



**PRECISION. PERFORMANCE. PERFECTION.**

**METALWORKING MACHINERY**



Baileigh Industrial® was founded in 1999 with the core principles of providing the highest quality industrial metalworking and woodworking machinery backed by unsurpassed after sale support. Since our humble beginnings we have grown into becoming one of the most respected suppliers of metal forming, chip removal, welding, cutting, sheet metal, and fabrication equipment, as well as contractor grade and industrial furniture, cabinet making, and joinery woodworking equipment.

Baileigh Industrial's worldwide headquarters are located in Manitowoc, WI (USA) with additional central distribution facilities located around the world. A large dealer network around the world provides a local source in most cases. We take pride in offering industrial grade equipment providing profitable solutions for metal and wood machinery project requirements. We further back up our quality metal and wood equipment with timely machinery shipments (typically 72 hour or less), and unsurpassed after sale support.

Our goal is to become a lifetime supplier to our customers of quality metal and wood working machinery. We strive to offer a great experience in the entire process of machinery selection, sale, and support.



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**BAILEIGH... around the world!**

**Contact Your Baileigh Industrial Representative  
TODAY for your NEW Metal Working Machine!**



# PRECISION. PERFORMANCE. PERFECTION.



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*"I didn't know much about Baileigh when we started Fast and Loud, perhaps I had seen an ad or two but had never used the equipment. When the garage decided to go with Baileigh machines I was beside myself with excitement. I knew that the proper equipment would be instrumental in realizing my creative ambitions, and the better I got with the machines the wilder my ambitions grew. When I was finally able to afford a little shop, there was no question where I would buy the equipment. I felt that my money went the furthest with Baileigh so I replicated what we had at work in my shop and have been very pleased with my purchase. Ultimately, Baileigh Industrial equipment has unlocked so many possibilities in my shop, it's hard to imagine building cars without these tools."*

Aaron Kaufman  
Arclight Fabrication Company



## CNC Plasma Tables – PT-22

- 2' x 2' (610 x 610 mm) cutting area
- Water table pitched to drain
- High quality stepper motors with lead screw drive
- Single drive on X axis, Dual drives on Y axis
- Fully welded main frame
- 5" casters (2) stationary – (2) swive with brake
- Industrial cable track on X axis
- Latched and hinged access doors on both sides
- Includes BobCAD Cam express software
- 240V



SHOWN WITH OPTIONAL  
CUTMASTER® A60  
PLASMA CUTTING  
SYSTEM



## CNC Plasma Tables – PT-44M

- 4' x 4' (1220 x 1220 mm) cutting area
- Water table style
- Integrated control box with hand held pendant
- High quality stepper motors on X and Y axis
- Fully welded main frame will support up to 1" (25 mm thick mild steel)
- Industrial cable track
- Dual drive on Y axis
- Includes BobCAD Cam express software
- Heavy duty construction
- Factory assembled
- 240V / 1Ph



SHOWN WITH OPTIONAL CUTTER



## CNC Plasma Tables – PT-44AHC

- 4' x 4' (1220 x 1220 mm) cutting area
- Dowlndraft table standard
- Optional water table insert available
- Integrated automatic height control
- Separate control console
- High quality stepper motors on X, Y, and Z axis
- Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- Industrial cable track
- Dual drive on Y axis
- Hardened, ground slide ways with wipers
- Includes BobCAD Cam express software
- Heavy duty construction
- Factory assembled 240V / 1Ph



## CNC Plasma Tables – PT-105HD

- 5' x 10' (1524 x 3048 mm) cutting area
- Automatic height detection system
- Down draft type table
- Dowlndraft trolley follows the torch wherever it's cutting for more focused fume extraction.
- Sturdy control podium with 10.5" screen and keypad.
- High quality Panasonic® brushless servo motors on X and Y axis
- Dual drive on Y axis
- E-Z load material side rails
- Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- Heavy duty steel gantry
- Automatic height detection system
- Industrial cable track
- Hardened, ground and polished slide ways
- Includes BobCAD Cam express software
- 240V / 1Ph



## CNC Plasma Tables – PT-105HD-W

- 5' x 10' (1524 x 3048 mm) cutting area
- Automatic height detection system
- Water Table type table
- Sturdy control podium with 10.5" screen and keypad.
- High quality Panasonic® brushless servo motors on X and Y axis
- Dual drive on Y axis
- E-Z load material side rails
- Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- Heavy duty steel gantry
- Automatic height detection system
- Industrial cable track
- Hardened, ground and polished slide ways
- Includes BobCAD Cam express software
- 240V / 1Ph



## Tube & Pipe Notchers – TN-50M / TN-125M / TN-200M



### TN-50M

- Will notch 1/4", 3/8" and 1/2" pipe at 90°
- Manually operated

#### Specifications - TN-50M

Notching Capacity (Pipe)	1/4", 3/8", 1/2"	6.3mm, 9.525mm, 12.7mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	20" x 7" x 7"	508mm x 178mm x 178mm
Shipping Weight	17lbs.	8kgs.

Specifications subject to change without notice.



### TN-125M

- Will notch 3/4", 1 and 1-1/4" pipe at 90°
- Manually operated

#### Specifications - TN-125M

Notching Capacity (Pipe)	3/4", 1", 1-1/4"	19mm, 25.4mm, 31.75mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	20" x 7" x 7"	508mm x 178mm x 178mm
Shipping Weight	20lbs.	9kgs.

Specifications subject to change without notice.



### TN-200M

- Will notch 1-1/2" and 2" pipe at 90°
- Manually operated

#### Specifications - TN-200M

Notching Capacity (Pipe)	1-1/2", 2"	38.1mm, 50.8mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	20" x 7" x 7"	508mm x 178mm x 178mm
Shipping Weight	36lbs.	16kgs.

Specifications subject to change without notice.



## Tube & Pipe Notchers – TN-200E



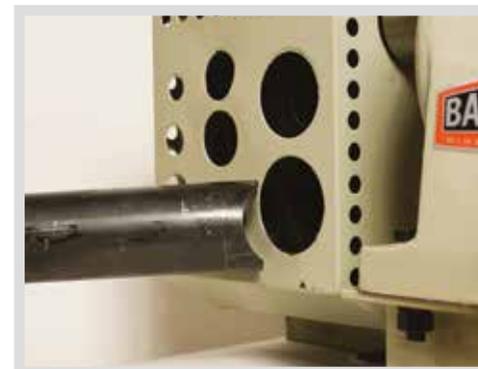
1. INSERT PIPE



2. REMOVE AFTER HALF NOTCH



3. REINSERT PIPE TO NOTCH OPPOSITE SIDE



4. NOTCH COMPLETE

### Specifications - TN-200E

Notching Capacity (Pipe)	1/4", 3/8", 1/2"	6.35mm, 9.525mm, 12.7mm
	3/8", 1", 1-1/4"	19.05mm, 25.4mm, 31.75mm
	1-1/2", 2"	31.8mm, 50.8mm
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	36" x 16" x 18"	914mm x 406mm x 457mm
Shipping Weight	203lbs.	92kgs.

Specifications subject to change without notice.

- Perfect for nibble notching schedule 40 pipe
- Bench top mounting
- 90° notching
- Electric



## Tube & Pipe Notchers – TN-210H



SHOWN WITH  
OPTIONAL HOLE SAW

DON'T FORGET THE  
**HOLE  
SAWS**



### Specifications - TN-210H

Notching Capacity (OD)	2"	50.8mm
Spindle Size	1"	25mm
Spindle Adapter	1/2" and 5/8"	
Angle Adjustment	0-50°	
Power Requirements	Drill Press or Hand Drill	
Shipping Dimensions (L x W x H)	12" x 7" x 5"	305mm x 178mm x 128mm
Shipping Weight	10lbs.	5kgs.

*Specifications subject to change without notice.*



## Tube & Pipe Notchers – TN-250

- Unique 6 jaw radial vise
- Will notch over 75°
- 1-1/4" hardened Thomson shaft with replaceable tips
- Slotted carriage for offset notches (no shims)
- Patent #8,734.066



DON'T FORGET THE  
**HOLE  
SAWS**



SHOWN WITH  
OPTIONAL HOLE SAW

### Specifications - TN-250

Notching Capacity (OD)	1/2" – 2-1/2"	12.7mm – 63.5mm
Angle Adjustment	Infinite	
Power Requirements	1/2" (12.7 mm) Hand Drill	
Shipping Dimensions (L x W x H)	24" x 12" x 12"	610mm x 305mm x 305mm
Shipping Weight	50lbs.	23kgs.

*Specifications subject to change without notice.*



## Tube & Pipe Notchers – TN-300

### Specifications - TN-300

Notching Capacity (OD)	5/8" – 3"	15.875mm – 76.2mm
Angle Adjustment		Infinite
Motor HP		5 HP
Power Requirements		240V
Shipping Dimensions (L x W x H)	32" x 24" x 24"	813mm x 607mm x 607mm
Shipping Weight	190lbs.	87kgs.

Specifications subject to change without notice.

- Notches up to 3" OD (with optional hole saws)
- Uses commercially available hole saws
- Miter notch up to 60°
- Bench mounted
- 240V operation



### TN-300

SHOWN WITH  
OPTIONAL HOLE SAW

### Optional Hole Saws

#### For Round Tube

- 9/16" Round Tube Hole Saw – 1/2 x 20 Thread
- 5/8" Round Tube Hole Saw – 1/2 x 20 Thread
- 3/4" Round Tube Hole Saw – 1/2 x 20 Thread
- 1" Round Tube Hole Saw – 1/2 x 20 Thread
- 1-1/8" Round Tube Hole Saw – 1/2 x 20 Thread
- 1-1/4" Round Tube Hole Saw – 5/8 x 18 Thread
- 1-3/8" Round Tube Hole Saw – 5/8 x 18 Thread
- 1-1/2" Round Tube Hole Saw – 5/8 x 18 Thread
- 1-3/4" Round Tube Hole Saw – 5/8 x 18 Thread
- 2" Round Tube Hole Saw – 5/8 x 18 Thread
- 2-1/8" Round Tube Hole Saw – 5/8 x 18 Thread
- 2-1/4" Round Tube Hole Saw – 5/8 x 18 Thread
- 2-1/2" Round Tube Hole Saw – 5/8 x 18 Thread
- 2-3/4" Round Tube Hole Saw – 5/8" x 18 Thread
- 3" Round Tube Hole Saw – 5/8 x 18 Thread

#### For Round Pipe

- 1/2" Round Pipe Hole Saw – 12 x 20 Thread
- 3/4" Round Pipe Hole Saw – 1/2 x 20 Thread
- 1" Round Pipe Hole Saw – 5/8 x 18 Thread
- 1-1/4" Round Pipe Hole Saw – 5/8 x 18 Thread
- 1-1/2" Round Pipe Hole Saw – 5/8 x 18 Thread
- 2" Round Pipe Hole Saw – 5/8 x 18 Thread
- 2-1/2" Round Pipe Hole Saw – 5/8 x 18 Thread

Metric sizes available.

DON'T FORGET THE  
**HOLE  
SAWS**



## Tube & Pipe Notchers – TN-400

### Specifications - TN-400

Notching Capacity (OD)	.75" - 2"	19.05mm - 50.8mm
Angle Adjustment		0 - 60°
Belt Size	4" x 79"	101.6mm x 2006.6mm
Belt Speed		5420 FPM
Motor HP		3 HP
Power Requirements		240V / 1Ph
Shipping Dimensions (L x W x H)	60" x 44" x 60"	1524mm x 1118mm x 1524mm
Shipping Weight	450lbs.	205kgs.

Specifications subject to change without notice.

- 4" Abrasive type notcher
- Lever feed (with adjustable stop)
- Includes 1-1/4" pipe mandrel
- Notches up to 2" OD (with optional mandrel)
- 240V / 1Ph



DON'T FORGET THE  
**BELTS**



### Optional Tooling

#### Available Mandrel Sizes for TN-400

##### For Round Tube

3/4" Round Tube  
7/8" Round Tube  
1" Round Tube  
1-1/8" Round Tube  
1-3/16" Round Tube  
1-1/4" Round Tube  
1-3/8" Round Tube  
1-1/2" Round Tube  
1-5/8" Round Tube  
1-3/4" Round Tube  
1-7/8" Round Tube  
2" Round Tube  
2-1/4" Round Tube  
2-1/2" Round Tube  
2-3/4" Round Tube  
3" Round Tube

##### For Round Pipe

3/4" Round Pipe  
1" Round Pipe  
1-1/4" Round Pipe  
1-1/2" Round Pipe  
2" Round Pipe

Metric sizes available.



# Tube & Pipe Notchers – TN-800



SET TO DESIRED OD. TURN HAND WHEEL COUNTER CLOCK-WISE. ONE REVOLUTION PER WELD JOINT WITH OUT THE NEED TO CHANGE END MILLS REGARDLESS OF THE NOTCH SIZE.



- End mill style notcher
- Fast, easy, and clean
- Notches 1" to 3" OD with standard tooling
- Fully adjustable miter and offset notching to 60°
- Cart mounted with easy roll casters
- Patent No. 6,435,783
- 240V operation



Specifications - TN-800		
Notching Capacity (OD)	.5" (Optional) - 3"	12.7mm - 76.2mm
Angle Adjustment	0 - 60°	
End Mill Size	1" Standard / 1/2" Optional	
Mill Speed	177 rpm	
Motor HP	1 HP	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	66" x 44" x 60"	1676mm x 1118mm x 1524mm
Shipping Weight	610lbs.	278kgs.

Specifications subject to change without notice.

Optional End Mills
1/2" Endmill and Adapter for TN-800
1/2" Endmill, For TN-800 - 1/2" x 2 1/2" Shank Four Flute
1" Notching End Mill for TN-800, Tin Coated, 4" Cutting Area
1" Notching End Mill for TN-800, Tin Coated, 6" Cutting Area
1" Notching End Mill for Stainless Steel Applications on TN-800, 4" Cutting Area

Metric sizes available.



## Rotary Draw Benders – RDB-10 / RDB-25



### RDB-10

- Perfect for bending small diameter tubing
- Can bend to 180 degrees
- Includes dies for 3xD and 5xD bends
- Heavy duty stand
- Tooling rack included



### Specifications - RDB-25

Capacities		
Round Tube	7/8"	22.225 mm
Square Tube	1"	25.4 mm
Wall Thickness	.047"	1.194 mm
Bend Angle	180°	
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	25" x 15" x 6.5"	635mm x 381mm x 165mm
Shipping Weight	61lbs.	28kgs.

Specifications subject to change without notice.



- Can bend round and square tube
- Includes dies for 3/8" x 2" CLR, 1/2" x 2.25" CLR, 9/16" x 2.5" CLR, 5/8" x 3" CLR, 3/4" x 4.0" CLR, 7/8" x 4.25" CLR round and 3/4" x 3.75 CLR, 1" x 4.25" CLR square tube
- Full cast iron construction
- Can be bench or pedestal mounted
- Includes convenient carrying case



### Specifications - RDB-10

Included Die Sets	1/4 x 3D	6.350 mm x 3D
	1/4 x 5D	6.350 mm x 5D
	5/16 x 3D	7.938 mm x 3D
	5/16 x 5D	7.938 mm x 5D
	3/8 x 3D	9.525 mm x 3D
	3/8 x 5D	9.525 mm x 5D
	1/2 x 3D	12.7 mm x 3D
	1/2 x 5D	12.7 mm x 5D
	5/8 x 3D	15.875 mm x 3D
	5/8 x 5D	15.875 mm x 5D
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	43" x 17" x 20"	1.092mm x 432mm x 508mm
Shipping Weight	135lbs.	62kgs.

Specifications subject to change without notice.

### RDB-25



# Rotary Draw Benders – RDB-050

The RDB-050 is a manually operated Tube Bender with huge capacity at an economical price.

- Dies available for 90 or 180 degrees
- Replaceable bronze bushings at all pivot points
- Three bending speeds
- 180 degree bends, without repining the die
- Anti-spring back mechanism included
- Integrated degree dial included
- Quick change hook sleeve inserts, no u-straps
- US patent no. 8,171,705



SHOWN WITH OPTIONAL TUBE TOOLING

### Specifications - RDB-050

Mild Steel Pipe (Schedule 40)	Call for Details	Call for Details
Aluminum Pipe (Schedule 40)	Call for Details	Call for Details
Stainless Steel Pipe (Schedule 40)	Call for Details	Call for Details
Mild Steel Round Tube (Wall)	2.50" (.120)	64mm x 3mm
Aluminum Round Tube (Wall)	2.50" (.120)	64mm x 3mm
Stainless Steel Round Tube (Wall)	2.00" (.120)	50mm x 3mm
Chromolly Round Tube (Wall)	2.00" (.120)	50mm x 3mm
Mild Steel Solid Rod	1.0"	25mm
Mild Steel Square Tube (Wall)	N/A	N/A
Minimum OD	.75"	19mm
Maximum Speed to 180 Degrees	N/A	N/A
Maximum Center Line Radius (CLR)	7.00"	176mm
Minimum CLR	3.00"	76mm
Power Requirements	N/A	N/A
Weight (Lbs.)	290	132kg.
Length	44.00"	1118mm
Width	27.00"	686mm
Height	42.00"	1067mm

Specifications subject to change without notice.



## Rotary Draw Benders – RDB-100



SHOWN WITH OPTIONAL  
PIPE TOOLING

The RDB-100 is a manually operated professional Tube and Pipe Bender intended for production work.

- Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- Replaceable bronze bushings at all pivot points with grease zerks
- Two speeds
- 180 degree one-shot bending for lighter materials
- Anti-spring back mechanism included
- Integrated degree dial with bend indicator included
- Stand and handle included
- Infinite tooling possibilities

### Specifications - RDB-100

Mild Steel Pipe (Schedule 40)	1.00"	33.4mm x 3.4mm
Aluminum Pipe (Schedule 40)	1.00"	33.4mm x 3.4mm
Stainless Steel Pipe (Schedule 40)	.75"	27mm
Mild Steel Round Tube (Wall)	1.75" (.083)	45mm x 2mm
Aluminum Round Tube (Wall)	2.00" (.125)	50mm x 3mm
Stainless Steel Round Tube (Wall)	1.50" (.083)	38mm x 2mm
Chromolly Round Tube (Wall)	1.50" (.083)	38mm x 2mm
Mild Steel Solid Rod	1.00"	25mm
Mild Steel Square Tube (Wall)	1.00" (.125)	25mm x 3mm
Minimum OD	.25"	6mm
Maximum Speed to 180 Degrees	N/A	N/A
Maximum Center Line Radius (CLR)*	10.50"	267mm
Minimum CLR	.50"	13mm
Power Requirements	N/A	N/A
Weight (Lbs.)	290	132kg.
Length	42.00"	1067mm
Width	22.00"	560mm
Height	42.00"	1067mm

\*Maximum CLR dependant on material outside diameter.  
Specifications subject to change without notice.



# Rotary Draw Benders – RDB-125

Based on our RDB-100, the RDB-125 is the perfect bender for the fabricator that wants a powered bender on a budget.

- Low pressure industrial grade hydraulic system
- Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- Replaceable bronze bushings at all pivot points with grease zerks
- Anti-spring back mechanism included
- Integrated degree dial with bend indicator included
- Infinite tooling possibilities
- Foot pedal operation
- 240V



SHOWN WITH OPTIONAL PIPE TOOLING

### Specifications - RDB-125

Mild Steel Pipe (Schedule 40)	2.00"	60mm x 4mm
Aluminum Pipe (Schedule 40)	2.00"	60mm x 4mm
Stainless Steel Pipe (Schedule 40)	1.50"	48mm x 3mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64mm x 3mm
Aluminum Round Tube (Wall)	2.50" (.156)	64mm x 4mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60mm x 3mm
Chromolly Round Tube (Wall)	2.00" (.125)	50mm x 3mm
Mild Steel Solid Rod	1"	25mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50mm x 3mm
Minimum OD	.25"	6mm
Maximum Speed to 180 Degrees	N/A	N/A
Maximum Center Line Radius (CLR)*	10.50"	267mm
Minimum CLR	.50"	13mm
Power Requirements	240V / 1Ph, 50Hz	
Weight (Lbs.)	350	160kg.
Length	42.00"	1067mm
Width	22.00"	560mm
Height	42.00"	1067mm

\*Maximum CLR dependant on material outside diameter. Specifications subject to change without notice.



## Rotary Draw Benders – RDB-175

The RDB-175 starts where the RDB-150 left off. Years of experience allowed Baileigh Industrial to improve and add features that customers have been asking for. Features that are so unique the machine is patented.

- Ratchet counter die positioner
- 2x faster than standard RDB-150 (12-seconds to 180 degrees)
- Foot pedal operation
- Bends to 180 degrees in one shot
- Low pressure industrial grade hydraulic system
- Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- Replaceable bronze bushings at all pivot points with grease zerks
- Digital readout for bend repeatability included
- Infinite tooling possibilities
- US patent no. 7,380,430
- US patent no. 7,743,636
- 240V

### Specifications - RDB-175

Mild Steel Pipe (Schedule 40)	2.00"	60mm x 4mm
Aluminum Pipe (Schedule 40)	2.00"	60mm x 4mm
Stainless Steel Pipe (Schedule 40)	1.50"	48mm x 3mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64mm x 3mm
Aluminum Round Tube (Wall)	2.50" (.156)	64mm x 4mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60mm x 3mm
Chromolly Round Tube (Wall)	2.00" (.125)	50mm x 3mm
Mild Steel Solid Rod	1"	25mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50mm x 3mm
Minimum OD	.25"	6mm
Maximum Speed to 180 Degrees	12 Sec.	12 Sec.
Maximum Center Line Radius (CLR)*	9.00"	229mm
Minimum CLR	.50"	13mm
Power Requirements	240V / 1Ph, 50Hz	
Weight (Lbs.)	630	286 kg.
Length	44.00"	1118 mm
Width	28.00"	711 mm
Height	42.00"	1067 mm

\*Maximum CLR dependant on material outside diameter.  
Specifications subject to change without notice.



DIGITAL AUTO STOP



SHOWN WITH OPTIONAL PIPE TOOLING



# Rotary Draw Benders – RDB-250

The RDB-250 is the first in Baileigh Industrial’s line of Computer Controlled Tube and Pipe Benders. It offers features that only benders double the price have.

- Computer programmable
- Programmer holds 170 jobs with 10-bends per job
- Color touch-screen
- Can bend 360 degrees left or right (with optional tooling)
- Six bending speeds
- Fast, 9 Seconds to 180 degrees
- 9.0" (229 mm) maximum centerline radius
- Accepts optional positioning table
- Portable

Specifications - RDB-250		
Mild Steel Pipe (Schedule 40)	2.00"	60mm x 4mm
Aluminum Pipe (Schedule 40)	2.00"	60mm x 4mm
Stainless Steel Pipe (Schedule 40)	1.50"	48mm x 3mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64mm x 3mm
Aluminum Round Tube (Wall)	2.50" (.156)	64mm x 4mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60mm x 3mm
Chromolly Round Tube (Wall)	2.00" (.125)	50mm x 3mm
Mild Steel Solid Rod	1"	25mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50mm x 3mm
Minimum OD	.25"	6mm
Maximum Speed to 180 Degrees	9 Sec.	9 Sec.
Maximum Center Line Radius (CLR)*	9.00"	229mm
Minimum CLR	.50"	13mm
Power Requirements	240V / 1Ph, 50Hz	
Weight (Lbs.)	610	278kg.
Length	40.00"	1016mm
Width	32.00"	813mm
Height	43.00"	1092mm

\*Maximum CLR dependant on material outside diameter. Specifications subject to change without notice.



TOUCHSCREEN PROGRAMMER

SHOWN WITH OPTIONAL PIPE TOOLING



## Rotary Draw Benders – RDB-325

The RDB-325 is the newest addition to the Baileigh Industrial Tube and Pipe Bender lineup and bridges the gap between the popular RDB-250 and the workhorse of the line up the RDB-350.

- Computer programmable
- Programmer holds 170 jobs with 10-bends per job
- Color touch-screen
- Can bend 360 degrees left or right (with optional tooling)
- Six bending speeds
- Fast, 10-seconds to 180 degrees
- 16.5" (419 mm) maximum centerline radius
- Accepts optional positioning table
- Portable

### Specifications - RDB-325

Mild Steel Pipe (Schedule 80)	2.00"	60mm x 5.5 mm
Aluminum Pipe (Schedule 80)	2.50"	73mm x 5.5mm
Stainless Steel Pipe (Schedule 40)	2.00"	60mm x 4mm
Mild Steel Round Tube (Wall)	3.00" (.095)	76mm x 2.5mm
Aluminum Round Tube (Wall)	3.00" (.203)	76mm x 5mm
Stainless Steel Round Tube (Wall)	3.00" (.095)	76mm x 2.5mm
Chromolly Round Tube (Wall)	3.00" (.083)	76mm x 2mm
Mild Steel Solid Rod	1.25"	32mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50mm x 3mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	10 Sec.	10 Sec.
Maximum Center Line Radius (CLR)*	16.50"	419mm
Minimum CLR	.50"	13mm
Power Requirements	400V / 3Ph, 50Hz	
Weight (Lbs.)	1,200	545kg.
Length	60.00"	1524mm
Width	32.00"	813mm
Height	48.00"	1220mm

\*Maximum CLR dependant on material outside diameter.  
Specifications subject to change without notice.



TOUCHSCREEN PROGRAMMER

SHOWN WITH OPTIONAL PIPE TOOLING



# Rotary Draw Benders – RDB-350-TS

The RDB-350-TS is the workhorse of the Baileigh Industrial line of Tube and Pipe Benders. It will be able to handle almost any job thrown it's way.

- Computer programmable
- Easy to use color touch-screen controls
- Programmer holds 170 jobs with 10-bends per job
- Can bend 360 degrees left or right (with optional tooling)
- Quick release counter die system
- Fast, 16-seconds to 180 degrees
- 24" (610 mm) maximum centerline radius
- Accepts optional positioning table



HEAVY DUTY COUNTER DIE HOLDER



QUICK RELEASE COUNTER DIE



TOUCHSCREEN PROGRAMMER



Specifications - RDB-350-TS		
Mild Steel Pipe (Schedule 40)	2.50"	73mm x 5mm
Aluminum Pipe (Schedule 40)	3.00"	89mm x 5mm
Stainless Steel Pipe (Schedule 40)	2.00"	60mm x 4mm
Mild Steel Round Tube (Wall)	3.00" (.187)	76mm x 5mm
Aluminum Round Tube (Wall)	3.50" (.250)	89mm x 6.5mm
Stainless Steel Round Tube (Wall)	3.00" (.125)	76mm x 3mm
Chromolly Round Tube (Wall)	2.50" (.125)	64mm x 3mm
Mild Steel Solid Rod	1.75"	45mm
Mild Steel Square Tube (Wall)	3.00" (.125)	76mm x 3mm
Minimum OD	.24"	6mm
Maximum Speed to 180 Degrees	16 Sec.	16 Sec.
Maximum Center Line Radius (CLR)*	24.00"	610mm
Minimum CLR	.50"	13mm
Power Requirements	400V / 3Ph, 50Hz	
Weight (Lbs.)	1500	681kg.
Length	69.00"	1753mm
Width	32.00"	813mm
Height	46.00"	1168mm

\*Maximum CLR dependant on material outside diameter. Specifications subject to change without notice.



SHOWN WITH OPTIONAL TUBE TOOLING



## Rotary Draw Benders – RDB-500

- 3" schedule 40 pipe capacity
- Auto stop for bend repeatability included
- Bends to 180 degrees in one shot
- Low pressure industrial grade hydraulic system
- Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- Replaceable bronze bushings at all pivot points with grease zerks
- Infinite tooling possibilities



### Specifications - RDB-500

Mild Steel Pipe (Schedule 40)	3.00"	89mm x 5.5mm
Aluminum Pipe (Schedule 40)	3.50"	102mm x 6mm
Stainless Steel Pipe (Schedule 40)	2.50"	73mm x 5mm
Mild Steel Round Tube (Wall)	3.00" (.250)	76mm x 6.5mm
Aluminum Round Tube (Wall)	3.50" (.250)	89mm x 6.6mm
Stainless Steel Round Tube (Wall)	3.50" (.187)	89mm x 5mm
Chromolly Round Tube (Wall)	3.50" (.187)	89mm x 5mm
Mild Steel Solid Rod	2.00"	50 mm
Mild Steel Square Tube (Wall)	3.00" (.250)	76 mm x 6.5mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	36 Sec.	36 Sec.
Maximum Center Line Radius (CLR)*	20.00"	508mm
Minimum CLR	.50"	13mm
Power Requirements	400V / 3Ph, 50Hz	
Weight (Lbs.)	1800	820kg.
Length	70.00"	1778mm
Width	56.00"	1422mm
Height	41.00"	1041mm

\*Maximum CLR dependant on material outside diameter.  
Specifications subject to change without notice.



DIGITAL AUTO STOP

SHOWN WITH OPTIONAL  
PIPE TOOLING



# Rotary Draw Benders – RDB-480

Specifications - RDB-480		
Motor Hp	10 hp	
Degree of Bend (Max)	190°	1.092mm x 432mm x 508mm
Maximum Speed To 180°	25 Sec.	62kgs.
Mild Steel Pipe Schedule 80	4"	101.6mm
Mild Steel Round Tube Wall	5" x .083"	127mm x 2.1mm
Bend Direction	Clockwise	
Min. Clr	6"	153mm
Max. Clr	28"	711mm
Power	400V / 3Ph, 50hz	
Shipping Weight	6000 lbs	2730kgs
Shipping Dimensions	60" x 44" x 68"	1550mm x 1120mm x 1730mm

Specifications subject to change without notice.

- 4" schedule 80 pipe capacity
- Computer programmable
- Easy to use touch screen controls
- Stores 170 bend programs
- 28" max. CLR
- Convenient foot pedal operation



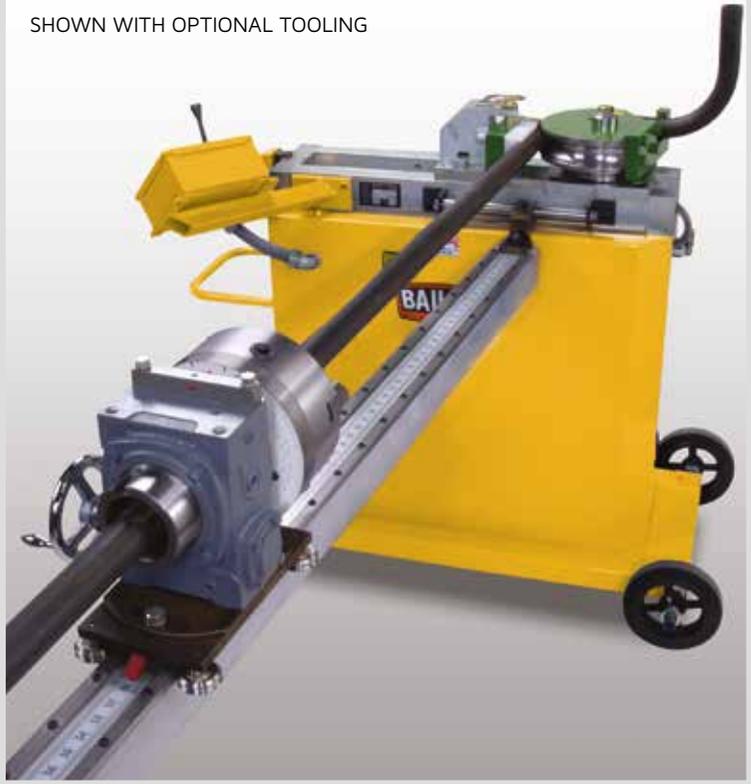
SHOWN WITH OPTIONAL PIPE TOOLING



COLOUR TOUCHSCREEN PROGRAMMER



SHOWN WITH OPTIONAL TOOLING



**ROTARY POSITIONING TABLES IDX-10, IDX-15 and IDX-20**



- Available in 10 ft., 15 ft. and 20 ft. lengths
- Mechanical stops for multiple bend parts
- Rotary chuck for accurate bends in varying planes
- 2-1/2" thru-hole allows material longer than the table to be used
- Linear guide scale
- For use on the models 250, 325, and 350

**Accessories for Bending**

**INSIDE AND OUTSIDE RADIUS GAUGES**

Perfect for finding unknown radiuses of parts and duplicating them.



INSIDE RADIUS GAUGE



OUTSIDE RADIUS GAUGE



**UNIVERSAL BEND PLATE**  
Great for Ornamental Applications



**ANGLE FINDER**

- Bend accurately in varying planes
- 3/4" - 3-1/2" capacity
- Rugged design for years of dependability
- Can be used on all non-manual rotary draw benders



# Rotary Draw Tooling

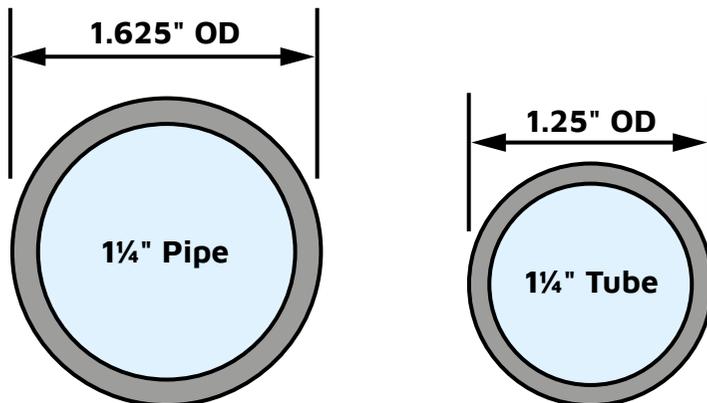
**Baileigh Industrial makes tooling for just about every application possible of rotary draw bending. For this reason, it is important to understand what material you are bending to get the correct die set for your application. Below is a simple description of our tooling to aid you in making this determination.**

## PIPE Vs TUBE

### What is the difference between Pipe and Tube?

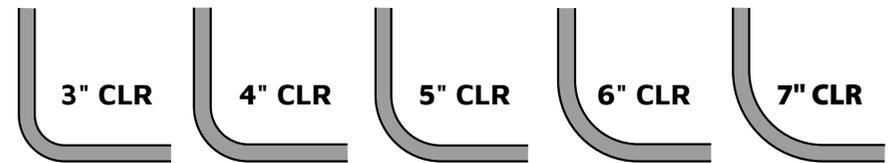
In short: *Tube is measured by outside diameter, pipe is measured by inside diameter.*

There is often confusion as to which size die the customer needs - Pipe Size or Tubing Size. Keep in mind that pipe size refers to a nominal - not actual - inside pipe diameter. Schedule refers to the pipe's wall thickness. The actual physical OD is larger than its nominal OD. The dimensions provided for tubing on the other hand refer to the actual outside diameter. In other words, the actual physical OD of a tube is just the same as its nominal OD. The size of a tube will keep the same OD no matter what the wall thickness is. For example: The actual outside diameter of 1/4" pipe is 1.625" - while 1/4" tube has a true 1.25" outside diameter.

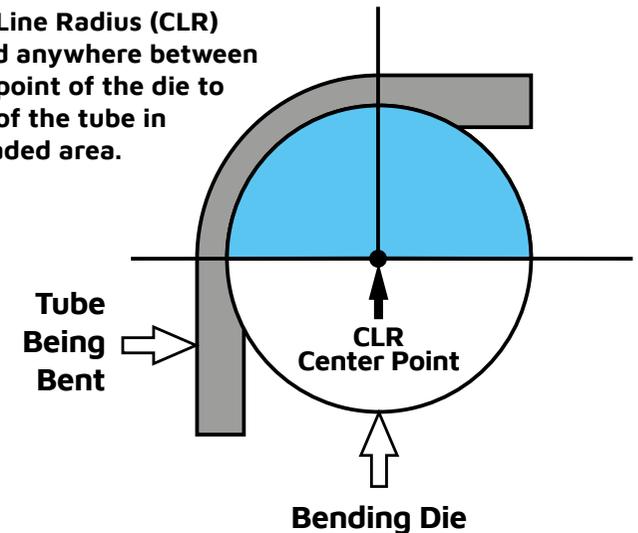


## FINDING CENTERLINE RADIUS

After you have figured out the correct type of material you have (tube, pipe, square, or solid) the next most important aspect of picking the right die is to find the centerline radius, known as CLR, of the part that you are making. All our tooling is based off this dimension and will ensure that you get the fit that you need. Below is an example of different centerline radii to help visualize the difference. If you are unsure of the CLR you need, give one of our helpful technical sales specialists a call at 02476 619267



**Centerline Line Radius (CLR)** is measured anywhere between the center point of the die to the center of the tube in the bluishaded area.





### Tube

- Designated tube by blue color
- 1018 billet steel forming die
- Replaceable / Consumable counter die inserts for counter die block
- Welded / Bolted open side hook arm, for easy tube insertion and removal
- Nonproprietary spindle bore
- Optional Roller assemblies for special applications
- Optional hardened 4140 billet dies for production heavy wall bending, and production stainless bending
- Metric Sizing available at request



### Pipe

- Designated pipe by green color
- 1018 billet steel forming die
- Replaceable / Consumable counter die inserts for counter die block
- Welded / Bolted open side hook arm, for easy tube insertion and removal
- Nonproprietary spindle bore
- Optional Roller assemblies for special applications
- Optional hardened 4140 billet dies for production heavy wall bending (sch80 & thicker), and production stainless bending



### Square Tube

- 1018 billet steel forming die
- Replaceable / Consumable counter die Plastic slide insert for counter die block
- Split Die Top Cap with release handles for easy of material release from forming die
- Welded / Bolted open side hook arm with clamping strap, for easy tube insertion and removal
- Nonproprietary spindle bore
- Optional hardened 4140 billet dies for production heavy wall bending
- Rectangle die configurations available at request.

# BAILEIGH INDUSTRIAL...around the world! - UNITED KINGDOM



Baileigh Industrial is truly a worldwide company, Baileigh Industrial Ltd. is located in the bustling town of Rugby, England. They carry the same complete line of machinery that all Baileigh Industrial locations do, with a working showroom that has many models on display. Stop by or call for an appointment if you are in the area, you will not be disappointed.

**Baileigh means... PRECISION. PERFORMANCE. PERFECTION.**

**Baileigh Industrial Ltd.**

Unit D Swift Point, Swift Valley Industrial Estate, Rugby CV21 1QH, United Kingdom. Phone: 02476 619267 [www.baileigh.co.uk](http://www.baileigh.co.uk)



## Mandrel Tube Benders – MB-350

The MB-350 Mandrel Bender is the perfect machine for bending tight radii (down to 1-1/2 times the OD) of round tube and pipe, as well as square tubing.

- Computer programmable
- Easy to use touch screen controls
- Programmer holds 140 Jobs with 10 bends per job
- Fast, 16-seconds to 180 degrees
- 10 foot extraction table
- Rotary positioning carriage with 4 manual stops
- Round mild steel – 3" OD x .120" wall (76mm x 3mm)
- Round aluminum – 3" OD x .188" wall (76mm x 5mm)
- Round stainless – 3" OD x .065" wall (76mm x 1.6mm)
- Square mild steel – 2" x 2" x .188" (50mm x 50mm x 5mm)
- Solid bar mild steel – 1.181" OD (30mm)



### Specifications - MB-350

#### Capacities Round (OD)

Mild Steel	3.0" x .120"	76mm x 3mm
Stainless Steel	3.0" x .065" wall	76mm x 1.6mm
Square Tube (SS & MS)	2.0" x 2.0" x .120" wall	50mm x 50mm x 3mm
Min. Practical Material Data	1"	25mm
Max CLR	9"	229mm
Min. CLR	1.5 x dia.	
Bend Direction	Clockwise	
Max. Bend Angle	200 degrees	
Max. Bend Speed	180 degrees in 16 seconds	
Bending HP	4 hp	
Hydraulic HP	5 hp	
Max. Hydraulic Pressure	3000 psi.	
Voltage	400V / 3Ph	
Weight	4000lbs.	1819kgs.
Mandrel Rod Size	1" dia. x 1" - 8 thread	
Index Table Length	10 ft.	3048mm
Index Chuck Thru Hole	2.4"	61mm

Specifications subject to change without notice.



SHOWN WITH OPTIONAL TOOLING



# Mandrel Tube Benders – MB-4x2

Are you sick of outsourcing your square and rectangle mandrel bends? Are you tired of waiting up to 16 weeks for your frame rails? Do you want more control of your own quality, inventory and lead times?

The MB-4X2 has revolutionized the square and rectangle mandrel bending market by providing an American Made bending solution at an affordable price. Geared towards the automotive frame rail market, this compact mandrel bender is a fraction of the size and cost of traditional bending solutions.

- Capable of bending to 100°
- Many tooling options capable of bending rectangle the hard way, and easy way, square and round materials, this tube bender is about as versatile as it gets.
- A full size color touchscreen allows easy programming and endless memory via external USB. Once programmed, the auto sequencing hydraulics eliminate any chance of human error.
- Early mandrel retraction ensures a smooth bend every time and the encoder based auto-stop is extremely accurate at a speed of 5-10 second @ 90 degrees.
- An endless tooling library and several table length options, the bender can be customized and engineered around your bending needs.
- 400V / 3Ph



Specifications - MB-4x2		
Working Table Size	Depends on length chosen - 10' and 20' tables available	
Bend Capacity Square	3" x 3" x 11 ga.	76mm x 75mm x 2.8mm
Degree of Bend (Max.)	100°	
Rectangle Capacity (Hard Way)	2" x 4" x 11 ga.	50mm x 101mm x 2.8mm
Bend Direction	Clockwise	
Maximum Bend Speed	90° in 5 Seconds	
Maximum Clr	12"	305mm
Maximum Hydraulic Pressure	3000 psi	
Hydraulic Motor	5 hp	
Power	400V / 3Ph	
Shipping Weight	275lbs	125kgs
Shipping Dimensions	60" x 44" x 68"	1550mm x 1120mm x 1730mm

Note: Must purchase appropriate table in order for machine to function properly! Specifications subject to change without notice.



## Mandrel Benders

Baileigh Industrial offers an extensive line of Manual, NC, and full CNC Mandrel Benders. The ability to bend down to an incredible ½-D bend radius makes these units perfect for almost any application including aeronautics, marine, automotive, and exhaust bending.

The NC type mandrel tubing benders feature password protected, easy to use numeric programmers in conjunction with mechanical bend positioning stops to ensure fast and accurate results down to .1 degree. Standard features include hydraulic clamping and production parts counter. Plane of bend positioning is available on selected tube bending units. Baileigh's line of CNC mandrel tubing benders include all of the great features of our NC tube benders with the addition of unlimited programming capabilities through our easy to operate, interactive touch screen control. 3-D simulation of finished parts makes both prototype and production work easy with these mandrel benders.

Every Baileigh Industrial mandrel tubing bender incorporates a robust, extremely rigid frame for increased accuracy over competitive machines. Accuracy is achievable down to an incredible .1 degree on all Baileigh mandrel tube bending machines. Models range in capacity up to 14" OD (round), as well as square and rectangular tube bending.



MB-38CNC1



MB-51CNC1



MB-114CNC1





MB-38CNC3



MB-60CNC3



MB-80CNC3





MB-32HYDR



MB-76HYDR



MB-58MECH



MB-76MECH



MB-32MECH1



MB-76MECH1



EFM-76



EFM-38

## Roll Benders – R-M3 / R-M5

### Specifications - R-M3

Capacities		
Solid Round	.25"	6.35mm
Flat Bar	1" x .1875"	25.4mm x 4.763mm
Minimum Diameter	3"	76.2mm
Handle Length	13.5"	343mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	15" x 7" x 8"	381mm x 178mm x 203mm
Shipping Weight	18lbs.	8kgs.

Specifications subject to change without notice.



R-M3



R-M5

- Small compact and portable
- 3 driven rolls
- Manually powered
- Includes tooling for flat bar, 1/4" and 1/2" round
- Perfect for doing small circles
- Includes heavy duty stand
- Optional tooling sets for round stock available

### Optional Tooling for R-M5

#### Tube Tooling

- 1/4" Round Tube Rolls
- 3/8" Round Tube Rolls
- 1/2" Round Tube Rolls

Metric sizes available.



### Specifications - R-M5

Capacities		
Solid Round (with optional tooling)	.5"	12.7mm
Flat Bar	1" x .187"	25.4mm x 4.75mm
Minimum Diameter	2.75"	70mm
Handle Length	9"	229mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	30" x 40" x 18"	762mm x 1016mm x 458mm
Shipping Weight	85lbs.	38kgs.

Specifications subject to change without notice.



Optional Tooling for R-M7

Pipe Tooling

- 1/4" Round Pipe (0.54"OD) Rolls
- 8" Round Pipe (0.675"OD) Rolls
- 1/2" Round Pipe (0.84"OD) Rolls
- 3/4" Round Pipe (1.05"OD) Rolls
- 1" Round Pipe (1.315"OD) Rolls
- 1-1/4" Round Pipe (1.66"OD) Rolls
- 1-1/2" Round Pipe (1.90"OD) Rolls

Tube Tooling

- 1/2" Round Tube Rolls
- 5/8" Round Tube Rolls
- 3/4" Round Tube Rolls
- 7/8" Round Tube Rolls
- 1" Round Tube Rolls
- 1-1/8" Round Tube Rolls
- 1-1/4" Round Tube Rolls
- 1-3/8" Round Tube Rolls
- 1-1/2" Round Tube Rolls
- 1-5/8" Round Tube Rolls
- 1-3/4" Round Tube Rolls
- 2" Round Tube Rolls

Square Tooling

- 1/4" Square Tube Rolls
- 1/2" Square Tube Rolls
- 3/4" Square Tube Rolls
- 1" Square Tube Rolls
- 1-1/4" Square Tube Rolls
- 1-1/2" Square Tube Rolls
- 1-3/4" Square Tube Rolls
- 2" Square Tube Rolls

Metric sizes available.



## Roll Benders – R-M7

The R-M7's small size makes it highly portable and versatile. Although not for rolling circles, it makes quick work of large radius bends.

- Manual adjustment of top roll
- Manually powered
- Portable
- Includes 1-1/2" OD tooling
- Quick change lower rolls
- Excellent for ornamental applications, not intended for circles
- Many optional tooling sets available



Specifications - R-M7

Capacity	Size	Min. Radius
Pipe	1.5" / 48mm	20" / 508mm
Round Tube	2" / 50mm	60" / 1,524mm
Square Tube	2" / 50mm	70" / 1,778mm
Rectangle Tube	1 x 2" / 25 x 50mm	10" / 254mm
Flat Bar		
Easy Way	1.25" / 32mm	10" / 254mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Center Distance	Adj. (lower rolls)	
Driven Rolls	1	
Speeds	n/a	
Motor	n/a	
Power Requirement	Manual	
Shipping Weight	75lbs. / 34kgs.	

All Specs based on 60,000 PSI (42kg/mm<sup>2</sup>)  
Tensile Strength – Mild Steel.  
Specifications subject to change without notice.

## Roll Benders – R-M10

The R-M10 roller has a powerful manual drive system that allows for complete rings.

- Manual adjustment of top roll
- Manually powered
- Great for doing complete circles
- Hardened standard tooling for long life
- A wide array of optional tooling sets are available



### Specifications - R-M10

Capacity	Size	Min. Dia.
Pipe	1" (sch. 40) / 33 (3)mm	28" / 711mm
Round Tube	1.25" (.078") / 32 (2)mm	31.5" / 800mm
Square Tube	1.2" (.078") / 30 (2)mm	35" / 889mm
Angle Iron	1.25" (.157") / 32 (40)mm	30" / 762mm
Solid Square	.75" / 19mm	20" / 508mm
Solid Round	.875" / 22mm	20" / 508mm
Flat Bar		
Easy Way	2" / 50mm	15.75" / 400mm
Hard Way	.75" / 19mm	6.5" / 165mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	1.181" / 30mm	
Roll Diameter		
Upper	3.86" / 98mm	
Lower	4.65" / 115mm	
Shaft Center Distance	6.7" / 170mm (lower rolls)	
Driven Rolls	2" / 50mm	
Speeds	N/A	
Motor (R-M10)	N/A	
Power Req. (R-M10)	Manual	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1,524 x 1,118 x 1,727mm	
Shipping Wgt. (R-M10)	435 lbs. / 197 kgs.	

All Specs based on 60,000 PSI (42 kg/mm<sup>2</sup>) Tensile Strength – Mild Steel.  
Specifications subject to change without notice.



# Roll Benders – R-M40

The R-M40 metal ring roller is perfect for rolling various sections such as hoops, coils of tubing, stair railing pipe, and much more.



### Specifications - R-M40

Capacity	Size	Min. Dia.
Pipe	1.5" (sch. 40) / 48 (3.6)mm	28" / 711mm
Round Tube	2" (.078") / 50 (2)mm	27.55" / 700mm
Square Tube	1.5" (.083") / 38 (2.1)mm	39" / 991mm
Angle Iron	1.5" (.1875") / 38 (4.7)mm	22" / 558mm
Solid Square	1.25" / 32mm	20" / 508mm
Solid Round	1.375" / 35mm	24" / 610mm
Flat Bar		
Easy Way	3" (.5") / 76 (13)mm	15.75" / 400mm
Hard Way	2.25" (.375") / 57 (9.5)mm	20" / 508mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	1.181" / 30mm	
Roll Diameter		
Upper	5.118" / 130mm	
Lower	5.118" / 130mm	
Shaft Center Distance	10.88" / 276mm (lower rolls)	
Driven Rolls	2	
Speeds	10.6 - 21.2 rpm. (variable)	
Motor	1.5 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1,524 x 1,118 x 1,727mm	
Shipping Weight	560lbs. / 254kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2)  
Tensile Strength – Mild Steel.  
Specifications subject to change without notice.



- Manual adjustment of top roll via ratchet
- Inverter driven
- Variable speed
- Overload protected
- Includes segmented hardened standard rolls
- Head tilts for vertical and horizontal bending
- Foot pedal controlled
- Many optional tooling sets available

### Optional Tooling for R-M40

Pipe Tooling
1/2" (12.7mm) Steel Pipe Rolls
3/4" (26.67mm) Steel Pipe Rolls
1" (33.4mm) Steel Pipe Rolls
1-1/4" (42.16mm) Steel Pipe Rolls
1-1/2" (48.26mm) Steel Pipe Rolls
Tube Tooling
1/2" (12.7mm) Steel Round Tube Rolls
5/8" (15.875mm) Steel Round Tube Rolls
3/4" (19.05mm) Steel Round Tube Rolls
7/8" (22.22mm) Steel Round Tube Rolls
1" (25.4mm) Steel Round Tube Rolls
1-1/8" (28.575mm) Steel Round Tube Rolls
1-1/4" (31.75mm) Steel Round Tube Rolls
1-3/8" (34.925mm) Steel Round Tube Rolls
1-1/2" (38.1mm) Steel Round Tube Roll
1-5/8" (41.275mm) Steel round Tube Rolls
1-3/4" (44.45mm) Steel Round Tube Rolls
2" (50.8mm) Steel Round Tube Rolls
Square Tooling
3/4" (19.05mm) Square Steel Rolls
1" (25.4mm) Square Steel Rolls
1-1/4" (31.75mm) Steel Square Rolls
1-1/2" (38.1mm) Steel Square Rolls
2" (50.8mm) Steel Square Tube Rolls

Metric sizes available.



- Manual adjustment of top roll
- Inverter driven
- Variable speed
- Overload protected
- Includes segmented hardened standard rolls
- Vertical and horizontal bending
- Foot pedal controlled
- Many optional tooling sets available

#### Specifications - R-M55-EU

Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4)mm	40" / 1,016mm
Round Tube	2.75" (.083") / 70 (2.1)mm	60" / 1,524mm
Square Tube	2" (.083") / 50 (2.1)mm	48" / 1,219mm
Angle Iron	2" (.250") / 50 (6.3)mm	28" / 711mm
Solid Square	1.375" / 35mm	20" / 508mm
Solid Round	1.375" / 35mm	20" / 508mm
Flat Bar		
Easy Way	4" (.5") / 101 (12.7)mm	20" / 508mm
Hard Way	2.25" (.375") / 57 (9.5)mm	20" / 508mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	1.968" / 50mm	
Roll Diameter		
Upper	5.827" / 148mm	
Lower	5.827" / 148mm	
Shaft Center Distance	13.12" / 333mm (lower rolls)	
Driven Rolls	2	
Digital Readout	n/a	
Speeds	13.6 – 27.2 rpm. (variable)	
Motor	1.5 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727mm	
Shipping Weight	925lbs. / 419kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2)  
Tensile Strength – Mild Steel.  
Specifications subject to change without notice.



## Roll Benders – R-M55-EU

The R-M55-EU ring roll bender is a robustly built and powerful pipe roller capable of bending up to 2" Schedule 40 pipe.



#### Optional Tooling for R-M55-EU

##### Pipe Tooling

3/8" (17.145mm) Steel Round Pipe Rolls
1/2" (21.34mm) Steel Round Pipe Rolls
3/4" (26.67mm) Steel Round Pipe Rolls
1" (33.4mm) Steel Round Pipe Rolls
1-1/4" (42.16mm) Steel Round Pipe Rolls
1-1/2" (48.26mm) Steel Round Pipe Roll
2" (60.3mm) Steel Round Pipe Rolls

##### Tube Tooling

1/2" (12.7mm) Steel Round Tube Rolls
5/8" (15.875mm) Steel Round Tube Rolls
3/4" (19.05mm) Steel Round Tube Rolls
7/8" (22.225mm) Steel Round Tube Rolls
1" (25.4mm) Steel Round Tube Rolls
1-1/4" (31.75mm) Steel Round Tube Rolls
1-3/8" (34.925mm) Steel Round Tube Rolls
1-1/2" (38.1mm) Steel Round Tube Rolls
1-5/8" (41.275mm) Steel Round Tube Rolls
1-3/4" (44.45mm) Steel Round Tube Rolls
2" (50.8mm) Steel Round Tube Rolls
2-1/4" (57.15mm) Steel Round Tube Rolls
2-1/2" (63.5) Steel Round Tube Rolls

##### Square Tooling

1/2" (12.7mm) Steel Square Tube Rolls
1" (25.4mm) Steel Square Tube Rolls
1-1/4" (31.75mm) Steel Square Tube Rolls
1-1/2" (38.1mm) Steel Square Tube Rolls
2" (50.8mm) Steel Square Tube Rolls

Metric sizes available.



# Roll Benders – R-M55H-EU

Based on the popular R-M55-EU, the R-M55H-EU is perfect for the fabricator who wants a hydraulic top roll adjustment at an economical price.



### Specifications - R-M55H-EU

Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4)mm	40" / 1,016mm
Round Tube	2.75" (.083") / 70 (2.1)mm	60" / 1,524mm
Square Tube	2" (.083") / 50 (2.1)mm	48" / 1,219mm
Angle Iron	2" (.250") / 50 (6.3)mm	28" / 711mm
Solid Square	1.375" / 35mm	20" / 508mm
Solid Round	1.375" / 35mm	20" / 508mm
Flat Bar		
Easy Way	4" (.5") / 101 (12.7)mm	20" / 508mm
Hard Way	2.25" (.375") / 128.5 (9.5)mm	20" / 508mm
Roll Adjustment	Hydraulic	
Pinch	Single	
Shaft Diameter	1.968" / 50mm	
Roll Diameter		
Upper	5.827" / 148mm	
Lower	5.827" / 148mm	
Shaft Center Distance	13.12" / 333mm (lower rolls)	
Driven Rolls	2	
Digital Readout	N/A	
Speeds	13.6 - 27.2 rpm. (variable)	
Motor	1.5 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727mm	
Shipping Weight	1,000lbs. / 453kgs.	

All Specs based on 60,000 PSI (42kg/mm 2)  
Tensile Strength – Mild Steel.  
Specifications subject to change without notice.



- Hydraulic adjustment of top roll
- Inverter driven
- Variable speed
- Overload protected
- Includes segmented hardened standard rolls
- Vertical and horizontal bending
- Foot pedal controlled
- Digital readout
- Many optional tooling sets available

### Optional Tooling for R-M55H-EU

Pipe Tooling
3/8" (17.145mm) Steel Round Pipe Rolls
1/2" (21.34mm) Steel Round Pipe Rolls
3/4" (26.67mm) Steel Round Pipe Rolls
1" (33.4mm) Steel Round Pipe Rolls
1-1/4" (42.16mm) Steel Round Pipe Rolls
1-1/2" (48.26mm) Steel Round Pipe Roll
2" (60.3mm) Steel Round Pipe Rolls
Tube Tooling
1/2" (12.7mm) Steel Round Tube Rolls
5/8" (15.875mm) Steel Round Tube Rolls
3/4" (19.05mm) Steel Round Tube Rolls
7/8" (22.225mm) Steel Round Tube Rolls
1" (25.4mm) Steel Round Tube Rolls
1-1/4" (31.75mm) Steel Round Tube Rolls
1-3/8" (34.925mm) Steel Round Tube Rolls
1-1/2" (38.1mm) Steel Round Tube Rolls
1-5/8" (41.275mm) Steel Round Tube Rolls
1-3/4" (44.45mm) Steel Round Tube Rolls
2" (50.8mm) Steel Round Tube Rolls
2-1/4" (57.15mm) Steel Round Tube Rolls
2-1/2" (63.5) Steel Round Tube Rolls
Square Tooling
1/2" (12.7mm) Steel Square Tube Rolls
1" (25.4mm) Steel Square Tube Rolls
1-1/4" (31.75mm) Steel Square Tube Rolls
1-1/2" (38.1mm) Steel Square Tube Rolls
2" (50.8mm) Steel Square Tube Rolls

Metric sizes available.



## Roll Benders – R-H45-EU

With three driven rolls, the R-H45-EU makes quick work of the hardest applications.



NOW HAS NEEDLE VALVE



### Specifications - R-H45-EU

Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4)mm	48" / 1,219mm
Round Tube	2.75" (.083") / 70 (2.1)mm	60" / 1,524mm
Square Tube	2" (.120") / 50 (3)mm	51" / 1,295mm
Angle Iron	2" (.250") / 50 (6.3)mm	28" / 711mm
Solid Square	1.375" / 35mm	28" / 711mm
Solid Round	1.5" / 38mm	28" / 711mm
Flat Bar		
Easy Way	4" (.75") / 101 (19)mm	28" / 711mm
Hard Way	3.25" (.375") / 82.5 (9.5)mm	28" / 711mm
Roll Adjustment	Hydraulic	
Pinch	Single	
Shaft Diameter	1.772" / 45mm	
Roll Diameter		
Upper	5.827" / 148mm	
Lower	5.827" / 148mm	
Shaft Center Distance	9.562" / 242mm (lower rolls)	
Driven Rolls	3	
Digital Readout	Yes	
Speed	12 rpm.	
Motor	3 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727mm	
Shipping Weight	1,188 lbs. / 538 kgs.	

All Specs based on 60,000 PSI (42kg/mm<sup>2</sup>)  
Tensile Strength – Mild Steel.  
Specifications subject to change without notice.

- Three driven rolls
- Hydraulic adjustment of top roll
- Inverter driven
- Variable speed
- Overload protected
- Includes segmented hardened standard rolls
- Vertical and horizontal bending
- Foot pedal controlled
- Digital readout
- Many optional tooling sets available

### Optional Tooling for R-H45-EU

#### Pipe Tooling

3/4" (26.67mm) Steel Round Pipe Rolls
1" (33.4mm) Steel Round Pipe Rolls
1-1/4" (42.16mm) Steel Round Pipe Rolls
1-1/2" (48.26mm) Steel Round Pipe Rolls
2" (60.3mm) Steel Round Pipe Rolls

#### Tube Tooling

1/2" (12.7mm) Steel Round Tube Rolls
3/4" (19.05mm) Steel Round Tube Rolls
1" (25.4mm) Steel Round Tube Rolls
1-1/4" (31.75mm) Steel Round Tube Rolls
1-3/8" (34.925mm) Steel Round Tube Rolls
1-1/2" (38.1mm) Steel Round Tube Rolls
1-5/8" (41.275mm) Steel Round Tube Rolls
1-3/4" (44.45mm) Steel Round Tube Rolls
2" (50.8mm) Steel Round Tube Rolls
2-1/4" (57.15mm) Steel Round Tube Rolls
2-1/2" (63.5mm) Steel Round Tube Rolls
2-3/4" (69.85mm) Steel Round Tube Rolls

#### Square Tooling

1" (25.4mm) Steel Square Tube Rolls
1-1/4" (31.75mm) Steel Square Tube Rolls
1-1/2" (38.1mm) Steel Square Tube Rolls
1-3/4" (44.45mm) Steel Square Tube Rolls
2" (50.8mm) Steel Square Tube Rolls

Metric sizes available.



# Roll Benders – R-H55

The R-H55 takes the R-H45 to the next level, with a huge 2-1/2" Schedule 40 capacity. It will handle even the toughest jobs.



### Specifications - R-H55

Capacity	Size	Min. Dia.
Pipe	2.5" (sch. 40) / 73 (5)mm	40" / 1,016mm
Round Tube	2.75" (.118") / 70 (3)mm	72" / 1,828mm
Square Tube	2.75" (.083") / 70 (2.1)mm	54" / 1,371mm
Angle Iron	3" (.250") / 76 (6.3)mm	36" / 914mm
Solid Square	1.75" / 44mm	28" / 711mm
Solid Round	2" / 50mm	28" / 711mm
Flat Bar		
Easy Way	5" (.75") / 127 (19)mm	28" / 711mm
Hard Way	3.5" (.675") / 89 (17)mm	32" / 812mm
Roll Adjustment	Hydraulic	
Pinch	Single	
Shaft Diameter	2.165" / 55mm	
Roll Diameter		
Upper	6.693" / 170mm	
Lower	6.693" / 170mm	
Shaft Center Distance	11.875" / 301mm (lower rolls)	
Driven Rolls	3	
Digital Readout	Yes	
Speed	11 rpm.	
Motor	5 hp.	
Power Requirement	400V / 3Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727mm	
Shipping Weight	1,728lbs. / 783kgs.	

All Specs based on 60,000 PSI (42kg/mm 2)  
Tensile Strength – Mild Steel.  
Specifications subject to change without notice.

NOW HAS NEEDLE VALVE



- Three driven rolls
- Hydraulic adjustments of top roll
- Includes segmented hardened standard rolls
- Vertical and horizontal bending
- Foot pedal controlled
- Digital readout
- Many optional tooling sets available

### Optional Tooling for R-H55

#### Pipe Tooling

- 3/4" (26.67mm) Steel Round Pipe Rolls
- 1" (33.4mm) Steel Round Pipe Rolls
- 1-1/4" (42.16mm) Steel Round Pipe Rolls
- 1-1/2" (48.26mm) Steel Round Pipe Rolls
- 2" (60.3mm) Steel Round Pipe Rolls
- 2-1/2" (73.025mm) Steel Round Pipe Rolls
- 3" (88.9mm) Steel Round Pipe Rolls

#### Tube Tooling

- 1/2" (12.7mm) Steel Round Tube Rolls
- 3/4" (19.05mm) Steel Round Tube Rolls
- 1" (25.4mm) Steel Round Tube Rolls
- 1-1/4" (31.75mm) Steel Round Tube Rolls
- 1-3/8" (34.92mm) Steel Round Tube Rolls
- 1-1/2" (38.1mm) Steel Round Tube Rolls
- 1-5/8" (41.275mm) Steel Round Tube Roll
- 1-3/4" (44.45mm) Steel Round Tube Roll
- 2" (50.8mm) Steel Round Tube Rolls
- 2-1/4" (57.15mm) Steel Round Tube Rolls
- 2-1/2" (63.5mm) Steel Round Tube Rolls
- 2-3/4" (70.025mm) Steel Round Tube Rolls
- 3" (76.2mm) Steel Round Tube Rolls

#### Square Tooling

- 1/2" (12.7mm) Steel Square Tube Rolls
- 3/4" (19.05mm) Steel Square Tube Rolls
- 1" (25.4mm) Steel Square Tube Rolls
- 1-1/2" (38.1mm) Steel Square Tube Rolls
- 2" (50.8mm) Steel Square Tube Rolls

Metric sizes available.



## Roll Benders – Tooling

Baileigh Industrial offers the finest roll benders in the world and when you offer machines this good you have to offer tooling to match. All tooling for Baileigh Industrial roll benders are precision machined and available in both steel and nylon versions, with the steel sets heat treated for long life. With well over 1000 sizes typically in stock, Baileigh Industrial more than likely has your application covered. But just in case, custom rolls sets are available. Call us today with your application so we can get you started on the correct roll bending path.



A. Steel Tooling for  
Tube, Pipe and Square

B. Nylon Tooling for  
Tube, Pipe and Square

C. Angle Correcting Tooling

# Slip Rolls – SR-1220M / SR-2420M / SR-3622M

## Specifications - SR-1220M

Forming Width	12"	305mm
Capacity (Mild Steel)	20 ga. (.036")	1mm
Upper Roll Dia.	1.25"	32mm
Minimum Forming Dia.	1.875"	48mm
Wire Grooves (4)		
(1)	.1875"	4.7mm
(2)	.1562"	3.96mm
(3)	.125"	3.175mm
(4)	.0625"	1.58mm
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	19" x 9" x 7.5"	482 x 228 x 190mm
Shipping Weight	32lbs.	14.5kgs.

Specifications subject to change without notice.

- 12" forming width
- 20-gauge mild steel capacity
- Manually powered
- 4-wire grooves
- Top roll swings out for material removal



SR-1220M

## Specifications - SR-3622M

Forming Width	36"	914mm
Capacity (Mild Steel)	22 ga. (.030")	.76mm
Upper Roll Dia.	2"	50.8mm
Minimum Forming Dia.	3"	76.2mm
Wire Grooves		
(1)	.447"	11.3mm
(2)	.380"	9.65mm
(3)	.285"	7.2mm
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	55" x 15" x 21"	1397 x 381 x 533mm
Shipping Weight	286lbs.	130kgs.

Specifications subject to change without notice.

- 36" forming width
- 22-gauge mild steel capacity
- Manually powered
- 3-wire grooves
- Top roll lifts up for material removal



SR-3622M

## Specifications - SR-2420M

Forming Width	24"	610mm
Capacity (Mild Steel)	20 ga. (.036")	1mm
Upper Roll Dia.	2"	50.8mm
Minimum Forming Dia.	3"	76.2mm
Wire Grooves	Yes	
(1)	.4"	10.16mm
(2)	.325"	8.25mm
(3)	.25"	6.35mm
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	44" x 15" x 21"	1118 x 381 x 533mm
Shipping Weight	220lbs.	100kgs.

Specifications subject to change without notice.

- 24" forming width
- 20-gauge mild steel capacity
- Manually powered
- 3-wire grooves
- Top roll lifts up for material removal



SR-2420M



## Slip Rolls – SR-5016M

- 50" forming width
- 16-gauge mild steel capacity
- Manually powered
- 3-wire grooves
- Optional floor stand
- 2" back roll adjustment
- Top roll swings out for material removal



SHOWN WITH OPTIONAL FLOOR STAND

### Specifications - SR-5016M

Forming Width	50"	1,270mm
Capacity (Mild Steel)	16 ga. (.060")	1.5mm
Upper Roll Dia.	3"	76.2mm
Minimum Forming Dia.	4.5"	114mm
Wire Grooves		
(1)	.335"	8.5mm
(2)	.407"	10.3mm
(3)	.513"	13mm
Gear Ratio	3:1	
Stand	Optional	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	65" x 16" x 20"	1651 x 406 x 508mm
Shipping Weight	528lbs.	239kgs

Specifications subject to change without notice.



## Slip Rolls – SR-5016

- 50" forming width
- 16-gauge mild steel capacity
- Electric powered
- 3-wire grooves
- Foot pedal operated
- Integrated emergency stop
- 2" back roll adjustment
- 240V / 1Ph
- Top roll swings out for material removal



### Specifications - SR-5016

Forming Width	50"	1,270mm
Capacity (Mild Steel)	16 ga. (.060")	1.5mm
Upper Roll Dia.	3"	76.2mm
Minimum Forming Dia.	4.5"	114mm
Wire Grooves	Yes	
(1)	.335"	8.5mm
(2)	.407"	10.3mm
(3)	.513"	13mm
Roll Speed	16 rpm.	
Stand	Yes	
Motor	1 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	67" x 26" x 46"	1702 x 660 x 1168mm
Shipping Weight	770lbs.	350kgs.

*Specifications subject to change without notice.*



## Plate Rolls - PR-413 / PR-514

### PR-413

- 48" forming width
- 13-gauge mild steel capacity
- 3 driven rolls
- Single pinch
- Hydraulic back roll
- DRO for back roll position
- 3-wire grooves
- Foot pedal operated
- 2.56" back roll adjustment
- Top roll swings out for material removal



### PR-514

- 60" forming width
- 14-gauge mild steel capacity
- 3 driven rolls
- Single pinch
- Hydraulic back roll
- DRO for back roll position
- 3-wire grooves
- Foot pedal operated
- 2.559" back roll adjustment
- Top roll swings out for material removal



#### Specifications - PR-413

Forming Width	48"	1219mm
Capacity (Mild Steel)	13 ga. (.090")	2.3mm
Upper Roll Dia.	3.50"	89mm
Minimum Forming Dia.	5.25"	133mm
Roll Adjustment		
Pinch	Manual	
Back	Hydraulic	
Digital Position Readout	Yes	
Wire Grooves	Yes	
(1)	.375"	9.5mm
(2)	.465"	11.8mm
(3)	.55"	14mm
Roll Speed	6 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	75" x 29" x 46"	1905 x 736 x 1168mm
Shipping Weight	1,254lbs.	570kgs.

Specifications subject to change without notice.

#### Specifications - PR-514

Forming Width	60"	1524mm
Capacity (Mild Steel)	14 ga. (.075")	2mm
Upper Roll Dia.	3.50"	89mm
Minimum Forming Dia.	5.25"	133mm
Roll Adjustment		
Pinch	Manual	
Back	Hydraulic	
Digital Position Readout	Yes	
Wire Grooves	Yes	
(1)	.375"	9.5mm
(2)	.4375"	11.1mm
(3)	.5"	12.7mm
Roll Speed	6 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	89" x 29" x 56"	2261 x 737 x 1422mm
Shipping Weight	1,243lbs.	564kgs.

Specifications subject to change without notice.

LARGER MACHINES AVAILABLE  
Please enquire with Baileigh rep

## Box & Pan Brakes – BB-2416E / BB-3616E



**BB-2416E**



**BB-3616E**



### Specifications - BB-2416E

Length	24"	610mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 - 135°	
Box Depth	1.18"	30mm
Stand	Yes	
Shipping Dimensions (L x W x H)	34" x 14" x 18"	864 x 356 x 457mm
Shipping Weight	185lbs.	85kgs.

*Specifications subject to change without notice.*

- 24" x 16-gauge mild steel capacity
- Includes floor stand
- Stop rod and
- 5-finger assortment (1", 2", 3", 8" and 10")

### Specifications - BB-3616E

Length	36"	915mm
Thickness	16 ga. (20 ga.)	
Bend Angle	0 - 135°	
Box Depth	1.375"	35mm
Stand	Yes	
Shipping Dimensions (L x W x H)	47" x 16" x 23"	1194 x 406 x 584mm
Shipping Weight	271lbs.	123kgs.

*Specifications subject to change without notice.*

- 36" x 16-gauge mild steel capacity
- Counterweight apron assist
- Adjustable beam
- Floor stand included
- 6-finger assortment (1", 2", 3", 8", 10" and 12")



## Box & Pan Brakes – BB-4816E / BB-4816

### Specifications - BB-4816E

Length	48"	1220mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Box Depth	1.57"	40mm
Stand	Yes	
Shipping Dimensions (L x W x H)	46" x 19" x 27"	1168 x 483 x 686mm
Shipping Weight	360lbs.	164kgs.

Specifications subject to change without notice.



- Stop rod for repeatability
- Counterweight apron assist
- Adjustable beam for varying sheet thickness
- Floor stand included
- 16-finger assortment:  
5-2", 6-3", 5-4"



**BB-4816E**

### Specifications - BB-4816

Length	48"	1219mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Box Depth	4"	101.6mm
Finger Sizes	2" – 3" – 4"	
Stand	Yes	
Beam		
Adjustment	.625"	16mm
Lift (max.)	1.75"	44mm
Shipping Dimensions (L x W x H)	64" x 27" x 32"	1626 x 686 x 813mm
Shipping Weight	550lbs.	250kgs.

Specifications subject to change without notice.



- 48" x 16-gauge mild steel capacity
- Includes floor stand
- Stop rod and counterweight assist
- 16-finger assortment:  
5-2", 6-3", 5-4"



**BB-4816**



## Box & Pan Brakes – BB-4814 / BB-4812



**BB-4814**



**Specifications - BB-4814**

Length	48"	1220mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 - 135°	
Box Depth	4"	101.6mm
Finger Sizes	3" - 4" - 25"	
Stand	Yes	
Shipping Dimensions (L x W x H)	69" x 31" x 36"	1753 x 787 x 914mm
Shipping Weight	1,276lbs.	580kgs.

*Specifications subject to change without notice.*

- 48" x 14-gauge capacity
- Counterweight apron assist
- Adjustable beam
- Floor stand included
- 2-piece hardened finger assortment: 6-3", 2-4", 1-25"
- Angle stop rod and counterweight assist



**BB-4812**



**Specifications - BB-4812**

Length	48"	1220mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm.
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	71" x 34" x 44"	1803 x 864 x 1118mm
Shipping Weight	1,980lbs.	900kgs.

*Specifications subject to change without notice.*

- 48" x 12-gauge capacity
- Box, pan, and straight
- 2-piece hardened finger assortment: 3-3", 2-4", 5-5", 1-6"
- Angle stop rod and counterweight assist



## Box & Pan Brakes – BB-7212 / BB-9612

### Specifications - BB-7212

Length	72"	1830mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	97" x 34" x 44"	2464 x 864 x 1118mm
Shipping Weight	2,420lbs.	1100kgs.

Specifications subject to change without notice.



- 72" x 12-gauge capacity
- Heavy duty
- Bend angle indicator and stop rod for repeatability
- Adjustable counterweights for apron lift assist
- Adjustable beam for varying sheet thickness
- Sturdy floor stand
- 2-piece hardened finger assortment: 6-3", 3-4", 6-5", 2-6"
- 6" box depth



BB-7212

### Specifications - BB-9612

Length	96"	2438mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm.
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	123" x 34" x 46"	3124 x 864 x 1168mm
Shipping Weight	3,220lbs.	1460kgs.

Specifications subject to change without notice.



- 96" x 12-gauge capacity
- Heavy duty
- Bend angle indicator and stop rod for repeatability
- Adjustable counterweights for apron lift assist
- Adjustable beam for varying sheet thickness
- 2-piece hardened finger assortment 6-3", 4-4", 10-5", 2-6"
- 6" box depth



BB-9612



## Box & Pan Brakes – BB-12016 / BB-12014



**BB-12016**

### Specifications - BB-12016

Length	120"	3048mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm.
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	146" x 34" x 46"	3708 x 864 x 1168mm
Shipping Weight	3,190lbs.	1450kgs.

*Specifications subject to change without notice.*



- Heavy duty
- Bend angle indicator and stop rod for repeatability
- Adjustable counterweights for apron lift assist
- Adjustable beam for varying sheet thickness
- Sturdy floor stand
- 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- 6" box depth



**BB-12014**

### Specifications - BB-12014

Length	120"	3048mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm.
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	146" x 34" x 48"	3708 x 864 x 1118mm
Shipping Weight	3,410lbs.	1550kgs.

*Specifications subject to change without notice.*



- Heavy duty
- Bend angle indicator and stop rod for repeatability
- Adjustable counterweights for apron lift assist
- Adjustable beam for varying sheet thickness
- Sturdy floor stand
- 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- 6" box depth

## Box & Pan Brakes – BB-14418 / BB-15722

### Specifications - BB-14418

Length	144"	3658mm
Thickness (SS)	18 ga. (22 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm.
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	168" x 34" x 48"	4267 x 864 x 1219mm
Shipping Weight	5,390lbs.	2450kgs.

Specifications subject to change without notice.



- Heavy duty
- Adjustable counterweight apron assist
- Adjustable beam
- 6" box depth
- Sturdy floor stand
- 2-piece hardened finger assortment 6-3", 6-4", 10-5", 9-6"



BB-14418

### Specifications - BB-15722

Length	157"	3988mm
Thickness (SS)	22 . (26 ga.)	
Bend Angle	0 - 135°	
Finger Sizes	3" - 4" - 5" - 6"	
Beam Adjustment	1"	25.4mm.
Min. Reverse Bend	.625"	16mm
Box Depth	6"	152mm
Shipping Dimensions (L x W x H)	185" x 36" x 48"	4700 x 914 x 1219mm
Shipping Weight	5,940lbs.	2700kgs.

Specifications subject to change without notice.



- Heavy duty
- Adjustable counterweight apron assist
- Adjustable beam
- 6" box depth
- Sturdy floor stand
- 2-piece hardened finger assortment 6-3", 6-4", 10-5", 11-6"



BB-15722



## Box & Pan Brakes – BB-4012F



- Foot operated material clamping
- Enables easy material adjustment
- Stop rod for repeatable bending
- Finger assortment  
(1 pc. each size): 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 3", 4", 6", 7-3/4", 10-5/8"
- .033" finger radius



### Specifications - BB-4012F

Length	40"	1016mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 - 135°	
Max. Clamping Bar Lift (foot operated)	1.85"	47mm
Box Depth	2.5"	63.5mm
Shipping Dimensions (L x W x H)	58" x 25" x 50"	1473 x 635 x 1270mm
Shipping Weight	705lbs.	320kgs.

*Specifications subject to change without notice.*



## Box & Pan Brakes – BB-5014F

- Foot operated material clamping
- Enables easy material adjustment
- Stop rod for repeatable bending
- Finger assortment  
(1 pc. each size): 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 3", 4", 6", 7-3/4", 10", 10-5/8"
- .033" finger radius



### Specifications - BB-5014F

Length	50"	1270mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 - 135°	
Max. Clamping Bar Lift (foot operated)	1.85"	47mm
Box Depth	2.5"	63.5mm
Shipping Dimensions (L x W x H)	67" x 28" x 50"	1702 x 711 x 1207mm
Shipping Weight	800lbs.	364kgs.

*Specifications subject to change without notice.*



## Box & Pan Brakes – BB-5016F-DS



- Foot operated material clamping
- Segmented fingers on the top and bottom beam for unique applications and reverse bends
- Enables easy material adjustment
- Stop rod for repeatability
- Finger assortment  
(1 pc. each size): 2 x 1-1/2", 4 x 2", 5 x 3", 6 x 6"
- .033" finger radius



### Specifications - BB-5016F-DS

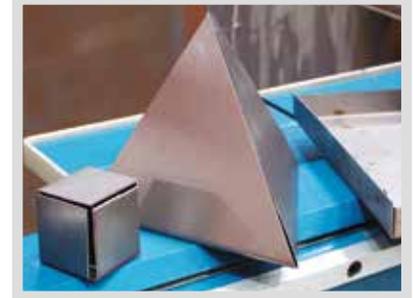
Length	50"	1270mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 - 135°	
Max. Clamping Bar Lift (foot operated)	1.85"	47mm
Box Depth	2.5"	63.5mm
Shipping Dimensions (L x W x H)	67" x 28" x 50"	1702 x 711 x 1207mm
Shipping Weight	1,000lbs.	454kgs.

*Specifications subject to change without notice.*



## Box & Pan Brakes – BB-4816M

- 48" x 16-gauge mild steel capacity
- Magnetic clamping brake
- Unlimited box depth
- Includes multiple finger lengths (1", 1-1/2", 2", 2-3/4", 5-1/2" and 11")
- Bending stop included
- 10-piece clamp set
- 240V / 1Ph



### Specifications - BB-4816M

Length	48"	1219mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 - 180°	
Clamping Force	6 ton	
Max. Clamping Bar Lift	(magnet)	
Box Depth	Unlimited	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	57" x 44" x 34"	1448 x 1118 x 864mm
Shipping Weight	462lbs.	210kgs.

Specifications subject to change without notice.



## Press Brakes - BP-3142NC

- 31" width
- 1/4" mild steel capacity
- Multi vee bottom die
- DRO for back gauge and down position
- Foot pedal controlled
- 240V



### Specifications - BP-3142NC

Tons at 3000 PSI	42	37.5
Maximum Pressure	3000 psi	
Table Length	31"	787.4mm
Distance Between Housings	29"	736mm
Distance From Table to Ram	7.75"	196mm
Max. Ram Opening Empty	8.75"	222mm
Throat Depth to Ram CL	6.75"	171mm
Stroke Distance	2"	50.8mm
Bending Speed	0.4" / sec.	10mm / sec.
Return Speed	1.1" / sec.	27mm / sec.
Approach Speed	0.9" / sec.	22mm / sec.
Back Gauge Length	19.5"	495mm
HP	2 hp	
Voltage	240V / 1Ph	
Shipping Dimensions (L x W x H)	48" x 48" x 72"	1220x1220x1830mm
Shipping Weight	2,000lbs.	4400kgs.

*Specifications subject to change without notice.*



## Press Brakes – HPB-45NC

- Perfect for production bending, punching, and shearing of small parts (with optional tooling)
- Cylinder stroke accuracy to +/- .002"
- Easy to use programmable NC controller
- Manual back gauge standard
- Vertical positioning via electronic encoder and mechanical stops



### Specifications - HPB-45NC

Pressure	45 tons	40 ton
Stroke Length	9.84"	250mm
Stroke Accuracy	+/- .002"	
Approach Speed	1.5" / sec.	
Working Speed	.51" / sec.	
Return Speed	.78" / sec.	
Fixture Holes	(1) @ 3.268" dia.	(1) @ 83mm dia.
	(3) @ 2.283" dia.	(3) @ 58mm dia.
Punch Height	7.875"	200mm
Table Height	36.61"	930mm
Motor	5 hp	
Power Requirement	400V / 3Ph	
Shipping Dimensions (L x W x H)	64" x 26" x 47"	1626 x 660 x 1194mm
	Shipping Weight	2,266lbs. 1030kgs.

Specifications subject to change without notice.

### Optional Tooling

Set of Three Bending Press Inserts for HPB-45NC, 1.5, 5, 10mm Radius  
 Multi-Vee Die For HPB-45NC, 16,22,30,40mm Openings, 200mm Height  
 Pipe Bending Tool for HPB-45NC  
 125mm Single Vee Die For HPB-45NC, 200mm Height  
 160mm Single Vee Die For HPB-45NC, 200mm Height  
 80mm Single Vee Die For HPB-45NC, 200mm Height

Metric sizes available.





## Press Brakes – HPB-78NC

- Perfect for production bending, punching, and shearing of small parts (with optional tooling)
- Cylinder stroke accuracy to  $\pm .002$ "
- Easy to use programmable NC controller
- Manual back gauge standard



### Specifications - HPB-78NC

Pressure	78 tons	70 ton
Stroke Length	13.78"	350mm
Stroke Accuracy	$\pm .002$ "	
Approach Speed	1.69" / sec.	
Working Speed	.43" / sec.	
Return Speed	.55" / sec.	
Fixture Holes	(1) @ 4.646" dia. (3) @ 3.268" dia.	(1) @ 118mm dia. (3) @ 83mm dia.
Punch Height	11.81"	300mm
Table Height	37.4"	950mm
Motor	7.5 hp	
Power Requirement	400V / 3Ph	
Shipping Dimensions (L x W x H)	81" x 38" x 61"	2057 x 965 x 1550mm
Shipping Weight	4,580lbs.	2082kgs.

*Specifications subject to change without notice.*

### Optional Tooling

Set of Three Bending Press Inserts for HPB-78NC, 1.5, 5, 10mm Radius  
 Multi Vee Die For HPB-78NC, 16, 22, 30, 40mm Width 300mm Height  
 Pipe Bending Tool for HPB-78NC  
 125mm Single Vee Die For HPB-78NC, 300mm Height  
 160mm Single Vee Die For HPB-78NC, 300mm Height  
 80mm Single Vee Die For HPB-78NC, 300mm Height

*Metric sizes available.*



## Shears – MPS-3 / MPS-1

- Throatless shear
- Ratcheting handle
- Bench-mounted
- Adjustable material stop with angle gauge

### Specifications - MPS-3

Shear Capacity	.075"	2mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	13" x 9.5" x 13.5"	330 x 241 x 343mm
Shipping Weight	49lbs.	23kgs.

*Specifications subject to change without notice.*



MPS-3

- Throatless — Design
- 14-gauge mild steel capacity
- 4-1/4" blade length
- Makes quick work of radius corners

### Specifications - MPS-1

Shear Capacity	.08"	2mm
Shear Length	2.5"	63.5mm
Blade Length	4.25"	108mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	24" x 10" x 13.5"	610 x 254 x 343mm
Shipping Weight	18lbs.	9kgs.

*Specifications subject to change without notice.*



MPS-1



## Shears – MPS-2 / MPS-5



MPS-2



MPS-5



### Specifications - MPS-2

Shear Capacity	10 ga.	
Shear Length	2.5"	63.5mm
Blade Length	4.25"	108mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	24" x 24" x 24"	610 x 610 x 610mm
Shipping Weight	50lbs.	23kgs.

Specifications subject to change without notice.

- Throatless — Design
- 10-gauge mild steel capacity
- 4-1/4" blade length
- Perfect for Radius corners



### Specifications - MPS-5

Shear Capacity	3/16"	5mm
Shear Length	3"	76.2mm
Blade Length	5.25"	133mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	24" x 24" x 24"	610 x 610 x 610mm
Shipping Weight	75lbs.	34kgs.

Specifications subject to change without notice.

- Throatless — Design
- 3/16" mild steel capacity
- 5-1/4" blade length
- Perfect for Radius corners
- Includes material hold down



## Shears – MPS-8G / MPS-12



- 8" Multi-purpose shear
- Shears flat and round stock
- Adjustable material hold down
- Rigid construction
- Multi-edge blades for increased productivity
- Spring-assisted action for increased leverage
- Gear-driven

### Specifications - MPS-8G

Specifications - MPS-8G		
Shear Capacity		
Round	.5"	12.7mm
Flat Bar	2.75" x .236"	69.8mm x 6mm
Sheet Steel	.187"	4.7mm
Cut Length	6.5"	165mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	20" x 6.5" x 18"	508 x 165 x 457mm
Shipping Weight	42lbs.	19kgs.

*Specifications subject to change without notice.*



- 12" Multi-purpose shear
- Shears flat and round stock
- Adjustable material hold down
- Rigid construction
- Multi-edge blades for increased productivity
- Spring-assisted action for increased leverage

### Specifications - MPS-12

Specifications - MPS-12		
Shear Capacity		
Round	.5"	12.7mm
Flat Bar	2.75" x .236"	69.8mm x 6mm
Sheet Steel	.187"	4.7mm
Cut Length	10.375"	263mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	29" x 6.5" x 17.5"	737 x 165 x 445mm
Shipping Weight	62lbs.	29kgs.

*Specifications subject to change without notice.*



MPS-8G



MPS-12





SF-5216E



SF-5216



## Specifications - SF-5216E

Shear Length	52"	1321mm
Thickness (SS)	16 ga. (20 ga.)	
Front Gauge Length	20"	508mm
Back Gauge Length	33"	838mm
Blade Angle	1°	
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	66" x 30" x 46"	1676 x 762 x 1168mm
Shipping Weight	1,199lbs.	545kgs.

Specifications subject to change without notice.

- High-carbon, high-chromium blades
- Front support arms with squaring bar
- Spring assisted operation
- 4 sided blades
- Back gauge include Finger guard

## Specifications - SF-5216

Shear Length	52"	1321mm
Thickness (SS)	16 ga. (20 ga.)	
Front Gauge Length	24"	609mm
Back Gauge Length	24"	609mm
Blade Angle	1°	
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	67" x 32" x 53"	1702 x 813 x 1346mm
Shipping Weight	996lbs.	454kgs.

Specifications subject to change without notice.

- 52" x 16-gauge mild steel capacity
- Back and side gauges
- Finger guard
- Heavy duty frame
- Foot shear
- 4 sided blades



## Shears – SH-5210 / SH-5214



SH-5210



SH-5214



### Specifications - SH-5210

Shear Length	52"	1321mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609mm
Back Gauge Length	24"	609mm
Strokes per Minute	28	
Blade Angle	1°	
Motor	5 hp	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	75" x 36" x 53"	1905 x 914 x 1346mm
Shipping Weight	3,000lbs.	1364kgs.

Specifications subject to change without notice.

- 52" x 10-gauge mild steel capacity
- Back and side gauges
- 5 HP motor
- 26 strokes per minute
- Multi-sided blades
- Front support arms
- 240V / 1Ph

### Specifications - SH-5214

Shear Length	52"	1321mm
Thickness (SS)	14 ga. (18 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609mm
Back Gauge Length	24"	609mm
Strokes per Minute	35	
Blade Angle	1°	
Motor	3 hp	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	74" x 36" x 53"	1880 x 914 x 1346mm
Shipping Weight	1,900lbs.	864kgs.

Specifications subject to change without notice.

- High-carbon, high-chromium blades with hold downs
- Back and side gauges
- 3 HP motor
- 35 strokes per minute
- Multi-sided blades
- 240V / 1Ph



## Shears – SH-6014 / SH-6010



SH-6014



SH-6010



## Specifications - SH-6014

Shear Length	60"	1524mm
Thickness (SS)	14 ga. (18 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609mm
Back Gauge Length	24"	609mm
Strokes per Minute	30	
Blade Angle	1°	
Motor	3 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	84" x 36" x 56"	2134 x 914 x 1422mm
Shipping Weight	3,200lbs.	1455kgs.

Specifications subject to change without notice.

- 60" x 14-gauge mild steel capacity
- High-carbon, high chromium blades with hold downs
- Front and back gauges
- Support arms
- 3 HP motor
- 30 strokes per minute
- Multi-sided blades
- 400V / 3Ph



## Specifications - SH-6010

Shear Length	60"	1524mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609mm
Back Gauge Length	24"	609mm
Strokes per Minute	26	
Blade Angle	1°	
Motor	5 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	84" x 36" x 56"	2134 x 914 x 1422mm
Shipping Weight	3,500lbs.	1591kgs.

Specifications subject to change without notice.

- 60" x 10-gauge mild steel capacity
- High-carbon, high-chromium blades with hold downs
- Front and back gauges
- Support arms
- 5 HP motor
- 26 strokes per minute
- Multi-sided blades
- 400V / 3Ph



## Shears – SH-10010



### Specifications - SH-10010

Shear Length	100"	2540mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609mm
Back Gauge Length	24"	609mm
Strokes per Minute	22	
Blade Angle	2°	
Motor	7.5 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	125" x 45" x 60"	3175 x 1143 x 1422mm
Shipping Weight	6,000lbs.	2728kgs.

*Specifications subject to change without notice.*

- 100" x 10-gauge mild steel capacity
- High-carbon, high-chromium blades
- Front and back gauges
- 7.5 HP motor
- Front support arms with squaring bar
- Automatic and single-stroke operations with jog mode
- 22 strokes per minute
- Multi-sided blades
- 400V / 3Ph



## Shears – SH-5203-HD

- 52" x 1/4"-mild steel capacity
- Front and back gauges
- Fast blade gap adjustment
- 4 sided blades
- 400V / 3Ph



### Specifications - SH-5203-HD

Shear Length	52"	1321mm
Thickness (SS)	1/4" (7 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	39.37"	1000mm
Back Gauge Length	23.62"	600mm
Strokes per Minute	16 - 24	
Blade Angle	1/2° - 2° Adjustable	
Motor	15 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	91" x 54" x 65"	2311 x 1372 x 1651mm
Shipping Weight	5,720lbs.	2600kgs.

*Specifications subject to change without notice.*



## Sheet Metal Notchers – SN-F16-HN / SN-F16-FN

- Hand notcher
- 90° fixed angle
- Cuts up to 16-gauge mild steel
- Notch size 6" x 6"
- 3/4" stroke
- 18" x 12" table

SN-F16-HN



### Specifications - SN-F16-HN

Capacity (SS)	16 ga. (20 ga.)	
Blade Length	6"	152mm
Notch Angle	90° (Fixed)	
Stroke Length	3/4"	19mm
Power	Manual	
Table Dimensions	18" x 12"	457mm x 304mm
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219mm
Shipping Weight	275lbs.	125kgs.

Specifications subject to change without notice.

### Specifications - SN-F16-FN

Capacity (SS)	16 ga. (20 ga.)	
Blade Length	3"	76mm
Notch Angle	90° (Fixed)	
Stroke Length	3/4"	19mm
Power	Manual	
Table Dimensions	10" x 10"	254mm x 254mm
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219mm
Shipping Weight	310lbs.	140kgs.

Specifications subject to change without notice.

- Foot pedal operation
- Fixed 90° notching
- Adjustable material stops

SN-F16-FN



## Sheet Metal Notchers – SN-F11-AN / SN-F09-MS

### Specifications - SN-F11-AN

Max. Capacity (SS)	11 ga. (15 ga.)	
Max. Notch Dimensions	5" x 5"	127mm x 127mm
Notch Angle	90° (Fixed)	
Strokes/Minute	50	
Blade Gap Adjustment	Manual	
Table Dimensions	18" x 23.5"	457mm x 597mm
Motor	N/A	
Working Pressure	115 psi	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727mm
Shipping Weight	500lbs.	228kgs.

Specifications subject to change without notice.

- Pneumatic operation
- 90° fixed angle
- Cuts up to 11 gauge (3mm)
- 5" x 5" notch size
- Adjustable material stops
- Optional blades for stainless steel
- 4.4 gallons of air/notch



SN-F11-AN



SN-F09-MS

### Specifications - SN-F09-MS

Max. Capacity (SS)	9 ga. (13 ga.)	
Max. Notch Dimensions	7-3/4" x 7-3/4"	197mm x 197mm
Notch Angle	90° (Fixed)	
Strokes/Minute	50	
Blade Gap Adjustment	Manual	
Table Dimensions	27" x 23.5"	685mm x 597mm
Motor	3 HP	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727mm
Shipping Weight	1,100lbs.	500kgs.

Specifications subject to change without notice.

- 90° fixed angle
- Cuts up to 9 gauge (4mm)
- 7-3/4" x 7-3/4" notch size
- Manual blade gap adjustment
- Adjustable material stops
- Optional blades for stainless steel
- 400V / 3Ph



## Sheet Metal Notchers – SN-F04-MS / SN-V04-MS

### Specifications - SN-F04-MS

Max. Capacity	.237"	6mm
Max. Notch Dimensions	8-1/2" x 8-1/2"	215mm x 215mm
Notch Angle	90° (Fixed)	
Strokes/Minute	15	
Blade Gap Adjustment	Manual	
Table Dimensions	25.5" x 25.5"	647mm x 647mm
Motor	4 HP	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727mm
Shipping Weight	1,200lbs.	544kgs.

Specifications subject to change without notice.

- 90° fixed angle
- Cuts up to 4 gauge (6mm)
- 8-1/2" x 8-1/2" notch size
- Optional blades for stainless steel
- 400V / 3Ph



SN-F04-MS



SN-V04-MS

### Specifications - SN-V04-MS

Max. Capacity	.237"	6mm
Max. Notch Dimensions	8-1/2" x 8-1/2"	215mm x 215mm
Notch Angle	30° - 140° Variable	
Strokes/Minute	15	
Blade Gap Adjustment	Manual	
Table Dimensions	37.4" x 31"	950mm x 787mm
Motor	4 HP	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727mm
Shipping Weight	1,672lbs.	758kgs.

Specifications subject to change without notice.

- Variable notch angle
- Cuts up to 4 gauge (6mm)
- 8-1/2" x 8-1/2" notch size
- Optional blades for stainless steel
- 400V / 3Ph



# Sheet Metal Combination Machines – SB-8 / SBR-1220



**SB-8**



Specifications - SB-8		
Bed Width	8"	203mm
Shear Capacity	20 ga.	
Bending Capacity	20 ga.	
Max. Bend Angle	90°	
Shipping Dimensions (L x W x H)	20" x 13" x 7"	508 x 330 x 178mm
Shipping Weight	27lbs.	13kgs.

Specifications subject to change without notice.

- Bench-mounted
- Combination shear and brake



**SBR-1220**



Specifications - SBR-1220		
Bed Width	12"	305mm
Shear Capacity	20 ga. (.036")	1mm
Bending Capacity	20 ga. (.036")	1mm
Rolling Capacity	20 ga. (.036")	1mm
Maximum Bend Angle		90°
Minimum Rolling Dia.	1.54"	39mm
Power Requirement		Manual
Shipping Dimensions (L x W x H)	20" x 13" x 17"	508 x 330 x 432mm
Shipping Weight	125lbs.	57kgs.

Specifications subject to change without notice.

- Combination shear, sheet metal brake, and slip roll
- 12" forming width
- 20-gauge mild steel capacity
- Manually operated
- Segmented fingers on brake
- 3-wire grooves
- Bench mounted



## Presses – AP-3R / AP-5

### Specifications - AP-3R

Capacity	3 tons (US)	2.7 tons (UK)
Ram Size	1.5"	38mm
Throat Depth	5"	127mm
Maximum Material Height	11"	279mm
Power	Manual	
Shipping Dimensions (L x W x H)	18" x 9" x 25"	457 x 229 x 635mm
Shipping Weight	132lbs.	60kgs.

Specifications subject to change without notice.

- Ratcheting action
- Square ram for greater strength
- Rigid cast frame
- Includes 4-position die plate
- Die openings 7/8", 1-1/4", 1-3/4", and 2-1/8"



AP-3R



AP-5

### Specifications - AP-5

Capacity	5.6 tons (US)	5 tons (UK)
Maximum Arbor Height	2.75"	70mm
Ram Size	2" x 2"	50mm x 50mm
Throat Depth	8.89"	225.8mm
Maximum Material Height	15.75"	400mm
Power	Manual	
Shipping Dimensions (L x W x H)	30" x 15" x 37.5"	762 x 381 x 953mm
Shipping Weight	365lbs.	166kgs.

Specifications subject to change without notice.

- Adjustable handle for increased leverage
- Square ram for greater strength
- Rigid cast frame
- Includes 4-position die plate
- Die openings 3/4", 1-3/8", 1-3/4", and 2-1/2"





## Presses – HSP-20A

- 20 ton
- Pneumatic/manual operation
- Movable cylinder
- Automatic piston return
- Pressure gauge
- Includes vee-blocks
- 100 – 123 psi, 9 cfm



### Specifications - HSP-20A

Maximum Capacity	20 tons (US)	18 tons (UK)
Working Width	19.25"	489mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	7.5"	190.5mm
Cylinder Diameter	3"	76.2mm
Piston Rod Diameter	2"	50.8mm
Piston Head Diameter	2"	50.8mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	68" x 44" x 24"	1727 x 1118 x 610mm
Shipping Weight	319lbs.	145kgs.

*Specifications subject to change without notice.*



## Presses - HSP-30A / HSP-50A



- 30 ton
- Pneumatic/manual operation
- Movable cylinder
- Automatic piston return
- Pressure gauge
- Includes vee-blocks
- 100 - 123 psi, 9 cfm



### Specifications - HSP-30A

Maximum Capacity	30 tons (US)	27 tons (UK)
Working Width	22.5"	571.5mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	5.9"	150mm
Cylinder Diameter	4.5"	114mm
Piston Rod Diameter	3.5"	89mm
Piston Head Diameter	2.375"	60mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	76" x 44" x 24"	1930 x 1118 x 610mm
Shipping Weight	450lbs.	205kgs.

Specifications subject to change without notice.



HSP-30A

### Specifications - HSP-50A

Maximum Capacity	50 tons (US)	45 tons (UK)
Working Width	28.5"	723mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	7.8"	200mm
Cylinder Diameter	6"	152mm
Piston Rod Diameter	3.5"	89mm
Piston Head Diameter	2.75"	70mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	83" x 44" x 24"	2108 x 1118 x 610mm
Shipping Weight	803lbs.	365kgs.

Specifications subject to change without notice.



HSP-50A



- 50 ton
- Pneumatic/manual operation
- Foot pedal control
- Movable cylinder
- Automatic piston return
- Table winch
- Pressure gauge
- Includes vee-blocks
- 100 - 123 psi, 9 cfm



## Presses – HSP-75A / HSP-100A

### Specifications - HSP-75A

Maximum Capacity	75 tons (US)	67 tons (UK)
Working Width	31.5"	800mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	9.8"	249mm
Cylinder Diameter	9"	228mm
Piston Rod Diameter	3.5"	89mm
Piston Head Diameter	3"	76.2mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	83" x 44" x 24"	2108 x 1118 x 610mm
Shipping Weight	1,300lbs.	590kgs.

Specifications subject to change without notice.



HSP-75A

- 75 ton
- Pneumatic/manual operation
- Foot pedal control
- Movable cylinder
- Automatic piston return
- Table winch
- Pressure gauge
- Includes vee-blocks
- 100 – 123 psi, 9 cfm

HSP-100A



### Specifications - HSP-100A

Maximum Capacity	100 tons (US)	89 tons (UK)
Working Width	31"	787mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	11.8"	300mm
Cylinder Diameter	6.5"	165mm
Piston Rod Diameter	4"	101mm
Piston Head Diameter	3.5"	89mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	86" x 45" x 24"	2184 x 1143 x 610mm
Shipping Weight	1,705lbs.	775kgs.

Specifications subject to change without notice.

- 100 ton
- Pneumatic/manual operation
- Foot pedal control
- Movable cylinder
- Automatic piston return
- Table winch
- Pressure gauge
- Includes vee-blocks
- 100 – 123 psi, 9 cfm



## Presses – CFP-CD

- C-frame press
- Perfect for pressing or straightening
- Fully welded construction
- Hydraulically operated
- Adjustable slide pressure
- Two speed pressing
- Separate control pedestal
- 400V / 3Ph



Technical Specifications					
	CFP-25-CD	CFP-50-CD	CFP-80-CD	CFP-100-CD	CFP-150-CD
Capacity	25 ton	50 ton	80 ton	100 ton	150 ton
Motor	1.5kW	4kW	4kW	5.5kW	7.5kW
Throat Depth	250mm	265mm	290mm	325mm	375mm
Working Speed	3.2mm/s	6.3mm/s	5.7mm/s	6.2mm/s	4mm/s
Approaching Speed	20mm/s	30mm/s	28mm/s	30mm/s	26mm/s
Return Speed	28mm/s	42mm/s	40mm/s	49mm/s	40mm/s
Maximum Pressure	165 bar	320 bar	320 bar	320 bar	320 bar
Piston Stroke	250mm	250mm	250mm	250mm	250mm
Lower Table	400mm x 400mm	450mm x 450mm	500mm x 500mm	550mm x 550mm	650mm x 650mm
Max. Vertical Light	400mm	400mm	400mm	400mm	400mm
Working Height	850mm	850mm	850mm	900mm	950mm
Total Length	900mm	1350mm	1200mm	1650mm	1850mm
Total Width	510mm	960mm	1000mm	1050mm	1095mm
Total Height	1900mm	2020mm	2020mm	2160mm	2295mm
Weight	1050kgs	1480kgs	1750kgs	2340kgs	3220kgs

Specifications subject to change without notice.



## Presses – CFP-CF

- Open design C-frame press
- Perfect for pressing or straightening
- Fully welded construction
- Hydraulically operated
- Adjustable slide pressure
- Two speed pressing
- Separate control pedestal
- 400V / 3Ph



### Technical Specifications

	CFP-80-CF	CFP-100-CF	CFP-150-CF
Capacity	80 ton	100 ton	150 ton
Motor	7.5kW	7.5kW	7.5kW
Throat Depth	340mm	375mm	400mm
Working Speed	9mm/s	8mm/s	5.1mm/s
Approaching Speed	107mm/s	107mm/s	69mm/s
Return Speed	154mm/s	154mm/s	100mm/s
Maximum Pressure	290 bar	290 bar	290 bar
Piston Stroke	450mm	450mm	450mm
Lower Table	800mm x 550mm	700mm x 450mm	900mm x 650mm
Max. Vertical Light	650mm	650mm	650mm
Working Height	850mm	900mm	950mm
Total Length	1500mm	1950mm	2135mm
Total Width	1260mm	1310mm	1360mm
Total Height	2640mm	2790mm	2910mm
Weight	2980kgs	3820kgs	4100kgs

Specifications subject to change without notice.



## Presses – CFP-CM

- Open design C-frame press
- Perfect for pressing or straightening
- Fully welded construction
- Hydraulically operated
- Adjustable slide pressure
- Two speed pressing
- Separate control pedestal
- 400V / 3Ph



### Technical Specifications

	CFP-50-CM	CFP-80-CM	CFP-100-CM	CFP-150-CM
Capacity	50 ton	80 ton	100 ton	150 ton
Motor	4kW	5.5kW	7.5kW	10kW
Throat Depth	265mm	290mm	325mm	375mm
Working Speed	6.3mm/s	5.7mm/s	6.2mm/s	4mm/s
Approaching Speed	30mm/s	28mm/s	30mm/s	26mm/s
Return Speed	42mm/s	40mm/s	49mm/s	40mm/s
Maximum Pressure	320 bar	320 bar	320 bar	320 bar
Piston Stroke	250mm	250mm	250mm	250mm
Lower Table	700mm x 450mm	700mm x 500mm	800mm x 550mm	900mm x 650mm
Upper Table	550mm x 300mm	600mm x 350mm	650mm x 400mm	700mm x 450mm
Max. Vertical Light	400mm	400mm	400mm	400mm
Working Height	850mm	850mm	900mm	950mm
Total Length	1350mm	1500mm	1650mm	1850mm
Total Width	1180mm	1230mm	1260mm	1400mm
Total Height	2045mm	2060mm	2245mm	2390mm
Weight	1750kgs	2180kgs	2820kgs	3850kgs

Specifications subject to change without notice.



Specifications - BP-3

Capacity	3 tons (US)	2.6 tons (UK)
Stroke	3"	76mm
Throat Depth	12" x 3-3/4"	305mm x 95mm
Power	Manual	
Stand	Included	
Shipping Dimensions (L x W x H)	28" x 17" x 28"	711 x 432 x 711mm
Shipping Weight	165lbs.	75kgs.

Specifications subject to change without notice.

- Manually operated
- 3 ton capacity
- Includes stand
- Accepts louver, shear, brake, punch tooling and much more (sold separately)

Optional Tooling for BP-3 / BP-10E

- 1" Louver Die Set
- 2" Louver Die Set
- 3" Louver Die Set
- 4" Louver Die Set
- 5" Louver Die Set
- 90 Degree Bend Kit
- Corner Notcher Kit
- Complete Set of Punch and Bead Dies  
Set Includes 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"
- Complete Set of Punch and Flare Dies  
Set Includes 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"
- Radius Corner Attachment  
Radius are 1", 3/4", 1/2", and 1/4"
- Shear Kit

Metric sizes available.



BP-3



BP-10E



Presses - BP-3 / BP-10E

- Hydraulically operated
- 10 ton capacity
- 25" throat depth
- 240V
- Accepts louver, shear, brake, punch tooling and much more (sold separately)
- 1- 15 strokes/min.



Specifications - BP-10E

Capacity	10 tons (US)	9 tons (UK)
Stroke	4"	101mm
Throat Depth	25" x 6"	635mm x 152mm
Table Height	18"	457mm
Power	240V	
Shipping Dimensions (L x W x H)	54" x 46" x 25"	1372 x 1168 x 635mm
Shipping Weight	880lbs.	400kgs.

Specifications subject to change without notice.



## Ironworkers – HP-160 / SW-22M

### Specifications - HP-160

Max. Punching Capacity	.314"	4.775mm
Throat Depth	6.25"	159mm
Power	Manual	
Shipping Dimensions (L x W x H)	20.5" x 9" x 36.6"	521 x 229 x 927mm
Shipping Weight	176lbs.	80kgs.

Specifications subject to change without notice.

- Adjustable material stop
- Nine sets of punches and dies included
- Extra long handle for increased leverage
- Includes round punches and dies for 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", and 5/8"



**HP-160**  
HAND PUNCH



### Specifications - SW-22M

Shear Capacity		
Round	.625"	16mm
Square	.625"	16mm
Flat Bar	4" x .312"	100 x 8mm
Angle Iron	2.375" x 2.375" x .250"	60 x 60 x 6mm
Plate	.250"	6mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	39" x 16" x 26"	991 x 406 x 660mm
Shipping Weight	253lbs.	115kgs.

Specifications subject to change without notice.

- Shears angle iron, flat bar, T-bar, round and square stock
- Rigid construction
- Adjustable material hold down
- Spring-assisted return



**SW-22M**  
SHEAR



The SW-441 / SW-443 Hydraulic Ironworker from Baileigh Industrial is a 4 station machine with 44 tons of punching and shearing force. The four main functions of the SW-441 / SW-443 are punching, flat bar shearing, angle cutting, and section cutting for profiles. This pivot style ironworker is perfect for the shop on a budget, but this does not mean that it is short on features. The SW-441 / SW-443 is available in both single and three phase versions and are both CSA and CE certified.

## Ironworkers – SW-441 / SW-443



### Specifications - SW-441 / SW-443

Punching		
Punching Pressure	44 Tons (US)	40 Tons (UK)
Punch Capacity (Diameter x Thickness)	.75" x .625" 1.5" x .375"	20 x 15mm 38 x 8mm
Throat Depth	6.88"	175mm
Max. Stroke Length	1.125"	32mm
Cycles / Min.		23
Working Height Up to Die	42.32"	1075mm
Flat Shearing		
Flat Bar Shearing (Width x Thickness)	7.87" x .5" 13.77" x .25"	200 x 13mm 350 x 6mm
Blade Length	13.87"	352.5mm
Angle Flange Trim	3.14" x .393"	80 x 10mm
Working Height	42.32"	1075mm
Angle Shearing		
At 90° Shearing	3" x 3" x .25"	75 x 75 x 6mm
Working Height	40"	1016mm
Bar Shearing		
Round Bar Shear	1.125"	30mm
Square Bar Shear	1" x 1"	25 x 25mm
Working Height	44.88"	1140mm
Other		
Electrical Requirements	5 Hp – 220V 1/3-Phase	
Net Weight (Apr.)	1,320lbs.	600kg.
Dimensions (L x W x H)	44" x 22" x 59"	1120 x 560 x 1500mm

Specifications subject to change without notice.



- 44 Ton
- Oversize tables with adjustable stops
- Foot pedal controlled
- CE and CSA certified
- Material hold downs
- Includes 3/4" round punch
- Stroke control
- Many optional accessories available
- 220V single or three phase

### Optional Tooling for SW-441 / SW-443

- Single Vee press Break Attachment
- 1/4" Round Punch and Die Set 1/32" Clearance
- 5/16" Round Punch and Die Set 1/32" Clearance
- 3/8" Round Punch and Die Set 1/32" Clearance
- 7/16" Round Punch and Die Set 1/32" Clearance
- 1/2" Round Punch and Die Set 1/32" Clearance
- 9/16" Round Punch and Die Set 1/16" Clearance
- 5/8" Round Punch and Die Set 1/16" Clearance
- 11/16" Round Punch and Die Set 1/16" Clearance
- 3/4" Round Punch and Die Set 1/16" Clearance
- 13/16" Round Punch and Die Set 3/32" Clearance
- 7/8" Round Punch and Die Set 3/32" Clearance
- 15/16" Round Punch and Die Set 3/32" Clearance
- 1" Round Punch and Die Set 3/32" Clearance
- 1-1/16" Round Punch and Die Set 1/8" Clearance
- 1-1/8" Round Punch and Die Set 1/8" Clearance
- 1-3/16" Round Punch and Die Set 1/8" Clearance
- 1-1/4" Round Punch and Die Set 1/8" Clearance
- 1-1/2" Round Punch and Die Set 1/8" Clearance
- 1/4" Square Punch and Die Set 1/32" Clearance
- 1/2" Square Punch and Die Set 1/32" Clearance
- 3/4" Square Punch and Die Set 1/16" Clearance
- 1" Square Punch and Die Set 3/32" Clearance

Metric sizes available.



## Ironworkers – SW-60

The SW-60, as with all Baileigh Ironworkers, utilizes true vertical movement eliminating troublesome pivot points and linkages. This vertical design gives Baileigh Ironworkers the smoothest operation on the market. With both single and three phase power options available, the SW-60 is the preferred choice when choosing a single operator machine.

- True vertical movement at all stations
- Oversize tables with adjustable material stops
- Electronic stroke control
- Swing away material stripper
- Material waste bins
- Manual back gauge
- Jog feature for easy tooling setup
- Quick release coupler enables easy tool changeover
- Safety interlock switches
- Includes 7 sets of punches and dies (7/16" to 1-1/16")



SWING AWAY STRIPPER FOR EASY ACCESS AND FAST TOOLING CHANGES.



### Specifications - SW-60

Punching		
Punching Pressure	62 Tons (US)	55 Tons (UK)
Punch Capacity	1.125" x .625"	28 x 15mm
(Diameter x Thickness)	1.625" x .437"	40 x 11mm
Throat Depth	8"	200mm
Max. Stroke Length	2"	50mm
Cycles / Min.	28 @ 15mm	
Working Height Up to Die	39.5"	1000mm
Flat Shearing		
Flat Bar Shearing	13.50" x .625"	350 x 15mm
Blade Length	14.125"	360mm
Angle Flange Trim	4"	100mm
Working Height	31.5"	799mm
Angle Shearing		
At 90° Shearing	4" x 4" x .375"	100 x 100 x 8mm
Working Height	40"	1016mm
Bar Shearing		
Round Bar Shear	1.5"	40mm
Square Bar Shear	1.5" x 1.5"	38 x 38mm
Working Height	44"	1118mm
Notching		
Rect. Notcher (W x D x T)	2" x 3.5" x .312"	50.8 x 90 x 8mm
Working Height	40"	1016mm
Special Tooling		
Single Vee Press Brake (L x T)*	6.312" x .312**	160 x 8mm*
Multi-Vee Press Brake (L x T)*	9.875" x .156**	250 x 4mm*
Angle Bending*	2.5" x .312**	65 x 8mm*
Pipe Notching*	2.5**	63mm*
Vee-Notcher (Side x Side x T)*	3.5" x 3.5" x .312**	90 x 90 x 8mm*
Channel Shear	4**	102mm*
I Beam Shear	4**	102mm*
Other		
Electrical Requirements	5 Hp – 220V 1/3-Phase 60	
Net Weight (Apr.)	2,310lbs.	1050kg.
Dimensions (L x W x H)	45" x 30" x 68"	1092 x 762 x 1727mm

\*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.





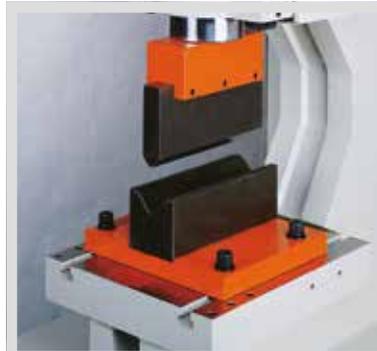
CHANNEL OR ANGLE PUNCHING



CHANNEL SHEARING



TUBE & PIPE NOTCHING



SINGLE VEE BRAKES



MULTI VEE BRAKE

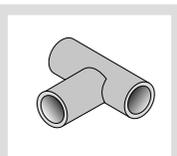
## Ironworkers – Tooling

Baileigh Industrial, long known for their top quality line of metal fabricating equipment, now has their own line of tooling for their Industrial line of Ironworkers.

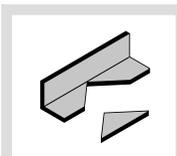
Baileigh Industrial carries a vast amount of tooling in stock and can special order just about anything your job would require.

We carry a full range of punches and dies for various punching needs.

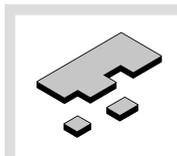
Baileigh Industrial also offers a full line of accessories for specialized applications.



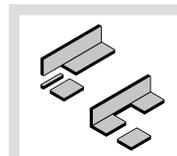
PIPE NOTCHING\*



VEE-NOTCHING\*



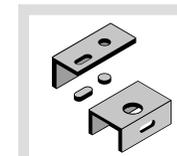
NOTCHING



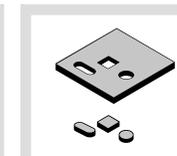
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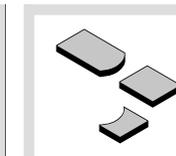
PIPE PUNCHING\*



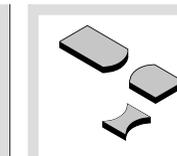
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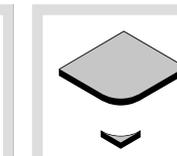
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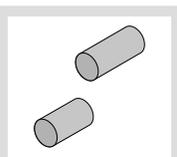
CUTTING & ROUNDING OFF\*



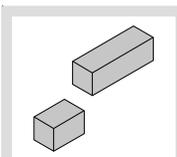
BILATERAL ROUNDING OFF\*



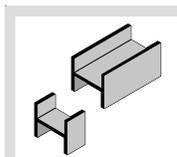
ROUNDING OFF CORNERS\*



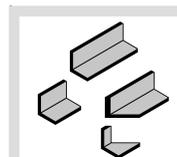
ROUND BAR SHEAR



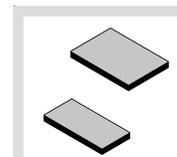
SQUARE BAR SHEAR



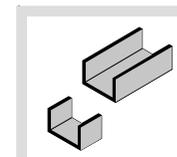
I-BEAM SHEAR\*



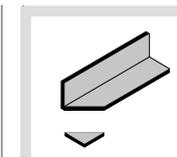
ANGLE SHEAR



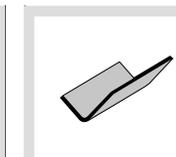
FLAT-BAR SHEAR



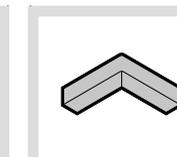
CHANNEL SHEAR\*



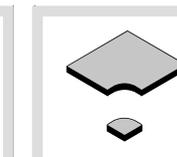
ANGLE MITER SHEAR



PRESS BRAKE\*



ANGLE-BENDING\*



RADIUS CORNERS\*

\*Denotes Optional Tooling



# Race Team



*"Baileigh are a great partner to deal with, enthusiastic, knowledgeable and above all approachable, when we needed to refit our new machine shop they came up with the best solution to match our requirements, a lot of which we had previously had to outsource, so now we can control everything in house in a timely and productive manner"*

Matt Neal



Brands Hatch



Croft



Knockhill



Oulton Park



Donington Park



Silverstone



Snetterton



Rockingham



Thruxton



Workshop



## Metal Forming – MCB-650



- Bends up to 200°
- 7 radius dies included
- Pedestal stand standard



### Specifications - MCB-650

Bend Capacity	2" x .236"	50 x 6mm
Angle Capacity	0° - 200°	
Shipping Dimensions (L x W x H)	35" x 10.5" x 10.5"	889 x 267 x 267mm
Shipping Weight	53lbs.	25kgs.

*Specifications subject to change without notice.*



## Metal Forming – MPB-10 / MPB-15

### Specifications - MPB-10

Capacity		
Round	.394"	10mm
Flat Bar	1.180" x .394"	30mm x 10mm
Square	.394"	10mm
Shipping Dimensions (L x W x H)		
Shipping Dimensions (L x W x H)	36" x 20" x 15"	914 x 508 x 381mm
Shipping Weight		
Shipping Weight	50lbs.	23kgs.

Specifications subject to change without notice.



- Scroll bender
- Includes 3" and 7" tooling
- Bench-mounted
- 3", 5" and 7" scroll die



**MPB-10**



### Specifications - MPB-15

Capacity		
Round	.590"	15mm
Flat Bar	1.180" x .314"	30mm x 8mm
Square	.511"	13mm
Scroll Capacity	.375"	9.5mm
Shipping Dimensions (L x W x H)		
Shipping Dimensions (L x W x H)	20" x 13" x 9"	508 x 330 x 228mm
Shipping Weight		
Shipping Weight	52lbs.	24kgs.

Specifications subject to change without notice.

- Bend rolls, hoops, and coils
- Works with round, square, and flat stock
- Bench-mounted
- 3" diameter pin
- 90° bend die
- 5-1/4" scroll



**MPB-15**



## Metal Forming – MPB-275

- Maximum rotation 9999° bidirectional
- 5 second 180° bend speed
- 6 rpm output maximum
- 1.25 sch. 40 pipe capacity
- 1/2 x 2 easy way solid steel capacity
- 1 x 1 solid bar capacity
- 1.0 diameter steel bar capacity
- Includes bend pins (1.5" tall) – 3.0 IR, 2.5 IR, 2.0 IR, 1.5 IR, 1.25, 1.0, 0.625 IR
- Includes universal bending plate with 4 hardened lock pins
- Includes tight nose bending tool
- Includes roller bending tool
- Includes one rotating stop and one fixed stop
- Includes adapter to run standard dies and counter dies standard RDB-250 controller
- Includes 4 shear pins

### Specifications - MPB-275

Capacity		
Solid Round	1"	25mm
Flat Bar (easy way)	1/2" x 2"	12 x 50mm
Solid Square	1" x 1"	25 x 25mm
Round Pipe (sched. 40)	1-1/4"	31.75mm
Max. Degree of Bend	9999°	
Bend Direction	Bidirectional	
Max. Bend Speed	180° in 5 sec.	
Max. RPM	6	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727mm
Shipping Weight	750lbs.	341kgs.

Specifications subject to change without notice.



SCROLL



SCROLL PINS



DIES



BEND PLATE



DEGREE PLATE



OFFSET PIN

# #BAILEIGH\_UK



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Simply tag your pictures or videos with #baileigh\_UK or #baileigh\_industrial to be featured.



## Bead Rollers – BR-18M-18

- 18" throat depth
- 18-gauge mild steel capacity
- Floor stand included
- Includes beading and flanging dies



### Specifications - BR-18M-18

Capacity (mild steel)	18 ga.	
Throat Depth	18"	457mm
Shipping Dimensions (L x W x H)	36" x 18" x 8"	914 x 457 x 203mm
Shipping Weight	97lbs.	45kgs.

Specifications subject to change without notice.



- 18-gauge mild steel capacity
- 16-gauge aluminum capacity
- 24" throat depth
- Manual control
- Stand and depth stop included
- Adjustable length top and bottom shafts



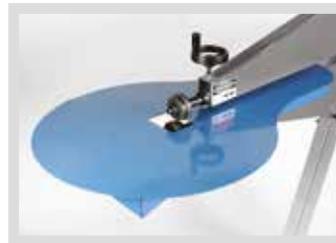
**BR-18M-24**



**Specifications - BR-18M-24**

Capacity (mild steel)	18 ga.	
Throat Depth	24"	609mm
Stand	Included	
Roll Holder	Included	
Adjustable Depth Stop	Included	
Shipping Dimensions (L x W x H)	36" x 18" x 8"	914 x 457 x 203mm
Shipping Weight	110lbs.	50kgs.

Specifications subject to change without notice.



OPTIONAL WORK TABLE



**Specifications - BR-18E-24**

Capacity (mild steel)	16 ga.	
Throat Depth	24"	609mm
Stand	Included	
Roll Holder	Included	
Adjustable Depth Stop	Included	
Power	240V	
Motor HP	1/8 hp	
Shipping Dimensions (L x W x H)	50.5" x 28" x 12"	1283 x 711 x 305mm
Shipping Weight	150lbs.	69kgs.

Specifications subject to change without notice.



**BR-18E-24**

- 16-gauge mild steel capacity
- 16-gauge aluminum capacity
- 24" throat depth
- Variable speed foot pedal control
- Forward and reverse rotation
- Stand and depth stop included
- Adjustable length top and bottom shafts
- 240V



## Bead Rollers – BR-18E-36



OVERSIZED HAND WHEEL



DEPTH STOP



OPTIONAL WORK TABLE

- 16-gauge mild steel capacity
- 16-gauge aluminum capacity
- 36" throat depth
- Variable speed foot pedal control
- Forward and reverse rotation
- Stand and depth stop included
- Adjustable length top and bottom shafts
- 240V



### Specifications - BR-18E-36

Capacity (mild steel)	16 ga.	
Throat Depth	36"	915mm
Stand	Included	
Roll Holder	Included	
Adjustable Depth Stop	Included	
Power	240V	
Motor HP	1/8 hp	
Shipping Dimensions (L x W x H)	50.5" x 28" x 12"	1283 x 711 x 305mm
Shipping Weight	200lbs.	91kgs.

Specifications subject to change without notice.

### Optional Tooling for BR-18E

.090" Step Roll Set
1" Flat Bead Roll Set
1" Round Bead Roll Set
1/16" Step Roll Set
1/2" Flat Bead Roll Set
1/2" Round Bead Roll Set
1/4" Flat Bead Roll Set
1/4" Round Bead Roll Set
1/4" Step Roll Set
1/8" Flat Bead Roll Set
1/8" Round Bead Roll Set
1/8" Step Roll Set
1-1/4" Spoiler Roll Set
3/16" Flat Bead Roll Set
3/16" Round Bead Roll Set
3/16" Step Roll Set
3/32 Step Roll Set
3/4" Flat Bead Roll Set
3/4" Round Bead Roll Set
3/8" Flat Bead Roll Set
3/8" Round Bead Roll Set
45 Degree Step Roll Set
5/16" Flat Bead Roll Set
5/16" Round Bead Roll Set
5/8" Round Bead Roll Set
Thin Bead Art Roll (One Roll)
Thin Bead Art Roll (Set of 2 Dies)
Hem Roll Set #1 (Set of 2 Dies)
Hem Roll Set #2 (Set of 2 Dies)
Hem Roll Set #3 (Set of 2 Dies)
Rotary Shear Set (Set of 2 Dies)
Plastic Solid Groove Roll (One Roll)
Plastic Solid Roll (Set of Two Dies)
Tipping Roll Set (Set of Two Dies)
Heavy Duty Tube Bead Set (Set of Two Dies)
Plastic Universal Groove Roll (One Roll)
"Z" Soft Step Roll Set (Set of Two Dies)

Metric sizes available.



## Bead Rollers – BR-16E-36EV

- Envelope style throat for maximum rigidity
- 16-gauge mild steel
- 14-gauge aluminum capacity
- 36" throat depth
- Inverter driven
- Variable speed foot pedal control
- Forward and reverse rotation
- Quick release top roll
- Adjustable depth on top roll
- Depth stop included
- 240V
- Optional tooling on page 94
- See available tools on pages 96 and 97



*"Working with Baileigh Industrial over the years has been a great way to keep up with cutting edge machinery and to network with other pioneers in the field"*

Mike Wagner – Owner  
Cornfield Customs Ltd.



### Specifications - BR-16E-36EV

Capacity (mild steel)	16 ga.	
Capacity (aluminum)	14 ga.	
Throat Depth	36"	915mm
Throat Style	Envelope	
Shaft Diameter	3/4"	19.05mm
Tool Holding	Pressure	
Power	240V	
Motor HP	1/2 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727mm
Shipping Weight	300lbs.	137kgs.

Specifications subject to change without notice.



## Bead Rollers – BR-16E-36LT



- Lower throat style for more access to curved panels
- 16-gauge mild steel
- 14-gauge aluminum capacity
- 36" throat depth
- Inverter driven
- Variable speed foot pedal control
- Forward and reverse rotation
- Quick release top roll
- Adjustable depth on top roll
- Depth stop included
- 240V
- See available tools on pages 96 and 97



### Specifications - BR-16E-36LT

Capacity (mild steel)	16 ga.	
Capacity (aluminum)	14 ga.	
Throat Depth	36"	915mm
Throat Style	Lower Throat	
Shaft Diameter	3/4"	19.05mm
Tool Holding	Pressure	
Power	240V	
Motor HP	1/2 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727mm
Shipping Weight	300lbs.	137kgs.

Specifications subject to change without notice.



### Optional Tooling-EV/LT

.025" Step Roll Set with 3/4" Shaft, 2.5" Dia.
.032" Step Roll Set with 3/4" Shaft, 2.5" Dia.
.050" Narrow Art Set with 3/4" Shaft, 2.5" Dia.
.050" Step Roll Set with 3/4" Shaft, 2.5" Dia.
.062" Step Roll Set with 3/4" Shaft, 2.5" Dia.
.125" Bead Roll Set with 3/4" Shaft, 2.5" Dia.
1/8" Step Roll Set with 3/4" Shaft, 2.5" Dia.
.1875" Bead Roll Set with 3/4" Shaft, 2.5" Dia.
.1875" Step Roll Set with 3/4" Shaft, 2.5" Dia.
.25" Flat Bead Roll Set with 3/4" Shaft, 2.5" Dia.
.250" Bead Roll Set with 3/4" Shaft, 2.5" Dia.
.3125" Flat Bead Roll Set with 3/4" Shaft, 2.5" Dia.
.375" Bead Roll Set with 3/4" Shaft, 2.5" Dia.
.5" Bead Roll Set with 3/4" Shaft, 2.5" Dia.
.5" Flat Bead Roll Set with 3/4" Shaft, 2.5" Dia.
3/4" Round Bead Roll with 3/4" Shaft, 2.5" Dia.
1/2" Radius Tank Roll Set with 3/4" Shaft, 2.5" Dia.
1/2" Vee Roll Set with 3/4" Shaft, 2.5" Dia.
1/4" Radius Tank Roll Set with 3/4" Shaft, 2.5" Dia.
1/8" Flat Bead Roll Set with 3/4" Shaft, 2.5" Dia.
3" Blank Roll Set with 3/4" Shaft, 2.5" Dia.
3" Flat Roll Set with 3/4" Shaft, 2.5" Dia.
3/8" Flat Bead Roll Set with 3/4" Shaft, 2.5" Dia.
30 Degree Roll Set with 3/4" Shaft, 2.5" Dia.
45 Degree Roll Set with 3/4" Shaft, 2.5" Dia.
5/16" Round Bead Roll Set with 3/4" Shaft, 2.5" Dia.
5/32" Radius Tank Roll Set with 3/4" Shaft, 2.5" Dia.
Blank Flat Rubber Roll with 3/4" Shaft, 2.5" Dia.
Tipping Roll Set with 3/4" Shaft, 2.5" Dia.
1/8" Wire bead dies with 3/4" Shaft, 2.5" Dia
Rotary Shear Set (Set of 2 Dies)
Plastic Solid Groove Roll (One Roll)
Plastic Solid Roll (Set of Two Dies)
Tipping Roll Set (Set of Two Dies)
Heavy Duty Tube Bead Set (Set of Two Dies)
Plastic Universal Groove Roll (One Roll)
"Z" Soft Step Roll Set (Set of Two Dies)

Metric sizes available.





**Optional Tooling for BR-16E**

- .025" Step Roll Set, 3" Dia.
- .032" Step Roll Set, 3" Dia.
- .050" Step Roll Set, 3" Dia.
- .062" Step Roll Set, 3" Dia.
- .125" Bead Roll Set, 3" Dia.
- .1875" Bead Roll Set, 3" Dia.
- .250" Bead Roll Set, 3" Dia.
- .3125" Bead Roll Set, 3" Dia.
- .375" Bead Roll Set, 3" Dia.
- .5" Bead Roll Set, 3" Dia.
- 3" Blank Roll Set, 3" Dia.
- 3" Flat Roll Set, 3" Dia.
- 30 Degree Roll Set, 3" Dia.
- 45 Degree Roll Set, 3" Dia.
- Tipping Roll Set, 3" Dia.
- .120" Step Roll Set, 3" Dia.
- .25" Flat Bead Roll Set, 3" Dia.
- .5" Flat Bead Roll Set, 3" Dia.
- 5/32" Radius Tank Roll Set, 3" Dia.
- 1/8" Step Roll Set, 3" Dia.
- .1875" Step Roll Set, 3" Dia.
- 3/4" Round Bead Roll, 3" Dia.

*Metric sizes available.*

## Bead Rollers – BR-16E-36

- Upper throat style for more access to curved panels
- 16-gauge mild steel
- 14-gauge aluminum capacity
- 36" throat depth
- Inverter driven
- Variable speed foot pedal control
- Forward and reverse rotation
- Left or right hand operation controls
- Quick release top roll
- Adjustable depth on bottom roll
- Depth stop included
- 240V
- See available tools on pages 96 and 97



**Specifications - BR-16E-36EV**

Capacity (mild steel)	16 ga.	
Capacity (aluminum)	14 ga.	
Throat Depth	36"	915mm
Throat Style	Lower Throat	
Shaft Diameter	7/8"	22.22mm
Tool Holding	Keyway with Pressure	
Power	240V	
Motor HP	1/2 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727mm
Shipping Weight	300lbs.	137kgs.

*Specifications subject to change without notice.*



# Tooling – Top BR-18E Optional Roll Sets

All roll sets are available in steel or nylon.



EXAMPLE OF STEEL ROLL SET



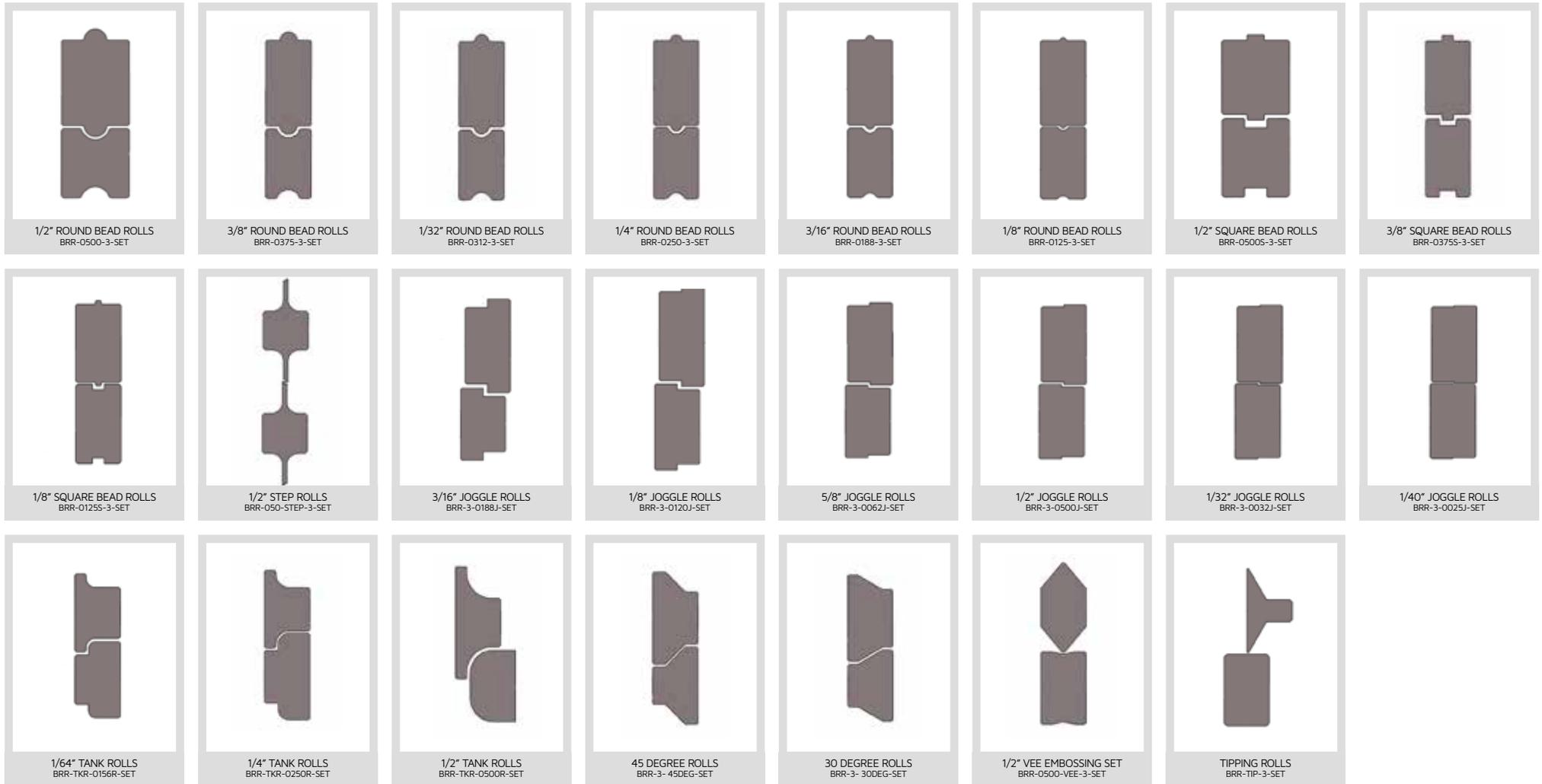
EXAMPLE OF NYLON ROLL SET

1/8" ROUND BEAD	3/16" ROUND BEAD	1/4" ROUND BEAD	5/16" ROUND BEAD	3/8" ROUND BEAD	1/2" ROUND BEAD
5/8" ROUND BEAD	3/4" ROUND BEAD	1" ROUND BEAD	1/8" FLAT BEAD	3/16" FLAT BEAD	1/4" FLAT BEAD
5/16" FLAT BEAD	3/8" FLAT BEAD	1/2" FLAT BEAD	3/4" FLAT BEAD	1" FLAT BEAD	1/16" STEP ROLL
3/32" STEP ROLL	1/8" STEP ROLL	3/16" STEP ROLL	1/4" STEP ROLL	45° STEP ROLL	



# Tooling – BR-16E-36 Standard Rolls

Blank rolls and custom rolls are available



## Shrinker Stretchers – MSS-18

- Standard adjustable height stand
- Housing and jaws for shrinking and stretching included



### Specifications - MSS-18

Capacity		
Mild Steel		18 ga.
Aluminum		16 ga.
Throat Depth	1.5"	38mm
Stand	Included	
Shipping Dimensions (L x W x H)	44" x 21" x 9"	1118 x 533 x 229mm
Shipping Weight	70lbs.	32kgs.

*Specifications subject to change without notice.*



## Shrinker Stretchers – MSS-16

- 16-gauge mild steel capacity
- 8" throat depth
- Includes both shrinker and stretcher jaws



### Specifications - MSS-16

Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	8"	203mm
Stand	Optional	
Shipping Dimensions (L x W x H)	36" x 20" x 15"	914 x 508 x 381mm
Shipping Weight	50lbs.	23kgs.

Specifications subject to change without notice.



## Shrinker Stretchers – MSS-16F

### Specifications - MSS-16F

Capacity		
Mild Steel		16 ga.
Aluminum		14 ga.
Throat Depth	6"	152mm
Stand	Included	
Shipping Dimensions (L x W x H)	5.5" x 20" x 8"	1156 x 508 x 203mm
Shipping Weight	92lbs.	42kgs.

Specifications subject to change without notice.

- 16-gauge mild steel capacity
- 6" throat depth
- Includes quick change jaws for shrinking and stretching of mild steel
- Less marring
- Aluminum jaws available
- Foot pedal operated



### Optional Tooling

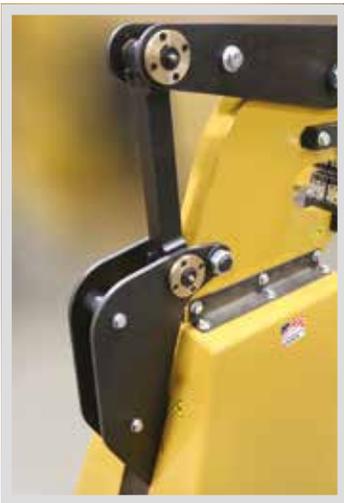
Set of Shrinker Jaws for Aluminum, less marking

Set of Stretcher Jaws for Aluminum, less marking



## Metal Forming – MSS-14F

- 14-gauge mild steel capacity
- 6" throat depth
- Foot operated
- Unique reversible jaws for shrinking and stretching
- Patent no. 9,021,849



Specifications - MSS-14F		
Capacity		
Mild Steel		16 ga.
Aluminum		14 ga.
Throat Depth	6"	152mm
Stand	Included	
Movement	Foot Operated	
Power	Manual	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x1118 x1676mm
Shipping Weight	200lbs.	90kgs.

Specifications subject to change without notice.



## Metal Forming – MSS-14H

- 14-gauge mild steel capacity
- 6" throat depth
- Hydraulic / pneumatic operation
- Unique reversible jaws for shrinking and stretching
- 240V
- Patent pending



### Specifications - MSS-14H

Capacity		
Mild Steel		14 ga.
Aluminum		12 ga.
Throat Depth	6"	152mm
Stand	Included	
Movement	Hydraulic Down / Pneumatic Up	
Power	240V	
Shipping Dimensions (L x W x H)	60" x 44" x 66"	1524 x1118 x1676mm
Shipping Weight	300lbs.	136kgs.

Specifications subject to change without notice.





## English Wheels – EW-28

- 18-gauge mild steel capacity
- 28" throat depth
- Flip out tool holder
- Heavy-duty stand
- Includes 6 radius anvils



### Specifications - EW-28

Capacity		
Mild Steel		18 ga.
Aluminum		14 ga.
Throat Depth	28"	711mm
Lower Die Radius	2", 3", 4", 6", 8", 12"	51,76,102,152,203,305mm
Top Wheel Dimensions	8" x 2"	203 x 51mm
Shipping Dimensions (L x W x H)	36" x 34" x 15"	914 x 864 x 381mm
Shipping Weight	191lbs.	87kgs.

*Specifications subject to change without notice.*



## English Wheels - EW-42

- 16-gauge mild steel capacity
- Fully welded construction
- 9 interchangeable hardened metal rolls
- Sealed bearings in wheels
- Cam quick release
- Foot wheel tension adjustments
- 37-3/4" throat depth
- 90 degree swivel head
- Upper roll size: flat, 2-1/4" w x 6" dia.
- Includes tooling holder
- Step and bead tooling included

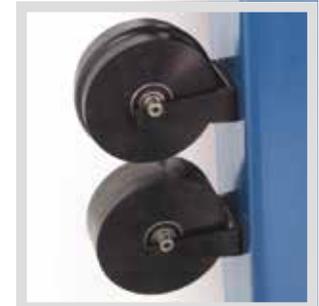


### Specifications - EW-42

#### Capacity

Mild Steel		16 ga.
Aluminum		14 ga.
Throat Depth	37.75"	960mm
Lower Die Edge Radius	.125", .50", .75"	3.175, 12.7, 19.05mm
Lower Crown Radius	6" x 2.24"	152.4mm x 57.15mm
Top Wheel Dimensions	6" x 2.25"	178 x 76mm
Step Roll	.313" x .25"	7.951mm x 6.35mm
Bead Rolls	.75", 1.5"	19.05mm, 38.1mm
Shipping Dimensions (L x W x H)	68" x 36" x 15"	1727 x 914 x 381mm
Shipping Weight	407lbs.	185kgs.

Specifications subject to change without notice.





## English Wheels - EW-30

- 30" throat depth
- Ridged twin plate design
- Integrated roll holder
- 10" x 3" upper wheel
- Locking cam quick release
- Includes 7 lower anvils



### Specifications - EW-30

Capacity		
Mild Steel		10 ga.
Aluminum	0.125 (Soft)	3.175mm
Throat Depth	30"	940mm
Lower Die Radii (inch)	Flat, 36, 24, 12, 8, 6, 4, 2	
Lower Wheel Dimensions	3"	76.2mm
Top Wheel Dimensions	10" Dia. x 3.0	254 x 76.2mm
Shipping Dimensions (L x W x H)	48" x 48" x 84"	1220 x 1220 x 2134mm
Shipping Weight	1,000lbs.	454kgs.

*Specifications subject to change without notice.*



## English Wheels - EW-37HD



- 37" Oversized throat depth
- Ridged twin plate design
- Integrated roll holder
- 10" x 3" upper wheel
- Locking cam quick release
- Includes 7 lower anvils



### Specifications - EW-37HD

Capacity		
Mild Steel		10 ga.
Aluminum	0.125 (Soft)	3.175mm
Throat Depth	37"	940mm
Lower Die Radii (inch)	Flat, 36, 24, 12, 8, 6, 4, 2	
Lower Wheel Dimensions	3"	76.2mm
Top Wheel Dimensions	10" Dia. x 3.0	254 x 76.2mm
Shipping Dimensions (L x W x H)	48" x 48" x 84"	1220 x 1220 x 2134mm
Shipping Weight	1,600lbs.	728kgs.

Specifications subject to change without notice.



# Planishing Hammer – PH-36A



INCLUDED TOOLING



OPTIONAL DOG LEG FOR MORE CLEARANCE



- 16 gauge mild steel capacity
- Air operation
- Includes filter, oiler, regulator and foot pedal
- 36" throat depth
- Adjustable material opening
- Top and bottom supports have adjustable length for offset planishing
- Includes 7 radius dies, flat, 2", 3", 6", 8", 12", and 24"
- Fully assembled



### Specifications - PH-36A

Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	36"	915mm
Tooling Height Adjustment	11"	280mm
Speed (variable)	3200 beats / minute	
Included Tooling	Flat 2", 3", 6", 12", 24" Radii	
Power	80 - 120 psi	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727mm
Shipping Weight	200lbs.	91kgs.

Specifications subject to change without notice.



## Reciprocating Hammer – PH-19

- 19" throat depth
- Quick release handle raises top ram
- Quick change tooling
- Adjustable stroke
- Fully adjustable lower tool post
- Variable speed option
- Includes portable stand
- Adjustable tool clearance
- 240V
- See tooling on pages 116 and 117



### Specifications - PH-19

Capacity		
Mild Steel		16 ga.
Aluminum		12 ga.
Throat Depth	19"	483mm
Tooling Height Adjustment	5"	127mm
Speed (variable)	0 - 1700 beats / minute	
Power	240V	
Shipping Dimensions (L x W x H)	60" x 48" x 84"	1524 x 1219 x 2134mm
Shipping Weight	1,000lbs.	455kgs.

Specifications subject to change without notice.



### Optional Tooling for PH-19

3/8" Louver Tool for Power Hammer

1/4" Beading Die Set Top & Bottom

3/8" Beading Die Set Top & Bottom

1/2" Beading Dies, Set of Two 2.0 Dia.

2" Diameter Blank Die, 1" Thick

3" Diameter Blank Die, 1" Thick

Mini Thumbnail Shrink Dies, Set of Two

1.5 Radius Lower Die 2.0" Dia.

2.0 Radius Lower Die 2.0" Dia.

3.0 Radius Lower Die 2.0" Dia.

6.0 Radius Lower Die 2.5" Dia.

8.0 Radius Lower Die 2.5" Dia.

12.0 Radius Lower Die 2.5" Dia.

24.0 Radius Lower Die 2.5" Dia.

36.0 Radius Lower Die 2.5" Dia.

Rubber Top Die 80 Durometer 3.0 Dia.

Universal Tool Holder, 1/2" Square Opening, Set of Two

Universal Tool Holder, 3/4" Square Opening, Set of Two

Universal Tool Holder, 7/8" Square Opening, Set of Two

Metric sizes available.



# Reciprocating Hammer – PH-19VS

- Inverter driven
- Variable speed
- 19" throat depth
- Quick release handle raises top die
- Fully adjustable lower die
- Portable
- 240V
- See tooling on pages 116 and 117



### Specifications - PH-19VS

Capacity		
Mild Steel		16 ga.
Aluminum		12 ga.
Throat Depth	19"	483mm
Tooling Height Adjustment	5"	127mm
Speed (variable)	0 - 1700 beats / minute	
Power	240V	
Shipping Dimensions (L x W x H)	60" x 48" x 84"	1524 x 1219 x 2134mm
Shipping Weight	1,000lbs.	455kgs.

*Specifications subject to change without notice.*



## Power Hammer – IRM-32

- 16 gauge mild steel capacity
- Uses – thumbnail shrinking, deep panel mechanical shrinking, beading, and louvering
- Uses inertial to move metal
- Variable speed up to 1000 beats per minute
- 32" throat depth
- Quick release tooling
- Includes 2" thumbnail shrinking dies and 3/4" collet adapters
- Fully assembled
- See tooling on pages 116 and 117



### Specifications - IRM-32

Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	32"	812mm
Speed (variable)	1000 beats / minute	
Tooling Height Adjustment	2'	50mm
Included Tooling	2" Thumbnail Shrinking Dies, 3/4" Collet Adapters	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	48" x 48" x 80"	1220 x 1220 x 2032mm
Shipping Weight	1,200lbs.	545kgs.

Specifications subject to change without notice.





## Power Hammer – PH-28A

- 16-gauge mild steel capacity
- Air Operation
- Can shrink and stretch
- Includes filter, oiler, regulator, and foot pedal
- 28" throat depth
- Quick release tooling
- Includes 2" thumbnail shrinking dies, 2.5" master flat top die, 1" linear stretch die, 36", 24", 12", & 3" radius dies
- Fully assembled
- See tooling on pages 116 and 117



### Specifications - PH-28A

Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	28"	712mm
Speed (variable)	900 beats / minute	
Included Tooling	2" Thumbnail Shrinking Dies, 2.5" Master Flat Top Die, 1" Linear Stretch Die, 36", 24", 12", & 3" Radius Dies	
Power	80-120 psi	
CFM	7.1 @ 90 psi	
Shipping Dimensions (L x W x H)	36" x 48" x 70"	915 x 1220 x 1780mm
Shipping Weight	900lbs.	410kgs.

*Specifications subject to change without notice.*

# Power Hammer – PH-28HD

## Specifications - PH-28HD

Capacity		
Mild Steel		14 ga.
Aluminum		10 ga.
Throat Depth	28"	712mm
Length of Stroke	3 Fixed Lengths: 1/4", 1/2", 3/4"	
Tooling Height Adjustment	2"	50mm
Speed (variable)	0 - 1000 beats / minute	
Motor	3 hp	
Power	240V / 1Ph	
Shipping Dimensions (L x W x H)	48" x 48" x 96"	1220 x 1220 x 2440mm
Shipping Weight	2,000lbs.	910kgs.

Specifications subject to change without notice.

- 28" throat depth
- Economical
- Operates as a Yoder style hammer
- Quick change tooling
- Variable speed
- Adjustable stroke and clearance
- Foot pedal control
- 240V / 1Ph
- See tooling on pages 116 and 117



QUICK RELEASE UP



QUICK RELEASE DOWN



SPRING

## Optional Tooling for PH-28HD

- 2" Diameter Blank Die, 1" Thick
- 3" Diameter Blank Die, 1" Thick
- 2.5" Dia. Medium Thumbnail Shrink Dies, Set of Two
- 2" Dia. Mini Thumbnail Shrink Dies, Set of Two
- Master Flat Top Die 2.0" Dia.
- Master Flat Top Die 3.0" Dia.
- 1.5" Radius Lower Die 2.0" Dia.
- 2.0" Radius Lower Die 2.0" Dia.
- 3.0" Radius Lower Die 2.0" Dia.
- 6.0" Radius Lower Die 2.5" Dia.
- 6.0" radius lower die 3.0 Dia.
- 8.0" radius lower die 2.5" Dia.
- 8.0" Radius Lower Die 3.0" Dia.
- 12.0" Radius Lower Die 2.5" Dia.
- 12.0" Radius Lower Die 3.0" Dia.
- 24.0" Radius Lower Die 2.5" Dia.
- 24.0" Radius Lower Die 3.0" Dia.
- 36.0" Radius Lower Die 2.5" Dia.
- 36.0" Radius Lower Die 3.0" Dia.
- 1.0" Flat X 6.0R Lower Planish Die 3.0 Dia.
- 1" Radius Linear Stretch
- Rubber Top Die 80 Durometer 3.0 Dia.
- 3" Dia. Large Thumbnail Shrink Dies, Set Of Two
- Universal Tool Holder, 1/2" Square Opening, Set Of Two
- Universal Tool Holder, 3/4" Square Opening, Set of Two
- Universal Tool Holder, 7/8" Square Opening, Set of Two
- Complete Air Hammer Option for MH-19, 36" Throat depth

Metric sizes available.

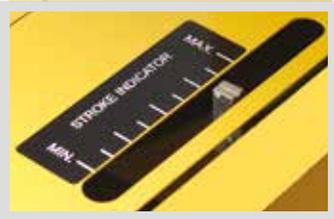




QUICK CHANGE TOOLING



CONTROLLER



STROKE INDICATOR

### Included Tooling

- Large shrink die set flat top master die
- 1.0 x 6.0 plannish die
- 36.0R die
- 24.0R die
- 12.0R die
- Linear stretch die



## Power Hammer – MH-37HD

- Variable foot speed control with adjustable limit
- Capacity (rated by shrinking ability)  
1/8" steel / 1/4" alum.
- Replaceable main hammering springs
- Power hammer mode and rigid mode via shear pin
- Quick release die changes
- Quick release lower die anvil
- Work light
- See optional tooling on pages 116 and 117



### Specifications - MH-37HD

Capacity		
Mild Steel	1/8"	3.175mm
Soft Aluminum	1/4"	6.35mm
Throat Depth	37"	940mm
Length of Stroke	.1" to .75"	2.54mm to 19.05mm
Tooling Height Adjustment	2"	50mm
Speed	0 - 1500 beats / minute	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	72" x 60" x 90"	1830 x 1530 x 2290mm
Shipping Weight	6,000lbs.	2722kgs.

*Specifications subject to change without notice.*

## Power Hammer – MH-19

### Specifications - MH-19

Capacity		
Mild Steel		16 ga.
Aluminum		12 ga.
Throat Depth	19"	483mm
Length of Stroke (adj.)	.177" - .550"	4.5mm - 14mm
Tooling Height Adjustment	2"	50mm
Speed (variable)	0 - 1500 beats / minute	
Power	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 60" x 84"	1524 x 1524 x 2134mm
Shipping Weight	1,600lbs.	728kgs.

Specifications subject to change without notice.

- Operates as a reciprocating machine, English Wheel, and Yoder style hammer
- Variable speed
- Adjustable stroke and clearance
- Foot pedal control
- Includes thumbnail shrink dies
- 240V / 1Ph
- US patent no. 7,810,368
- See tooling on pages 116 and 117



TOOL GAP  
ADJUSTMENT



VARIABLE SPEED  
CONTROL



ADJUSTABLE  
STROKE



### Optional Tooling for MH-19

- 3/8" Louver tool for Power Hammer
- 1/4" Beading Dies Set of Two 2.0" Dia.
- 3/8" Beading Dies Set of Two 2.0" Dia.
- 1/2" Beading Dies Set of Two 2.0" Dia.
- 2" Diameter Blank Die, 1" Thick
- 3" Diameter Blank Die, 1" Thick
- 2.5" Dia. Medium Thumbnail Shrink Dies, Set of Two
- 2" Dia. Mini Thumbnail Shrink Dies, Set of Two
- Mechanical Shrink Dies, Set of Two 1 X 2
- Master Flat Top Die 2.0" Dia.
- Master Flat Top Die 3.0" Dia.
- 1.5" Radius Lower Die 2.0" Dia.
- 2.0" Radius Lower Die 2.0" Dia.
- 3.0" Radius Lower Die 2.0" Dia.
- 6.0" Radius Lower Die 2.5" Dia.
- 6.0" radius lower die 3.0 Dia.
- 8.0" radius lower die 2.5" Dia.
- 8.0" Radius Lower Die 3.0" Dia.
- 12.0" Radius Lower Die 2.5" Dia.
- 12.0" Radius Lower Die 3.0" Dia.
- 24.0" Radius Lower Die 2.5" Dia.
- 24.0" Radius Lower Die 3.0" Dia.
- 36.0" Radius Lower Die 2.5" Dia.
- 36.0" Radius Lower Die 3.0" Dia.
- 1.0" Flat X 6.0R Lower Planish Die 3.0 Dia.
- 1" Radius Linear Stretch
- Mechanical Stretch Dies, Set Of Two
- Rubber Top Die 80 Durometer 3.0 Dia.
- 3" Dia. Large Thumbnail Shrink Dies, Set Of Two
- Universal Tool Holder, 1/2" Square Opening, Set Of Two
- Universal Tool Holder, 3/4" Square Opening, Set of Two
- Universal Tool Holder, 7/8" Square Opening, Set of Two
- Complete Air Hammer Option, 36" Throat depth
- Complete English Wheel Option
- Complete English Wheel Option with Rubber Top Wheel

Metric sizes available.



## Power Hammer – MH-19 Tooling

The tooling for the MH-19 is as unique as the machines themselves. With endless possibilities, tooling can be made to your specifications, or you can pick from our vast selection of existing dies. Below is just a sample of the available dies. Call your Baileigh sales representative at 02476 619267 for more information.



QUICK CHANGE TOOLING SYSTEM IS STANDARD ON EVERY MACHINE



UNIVERSAL TOOL HOLDERS



BEADING DIES



THUMBNAIL SHRINK DIES

ENGLISH WHEEL ASSEMBLY (MH-19 ONLY)



OPTIONAL AIR HAMMER ATTACHMENT



# Power Hammer – Tooling

## BEADING DIE SET



1/4" DIE SET

3/8" DIE SET

1/2" DIE SET

## THUMBAIL SHRINK DIES



LARGE SHIRNK DIES

MEDIIUM SHIRNK DIES

MINI SHIRNK DIES



# Power Hammer – Tooling



8.0R STRETCH/DOMING DIE  
(3.0" DIA.)



6.0R W/1.0" FLATSTRETCH DIE  
(2.5" DIA.)



12.0R STRETCH/DOMING DIE  
(2.5" DIA.)



8.0R STRETCH/DOMING DIE  
(2.5" DIA.)



FLAT TOP MASTER DIE  
(2.5" DIA.)



3.0R STRETCH/DOMING DIE  
(2.5" DIA.)



6.0R STRETCH/DOMING DIE  
(2.5" DIA.)



24.0R STRETCH/DOMING DIE  
(2.5" DIA.)



MASTER FLAT TOP DIE  
(2.0" DIA.)



3.0R STRETCH/DOMING DIE  
(2.0" DIA.)



1.5R STRETCH/DOMING DIE  
(2.0" DIA.)



2.0R STRETCH/DOMING DIE  
(2.0" DIA.)



1.0R STRETCH/DOMING DIE  
(1.875" DIA.)



1.0R LINEAR STRETCH DIE



MASTER RUBBER TOP DIE  
(3.0" DIA.)



24.0R STRETCH/DOMING DIE  
(2.5" DIA.)



36.0R STRETCH/DOMING DIE



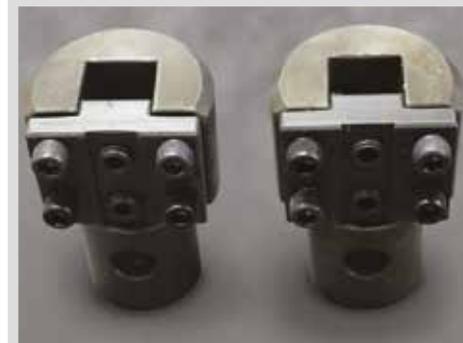
12.0R STRETCH/DOMING DIE  
(3.0" DIA.)



6.0R W/1" FLAT STRETCH DIE  
(3.0" DIA.)



6.0R STRETCH/DOMING DIE  
(3.0" DIA.)



3/4" TOOL HOLDER



7/8" SQ. TOOL HOLDER



# Hammers

**BUILT TO LAST** Trusty Baileigh hammers deliver long-lasting performance in a wide range of uses. If you need a hammer for anything other than driving a nail, Baileigh has the tool you need.

**SHOT-FILLED CANNISTER**  
ABSORBS SHOCK WHILE MAXIMIZING POWER AT IMPACT

**STEEL CANNISTER**  
WELDED TO ROD—MORE STRENGTH AND SAFETY

**CONVEX FACES**  
PROVIDE MAXIMUM DEAD-BLOW, NON-BOUNCE ACTION

**POLYURETHANE COATING**  
FORMULA PREVENTS MUSHROOMING, SPLITTING AND CHIPPING FOR LONG-LASTING USE



**PREMIUM LEATHER ROUND SHOT BAG** RSB-16 16" DIA., SCREW SHUT (EMPTY)

**STEEL CORE** PROVIDES STRENGTH AND LONG-LASTING DURABILITY – UP TO 20 TIMES LONGER THAN OTHER HAMMERS

**TEXTURED GRIP** PROVIDES SURE-HANDED SERVICE – NO SLIPS, LESS FATIGUE



## Dead Blow Bossing Mallets



**BM-63-BM1**  
24oz.  
680g



**BM-63-BM2**  
36oz.  
1020g



**BM-63-BM3**  
48oz.  
1360g

## Slim Softface



**DBH-62-540**  
8oz.  
226g



**DBH-62-541**  
18oz.  
538g



**DBH-62-542**  
22oz.  
623g



**DBH-62-543**  
26oz.  
737g



**DBH-62-547**  
32oz.  
907g



# Hammers

## Standard Softface



**DBH-62-530**  
13oz.  
368g

**DBH-62-531**  
21oz.  
595g

**DBH-62-532**  
26oz.  
737g

**DBH-62-533**  
45oz.  
1275g

**DBH-62-534**  
53oz.  
1502g

## Softface Sledgehammer



**SH-62-550**  
5.5lbs. 20" Handle  
2.5kg

**SH-62-552**  
9.5Lbs. 20" Handle  
4.3kg

**SH-62-551**  
9lbs. 30" Handle  
4kg

**SH-62-553**  
10.5Lbs. 30" Handle  
4.7kg

**SH-62-554**  
12lbs. 36" Handle  
5.4kg

## Ball Peen



**DBP-61-526**  
26oz.  
737g

**DBP-61-536**  
36oz.  
1020g

**DBP-61-543**  
43oz.  
1220g

**DBP-61-547**  
47oz.  
1330g

**DBP-61-550**  
50oz.  
1417g

## Flat-Flat Hardface



**BH-61-526F**  
26oz.  
737g

**BH-61-536F**  
36oz.  
1020g

**BH-61-543F**  
43oz.  
1220g

**BH-61-547F**  
47oz.  
1330g

**BH-61-550F**  
50oz.  
1417g



## Band Saws – BS-712MS / BS-210M



### BS-712MS

- 110V
- Cuts metal and more
- 3/4" blade standard
- Hydraulic descent
- 3-speeds
- Direct drive
- Horizontal and vertical cutting capabilities
- Single mitering (swivel)
- 240V optional



### BS-210M

- Hydraulic and manual descent
- Single mitering (swivel)
- Variable-speed
- Head miters up to 60°
- 6-3/4" round capacity
- 3/4" blade standard
- 240V



**DON'T FORGET THE  
COOLANT**

### Specifications - BS-712MS

Capacity (90°/45°)		
Round	7" / 4.33"	177mm / 110mm
Rectangular	7" x 10.23" / 4.72" x 4.13"	177 x 259mm / 119 x 104mm
Blade Size (H x W x L)	.75" / .035" / 92.91"	19mm / .9mm / 2360mm
Blade Speed (fpm)	125 / 215 / 270	
Blade Guide	Roller	
Miter Angle	0 - 45°	
Miter Adjustment	Swivel Head	
Table Height	23"	584mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	1 hp	
Power	240 / 1Ph	
Shipping Dimensions (L x W x H)	51" x 23" x 43"	1295 x 584 x 1092mm
Shipping Weight	397lbs.	181kgs.

*Specifications subject to change without notice.*

### Specifications - BS-210M

Capacity		
Round (90°/45°/60°)	7" / 4.72" / 2.75"	177mm / 120mm / 69mm
Square (90°/45°/60°)	7" / 4.33" / 2.36"	177mm / 110mm / 60mm
Rectangular (90°)	8.26" x 6.69"	210mm / 170mm
Blade Size (H x W x L)	.75" / .035" / 83"	19mm / .889mm / 2108mm
Blade Speed (fpm)	66-280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 - 60°	
Miter Adjustment	Swivel Head	
Table Height	35"	889mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	1.0 hp	
Power	240V	
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219mm
Shipping Weight	444lbs.	202kgs.

*Specifications subject to change without notice.*



## Band Saws – BS-250M

- 240V
- 1" blade standard
- Hydraulic and manual descent
- Variable-speed
- Single mitering (swivel)
- Quick vise feature
- Direct drive



### Specifications - BS-250M

Capacity		
Round (90°/45°/60°)	8.93" / 5.9" / 3.54"	227mm / 150mm / 90mm
Square (90°/45°/60°)	8.66" / 5.7" / 3.34"	220mm / 144mm / 84mm
Rectangular (90°)	10.23" x 4.33"	259mm / 110mm
Blade Size (H x W x L)	1" / .035" / 96.85"	25mm / .889mm / 2460mm
Blade Speed (fpm)	66-280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 - 60°	
Miter Adjustment	Swivel Head	
Table Height	35"	889mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	2 hp	
Power	240V	
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219mm
Shipping Weight	475lbs.	216kgs.

*Specifications subject to change without notice.*



## Band Saws – BS-350M

- Hydraulic and manual descent
- Variable-speed
- Direct drive
- Dual miter head up to 60°
- 10-1/2" round capacity
- 1" blade standard
- 240V / 1Ph



### Specifications - BS-350M

Capacity		
Round (90°/45°/60°/45°L)	10.63" / 9.45" / 6.3" / 8.28"	270mm / 240mm / 160mm / 210mm
Square (90°/45°/60°/45°L)	10.24" / 8.66" / 5.9" / 7.09"	260mm / 220mm / 150mm / 180mm
Rectangular (90°/45°/45°L)	13.77" x 8.66" / 9.45" x 6.3" 7.3" x 4.33"	350 x 220 / 240 x 160 / 185 x 110mm
Blade Size (H x W x L)	1" / .035" / 124.5"	25mm / .889mm / 3162.3mm
Blade Speed (fpm)		66-280 Variable
Blade Guide		Carbide / Roller
Miter Angle		0 - 60°, 45°L
Miter Adjustment		Dual Swivel Head
Table Height	35"	889mm
Descent Control		Hydraulic
Return		Manual
Drive		Gear
Motor		2 hp
Power		240V / 1Ph
Shipping Dimensions (L x W x H)	69" x 30" x 48"	1753 x 762 x 1219mm
Shipping Weight	948lbs.	431kgs.

Specifications subject to change without notice.



## Band Saws – BS-916M / BS-300M

### Specifications - BS-916M

Capacity		
Round (90°/45°)	8.85" / 6.5"	225mm / 165mm
Square (90°/45°)	8.85" / 6.5"	225mm / 165mm
Rectangular (90°/45°)	8.85" x 13.5" / 8.85" x 6.5"	225 x 343 / 225 x 165mm
Blade Size (H x W x L)	1" / .035" / 119.48"	25mm / .889mm / 3035mm
Blade Speed (fpm)	82 / 132 / 170 / 235	
Blade Guide	Roller	
Miter Angle	0 - 45°	
Miter Adjustment	Vise	
Table Height	24"	610mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt / Pulley	
Motor	1.5 hp	
Power	240V / 1Ph	
Shipping Dimensions (L x W x H)	68" x 30" x 43"	1727 x 762 x 1092mm
Shipping Weight	700lbs.	319kgs.

Specifications subject to change without notice.

### Specifications - BS-300M

Capacity		
Round (90°/45°)	9.84" / 7.5"	250mm / 190mm
Square (90°/45°)	9.84" / 7.5"	250mm / 190mm
Rectangular (90°/45°)	9.84" x 16.33" / 9.84" x 7.50"	250 x 414 / 250 x 190mm
Blade Size (H x W x L)	1" / .035" / 129.92"	25mm / .889mm / 3300mm
Blade Speed (fpm)	66 / 131 / 167 / 233	
Blade Guide	Roller	
Miter Angle	0 - 45°	
Miter Adjustment	Vise	
Table Height	30.7"	780mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt / Pulley	
Motor	2 hp	
Power	240V / 1Ph	
Shipping Dimensions (L x W x H)	70" x 23" x 49"	1778 x 584 x 1245mm
Shipping Weight	800lbs.	364kgs.

Specifications subject to change without notice.



### BS-916M

- 1" blade standard
- Hydraulic descent
- Automatic shut-off
- 4 blade speeds
- 240V / 1Ph



### BS-300M

- 1" blade standard
- Hydraulic descent
- Automatic shut-off
- 4 blade speeds
- 240V / 1Ph



## Band Saws – BS-330M

- 1-1/4" blade standard
- Hydraulic
- Variable-speed
- Automatic shut-off
- Mitering head and vise
- Quick vise feature
- 400V / 3Ph



### Specifications - BS-330M

Capacity		
Round (90°/45°)	13" / 8.86"	330mm / 225mm
Square (90°/45°)	13" / 8.86"	330mm / 225mm
Rectangular (90°/45°)	13" x 18.9" / 11" x 10.04"	330 x 480 / 279 x 255mm
Blade Size (H x W x L)	1.3" / .043" / 161.4"	34mm / 1mm / 4099.5mm
Blade Speed (fpm)	82-270	
Blade Guide	Carbide / Roller	
Miter Angle	0 - 45°	
Miter Adjustment	Swivel Head and Vise	
Table Height	30.5"	775mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt / Pulley	
Motor	3 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	90" x 37" x 61"	2286 x 940 x 1549mm
Shipping Weight	1,826lbs.	830kgs.

Specifications subject to change without notice.



## Band Saws – BS-20M-DM

- 1-1/4" blade standard
- Dual direction mitering vise
- Inverter driven variable speed
- Built in feed table
- Quick lock vise
- 400V / 3Ph



### Specifications - BS-20M-DM

Capacity (90°/45°/60°)		
Round	13" / 12" / 8.5"	330mm / 305mm / 215mm
Square	13" / 12" / 8.5"	330mm / 305mm / 215mm
Rectangular	13" x 18" / 13" x 10.6" / 12.4" x 7.7"	330 x 460 / 330 x 270 / 315 x 195mm
Blade Size (H x W x L)	1.3" / .042" / 162.6"	33mm / 1.1mm / 4130mm
Blade Speed (fpm)	60-306	
Blade Guide	Carbide / Roller	
Miter Angle	0 - 60° L, 45° R	
Miter Adjustment	Dual Miter Swivel Head	
Descent Control	Hydraulic	
Return	Manual	
Drive	Inverter Direct	
Motor	3 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	88.6" x 35.5" x 61.4"	2250 x 902 x 1560mm
Shipping Weight	2,156lbs.	980kgs.

Specifications subject to change without notice.



## Band Saws – BS-350SA

- Foot pedal control standard
- 1" blade standard
- Semi-automatic
- Hydraulic vise, feed, and return
- Variable-speed
- Automatic shut-off / broken blade feature
- Dual mitering (swivel)
- Direct drive
- 240V / 1Ph



### Specifications - BS-350SA

Capacity		
Round (90°/45°/60°/45°L)	10.63" / 9.45" / 6.3" / 8.28"	270mm / 240mm / 160mm / 210mm
Square (90°/45°/60°)	10.24" / 8.66" / 5.9" / 7.09"	260mm / 220mm / 150mm / 180mm
Rectangular (90°/45°/45°L)	13.77" x 8.66" / 9.45" x 6.3" 7.3" x 4.33"	350 x 220 / 240 x 160 / 185 x 110mm
Blade Size (H x W x L)	1" / .035" / 124.5"	25mm / .889mm / 3162.3mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°, 45°L	
Miter Adjustment	Dual Swivel Head	
Table Height	35"	889mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Gear	
Motor	2 hp	
Power	240V / 1Ph	
Shipping Dimensions (L x W x H)	72" x 30" x 66"	1829 x 762 x 1676mm
Shipping Weight	1,167lbs.	531kgs.

Specifications subject to change without notice.



## Band Saws – BS-330SA

### Specifications - BS-330SA

Capacity		
Round (90°/45°)	13" / 8.86"	330mm / 225mm
Square (90°/45°)	13" / 8.86"	330mm / 225mm
Rectangular (90°/45°)	13" x 18.9" / 11" x 10.04"	330 x 480 / 279 x 255mm
Blade Size (H x W x L)	1.3" / .043" / 161.4"	34mm / 1mm / 4099.5mm
Blade Speed (fpm)	82 – 270	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head and Vise	
Table Height	30.5"	775mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Belt / Pulley	
Motor	3 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	90" x 37" x 61"	2286 x 940 x 1549mm
Shipping Weight	3,650lbs.	1660kgs.

Specifications subject to change without notice.

- 1-1/4" blade standard
- Semi-automatic
- Hydraulic vise, feed, and return
- Variable-speed
- Automatic shut-off
- Mitering head and vise
- 400V / 3Ph



## Band Saws – BS-20SA-DM

- Dual mitering 45° L and 60° R
- Inverter driven
- 1-1/4" Blade
- Digital readout for blade speed
- Blade brush with chip collection drawer
- Quick lock vise
- Automatic descent and raise of the bow head
- 400V / 3Ph



### Specifications - BS-20SA-DM

Capacity		
Round (90°/45°/60°)	13" / 12" / 8.5"	330mm / 305mm / 215mm
Square (90°/45°/60°)	13" / 12" / 8.5"	330mm / 305mm / 215mm
Rectangular (90°)	13" x 18" / 13" x 10.6" / 12.4" x 7.7"	330 x 460mm/330 x 270mm/315 x 195mm
Blade Size (H x W x L)	1.25" / .042" / 162.6"	34mm / 1.1mm / 4130mm
Blade Speed (fpm)	60 – 306 Inverter Driven	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°	
Miter Adjustment	Dual Miter Swivel Head	
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Inverter Direct	
Motor	3 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	88.6" x 35.5" x 61.4"	2250 x 902 x 1560mm
Shipping Weight	2,156lbs.	980kgs.

Specifications subject to change without notice.



- 18" round capacity
- Semi-automatic operation
- Hydraulic vise and bow
- Dual mitering swivel head design
- Head miters up to 60°
- 1-1/2" blade standard
- 400V / 3Ph



## Band Saws – BS-24SA-DM



### Specifications - BS-24SA-DM

Capacity		
Round (90°/45°/60°)	18" / 15.7" / 11"	475mm / 398mm / 279mm
Square (90°/45°/60°)	18" / 15.7" / 11"	475mm / 398mm / 279mm
Rectangular (90°)	17" x 24"	430mm x 610mm
Blade Size (H x W x L)	1.5" x .051" x 209.84"	38mm x 1.3mm x 5330mm
Blade Speed (fpm)	65 – 278 Carbide Roller	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60° L & R	
Miter Adjustment	Dual Miter Swivel Head	
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Belt / Pulley	
Motor	5 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	112" x 45" x 74"	2830 x 1140 x 1860mm
Shipping Weight	3,234lbs.	1470kgs.

Specifications subject to change without notice.



## Band Saws – BS-360SA

- 14" x 22" rectangle capacity
- Column type production saw
- Semi-automatic operation
- Hydraulic vise, feed, and return
- Hydraulic blade tension
- 1-1/4" blade
- 400V / 3Ph



### Specifications - BS-360SA

Capacity		
Round	14.17"	360mm
Square	14.17"	360mm
Rectangular	14.17" x 22"	360 x 560mm
Blade Size (H x W x L)	1.3" / .04" / 192.13"	34mm / 1.1mm / 4880mm
Blade Speed (fpm)	66 - 279 (Variable Speed)	
Blade Guide	Carbide / Roller	
Miter Angle	N/A	
Table Height	29.21"	742mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Belt / Pulley	
Motor	5 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	110" x 45" x 78"	2794 x 1143 x 1981mm
Shipping Weight	3,100lbs.	1410kgs.

Specifications subject to change without notice.



- 13" x 18" rectangle capacity
- Fully automatic operation of feed and cutting functions
- Hydraulic feed with bundling standard
- Auger-type chip removal system
- Touch screen control
- Head miters up to 45°
- 400V / 3Ph



#### Specifications - BS-20A

Capacity		
Round (90°/45°)	13" / 11"	330mm / 279mm
Square (90°/45°)	13" / 11"	330mm / 279mm
Rectangular (90°/45°)	13" x 18" / 13" x 11"	330 x 457 / 330 x 279mm
Blade Size (H x W x L)	1" / .035" / 162.59"	25mm / .889mm / 4130mm
Blade Speed (fpm)	89 - 256 (Variable Speed)	
Blade Guide	Carbide / Roller	
Miter Angle	0 - 45°	
Miter Adjustment	Swivel Head	
Table Height	32.3"	820mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Chip Removal	Hydraulic Auger	
Material Feed	Hydraulic	
Material Clamping / Bundling	Hydraulic	
Motor		
Blade	5 hp	
Hydraulic	1 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	90" x 87" x 69"	2286 x 2210 x 1752mm
Shipping Weight	3,500lbs.	1591kgs.

Specifications subject to change without notice.

## Band Saws – BS-20A



## Band Saws – BS-24A

- 15" x 24" rectangle capacity
- Fully automatic operation of feed and cutting functions
- Hydraulic feed table with bundling
- Hydraulic auger-type chip removal system
- Touch screen control
- Head miters 45°
- Halogen work light
- 400V / 3Ph



### Specifications - BS-24A

Capacity		
Round (90°/45°)	18" / 15"	457mm / 380mm
Square (90°/45°)	18" / 15"	457mm / 380mm
Rectangular (90°)	15" x 24"	380 x 610mm
Blade Size (H x W x L)	1.5" / .051" / 209.85"	38mm / 1.3mm / 5330mm
Blade Speed (fpm)	65 – 279 (Variable Speed)	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head	
Table Height	32.3"	820mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Chip Removal	Hydraulic Auger	
Material Feed	Hydraulic	
Material Clamping / Bundling	Hydraulic	
Motor		
Blade	5 hp	
Hydraulic	1 hp	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	109" x 90" x 77"	2769 x 2286 x 1956mm
Shipping Weight	3,900lbs.	1770kgs.

Specifications subject to change without notice.





## Band Saws – BSV-12

- 11-3/8" throat
- 7-3/4" maximum thickness
- Utilizes 1/4" – 1/2" blade
- Table pivots left and right, forward and back for chamfer cuts
- Tungsten carbide blade guides
- 4-speed gear-driven transmission
- Full blade welding station
- 240V / 1Ph



### Specifications - BSV-12

Throat Depth	11.38"	289mm
Maximum Thickness	7.75"	196mm
Motor	1/2 hp	
Blade Length	100.39"	2550mm
Blade Width	1/4" – 1/2"	6mm – 13mm
Blade Thickness	.032"	.8mm
Slant of Table	10° F/Rear, 15° L/R	
Table Size	19.75" x 19.75"	501mm x 501mm
Variable Blade Speeds	80 – 319 rpm	
Butt-Welder Capacity (Blade Width)	.51"	13mm
Service Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	36" x 27" x 61"	914 x 686 x 1549mm
Shipping Weight	441lbs.	200kgs.

*Specifications subject to change without notice.*



## Band Saws – BSV-16

- 15-3/16" throat
- 15-1/4" maximum thickness
- Utilizes 1/4" – 5/8" blade
- Table pivots left and right, forward and back for chamfer cuts
- Tungsten carbide blade guides
- 4-speed gear-driven transmission
- Full blade welding station
- 240V / 1Ph



### Specifications - BSV-16

Throat Depth	15.188"	386mm
Maximum Thickness	15.25"	388mm
Motor	3/4 hp	
Blade Length	134.65"	3420mm
Blade Width	1/4" – 5/8"	6mm – 16mm
Blade Thickness	.032"	.8mm
Slant of Table	10° F/Rear, 15° L/R	
Table Size	23.75" x 21.75"	603mm x 552mm
Variable Blade Speeds	62 – 249 rpm	
Butt-Welder Capacity (Blade Width)	.74"	18.8mm
Service Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	46" x 33" x 75"	1168 x 838 x 1905mm
Shipping Weight	904lbs.	410kgs.

Specifications subject to change without notice.





## Band Saws – BSV-24

- 22-7/8" throat
- 13-1/4" maximum thickness
- Utilizes 1/4" – 3/4" blade
- Table pivots left and right, forward and back for chamfer cuts
- Tungsten carbide blade guides
- 4-speed gear-driven transmission
- Full blade welding station
- 240V / 1Ph



### Specifications - BSV-24

Throat Depth	22.88"	581mm
Maximum Thickness	13.25"	336mm
Motor	2 Hp	
Blade Length	167.72"	4260mm
Blade Width	1/4" – 3/4"	6mm – 19mm
Blade Thickness	.032"	.8mm
Slant of Table	10° F/Rear, 15° L/R	
Table Size	24.4" x 22.8"	620mm x 579mm
Variable Blade Speeds	80 – 318 rpm	
Butt-Welder Capacity (Blade Width)	.74"	18.75mm
Service Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	53" x 37" x 82"	1345 x 940 x 2083mm
Shipping Weight	1,430lbs.	650kgs.

*Specifications subject to change without notice.*



## Band Saws – BSV-20VS

- Variable Speed
- 20-1/2" throat
- 12-3/8" maximum thickness
- Utilizes 1/8" – 3/4" blade
- Rip fence and miter protractor included
- Table pivots left and right for chamfer cuts
- Full blade welding station
- DRO for speed read out
- 240V / 1Ph



### Specifications - BSV-20VS

Throat Depth	20.50"	520mm
Maximum Thickness	12.375"	310mm
Motor	2 Hp	
Blade Length	153"	3880mm
Blade Width	1/8" – 3/4"	3mm – 16mm
Blade Thickness	.032"	.8mm
Slant of Table	5° Left, 15° Right	
Table Size	26" x 27.50"	660mm x 700mm
Variable Blade Speeds	65 – 1640 rpm	
Butt-Welder Capacity (Blade Width)	.813"	0.020mm
Service Requirements	240V / 1Ph, 50Hz	
Shipping Dimensions (L x W x H)	57" x 44" x 85"	1450 x 1100 x 2140mm
Shipping Weight	1,100lbs.	499kgs.

Specifications subject to change without notice.



# Choosing the Correct Blade for Your Band Saw

WALL THICKNESS	Outer Diameter of the Tube (inch)/Tooth pitch																	
	Inches	0.79	1.574	2.362	3.15	4	4.724	6	7.873	11.811	15.75	19.685	23.621	27.5	31.5	35.5	39.5	59
0.079	14	14	14	14	14	14	14	10-14tpi	10-14tpi	8-12tpi	8-12tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	5-8tpi	5-8tpi	5-8tpi
0.118	14	14	10-14tpi	10-14tpi	10-14tpi	10-14tpi	10-14tpi	8-12tpi	8-12tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi
0.157	14	14	10-14tpi	10-14tpi	10-14tpi	8-12tpi	8-12tpi	8-12tpi	8-12tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi
0.197	14	10-14tpi	10-14tpi	10-14tpi	8-12tpi	8-12tpi	8-12tpi	8-12tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi
0.236	14	10-14tpi	10-14tpi	8-12tpi	8-12tpi	8-12tpi	8-12tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi
0.315	14	10-14tpi	8-12tpi	8-12tpi	8-12tpi	6-10tpi	6-10tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi
0.394		8-12tpi	6-10tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi
0.472		8-12tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi
0.591		8-12tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi
0.787			6-10tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi						
1.181				4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	1.4-2tpi						
2						3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
3								2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
4									2-3tpi	2-3tpi	1.4-2tpi							
6										2-3tpi	1.4-2tpi							
7.873											1.4-2tpi							
9.842												1.4-2tpi						
11.81													1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
13.778														1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
15.747															1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
17.716																1.4-2tpi	1.4-2tpi	1.4-2tpi
19.685																	1.4-2tpi	1.4-2tpi

WALL THICKNESS If you have to cut two or more tubes lying side by side please use this table in consideration of the double wall thickness.

When you purchase your Baileigh Industrial Band Saw, there are a lot of things to consider. The most important element of a great cut is the blade. Baileigh Industrial has hundreds of blades in stock and ready to ship.

Above is a table to help you choose the correct blade for cutting mild steel tube and pipe.

Cutting mild steel or annealed material you would want no less than 3 teeth touching the material or no more than 24. The ideal amount of teeth touching the material at one time would be 6 - 12. When picking the correct tooth count you also want to consider the wall thickness, too aggressive of a tooth count will cause the teeth to get caught on the side walls, breaking the teeth. Too fine of a tooth count will cause problems when you are cutting through the top or bottom of your material. This can cause premature blade wear or motor failure.

Conditions that will influence pitch selection:

- Soft materials require less teeth and more gullet capacity.
- Hard materials require more teeth to share in the work and less gullet.
- Machine capabilities. Constant feed machines can use a coarser pitch. Gravity feed machines will require a finer pitch.

Please remember that there are Proper Techniques for all Types of Shapes (see diagram).

Please consult a Baileigh Technician for help in choosing the correct blades for your application.

### Diagnosing Cutting Issues with Band Saw Blades

#### Premature and Excessive Tooth Wear

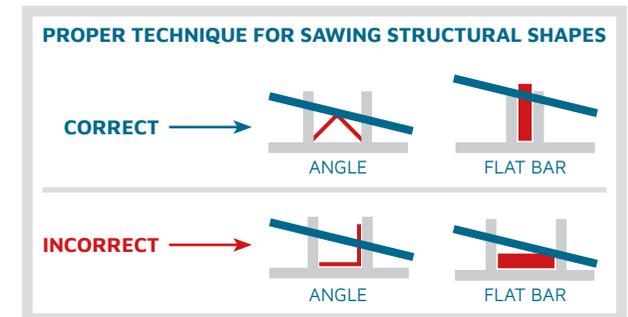
- Feed pressure too light, increase it
- Lower blade velocity
- Improper tooth selection, use a finer pitch
- Improper break-in with new blade. Velocity and feeding should be reduced the first few cuts
- Teeth are running the wrong direction. Be sure teeth are pointing in the proper direction
- Incorrect saw guide insert size for the blade, allowing them to strike teeth

#### Blade Stalls in Work

- Feed pressure too great - decrease feed
- Teeth too coarse, use finer tooth blade

#### Blade Making Belly-Shaped Cuts

- Increase tension
- Adjust guides closer to work piece
- Teeth too fine - use a coarse pitch
- Decrease feed force
- Teeth dull



## Cold Saws – CS-250EU

- 10" blade
- Manual feed
- Miters up to 45° left and right
- 240V /1Ph



### CS-250EU

Mitering Capacities	90°	45°
○	3" (75mm)	3" (75mm)
●	1.2" (30mm)	1.2" (30mm)
□	2.5" x 2.5" (65mm x 65mm)	2.2" x 2.2" (55mm x 55mm)
□	2.5" x 2" (65mm x 50mm)	2.4" x 2" (60mm x 50mm)

### Specifications

Maximum Blade Diameter	10" (250mm)
Arbor Size	1.26" (32mm)
Blade Speed	54 rpm
Operation	Manual
Head Style	Pivot
Maximum Vise Opening	4" (100mm)
Vise Style	Single Action with Cam Lock
Head Miter	45° Left / 45° Right
Slotting Capable	No
Coolant System	Yes
Motor	1 hp
Electrical Requirements	240V / 1Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	375lbs. (170kgs.)

Specifications subject to change without notice.

**DON'T FORGET THE  
COOLANT**



# Cold Saws – CS-275EU / CS-315EU

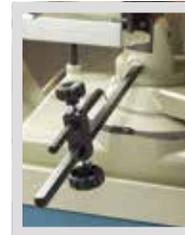
CS-275EU		
Mitering Capacities	90°	45°
○	3.25" (85mm)	3.25" (85mm)
●	1.5" (40mm)	1.5" (40mm)
□	3" x 3" (75mm x 75mm)	2.2" x 2.2" (55mm x 55mm)
▭	3.5" x 2" (90mm x 50mm)	2.4" x 2" (60mm x 50mm)
Specifications		
Maximum Blade Diameter	11" (275mm)	
Arbor Size	1.26" (32mm)	
Blade Speed	54 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	4" (100mm)	
Vise Style	Single Action with Cam Lock	
Head Miter	45° Left / 45° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	1.5 hp	
Electrical Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)	
Shipping Weight	425lbs. (194kgs.)	

Specifications subject to change without notice.

- 11" blade
- Manual feed
- Miters up to 45° left and right
- 240V / 1Ph



CS-275EU



- 12.5" blade
- Manual feed
- Miters up to 45° left and right
- 240V / 1Ph

CS-315EU		
Mitering Capacities	90°	45°
○	3.5" (88.9mm)	3.5" (88.9mm)
●	2" (50mm)	2" (50mm)
□	3.2" x 3.2" (82mm x 82mm)	3.2" x 3.2" (82mm x 82mm)
▭	4.25" x 2.75" (110mm x 70mm)	3.25" x 2.75" (85mm x 70mm)
Specifications		
Maximum Blade Diameter	12.5" (317mm)	
Arbor Size	1.26" (32mm)	
Blade Speed	52 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	4.72" (120mm)	
Vise Style	Single Action with Cam Lock	
Head Miter	45° Left / 45° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	2.5 hp	
Electrical Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	40" x 40" x 72" (1016 x 1016 x 1829mm)	
Shipping Weight	500lbs. (228kgs.)	

Specifications subject to change without notice.



CS-315EU



## Cold Saws – CS-350EU

- 14" blade
- Variable speed inverter driven
- Digital readout for rpm
- Miters 45° left and right
- 240V / 1Ph



### CS-350EU

Mitering Capacities	90°	45°
○	4.7" (120mm)	4" (100mm)
●	3.5" (90mm)	3" (75mm)
□	4" x 4" (100mm x 100mm)	3.5" x 3.5" (90mm x 90mm)
□	6.3" x 3.5" (160mm x 90mm)	3.5" x 2.8" (90mm x 70mm)

### Specifications

Maximum Blade Diameter	14" (350mm)
Arbor Size	1.26" (32mm)
Blade Speed	24 - 120 rpm
Operation	Manual
Head Style	Pivot
Maximum Vise Opening	6.50" (165mm)
Vise Style	Single Action with Cam Lock
Head Miter	45° Left / 45° Right
Slotting Capable	No
Coolant System	Yes
Motor	3 hp
Electrical Requirements	240V / 1Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	550lbs. (250kgs.)

Specifications subject to change without notice.



## Cold Saws – CS-275M

- 11" blade
- Miters both ways
- Stop mechanism
- Cuts ferrous and non-ferrous metals
- 2-3/4" capacity
- Self centering vise
- 2 operating speeds
- 400V / 3Ph



### CS-275M

Mitering Capacities	90°	45°
○	2.75" (69mm)	2.25" (57mm)
●	1.5" (38mm)	1.5" (38mm)
□	2.75" x 2.75" (69mm x 69mm)	2.165" x 2.165" (55mm x 55mm)
□	2.75" x 2.9" (69mm x 73mm)	2.165" x 2.25" (55mm x 57mm)

### Specifications

Maximum Blade Diameter	11" (275mm)
Arbor Size	1.26" (32mm)
Blade Speed	Two Speeds, 60 rpm / 120 rpm
Operation	Manual
Head Style	Pivot
Maximum Vise Opening	4.5" (114mm)
Vise Style	Dual Action, Self Centering
Head Miter	90° Slotting, 45° Left / 45° Right
Slotting Capable	Yes, Left and Right
Coolant System	Yes
Motor	3.0 / 1.5 hp
Electrical Requirements	400V / 3Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	724lbs. (330kgs.)

Specifications subject to change without notice.

## Cold Saws – CS-275SA

- 11" blade
- Semi-automatic operation (manual feed also available)
- Miters up to 45° left and right
- Self centering vise
- 2 operating speeds
- 400V / 3Ph



### CS-275SA

Mitering Capacities	90°	45°
○	2.75" (69mm)	2.25" (57mm)
●	1.5" (38mm)	1.5" (38mm)
□	2.75" x 2.75" (69mm x 69mm)	2.165" x 2.165" (55mm x 55mm)
▣	2.75" x 2.9" (69mm x 73mm)	2.165" x 2.25" (55mm x 57mm)

### Specifications

Maximum Blade Diameter	11" (275mm)
Arbor Size	1.26" (32mm)
Blade Speed	Two Speeds, 60 rpm / 120 rpm
Operation	Semi-Automatic
Head Style	Pivot
Maximum Vise Opening	4" (100mm)
Vise Style	Dual Action, Self Centering
Head Miter	90° Slotting, 45° Left / 45° Right
Slotting Capable	Yes, Left and Right
Coolant System	Yes
Motor	3.0 / 1.5 hp
Electrical Requirements	400V / 3Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	1,000lbs. (455kgs.)

Specifications subject to change without notice.



## Cold Saws – CS-350M

- 14" blade
- Manual feed
- Miters up to 45° left and right
- Self centering vise
- External back lash adjustment
- 2 operating speeds
- 400V / 3Ph



### CS-350M

Mitering Capacities	90°	45°
○	4.331" (110mm)	2.953" (75mm)
●	2.362" (60mm)	1.575" (40mm)
□	4.25" x 4.25" (108mm x 108mm)	2.953" x 2.953" (75mm x 75mm)
□	4.25" x 3.5" (108mm x 89mm)	2.953" x 2.362" (75mm x 60mm)

Specifications	
Maximum Blade Diameter	14" (350mm)
Arbor Size	1.26" (32mm)
Blade Speed	Two Speeds, 26 rpm / 52 rpm
Operation	Manual
Head Style	Pivot
Maximum Vise Opening	6.5" (165mm)
Vise Style	Dual Action, Self Centering
Head Miter	90° Slotting, 45° Left / 45° Right
Slotting Capable	Yes, Left and Right
Coolant System	Yes
Motor	4.0 / 3.0 hp
Electrical Requirements	400V / 3Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	820lbs. (373kgs.)

Specifications subject to change without notice.



## Cold Saws – CS-350SA

- Pneumatic centering vise, hydraulic blade descent
- Automatic shut-off and vise release
- Stop mechanism
- Heavy cast construction
- Cuts ferrous and non-ferrous metals
- 4-1/4" capacity
- External back lash adjustment
- 2 operating speeds
- 400V / 3Ph



### CS-350SA

Mitering Capacities	90°	45°
○	4.331" (110mm)	2.953" (75mm)
●	2.362" (60mm)	1.575" (40mm)
□	4.25" x 4.25" (108mm x 108mm)	2.953" x 2.953" (75mm x 75mm)
□	4.25" x 3.5" (108mm x 89mm)	2.953" x 2.362" (75mm x 60mm)

### Specifications

Maximum Blade Diameter	14" (350mm)
Arbor Size	1.26" (32mm)
Blade Speed	Two Speeds, 26 rpm / 52 rpm
Operation	Semi-Automatic
Head Style	Pivot
Maximum Vise Opening	6" (153mm)
Vise Style	Dual Action, Self Centering
Head Miter	90° Slotting, 45° Left / 45° Right
Slotting Capable	Yes, Left and Right
Coolant System	Yes
Motor	4.0 / 3.0 hp
Electrical Requirements	400V / 3Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	900lbs. (410kgs.)

Specifications subject to change without notice.



## Cold Saws – CS-355M / CS-355SA

## CS-355M

Mitering Capacities	90°	45°
○	4.331" (110mm)	2.953" (75mm)
●	2.362" (60mm)	1.575" (40mm)
□	4.25" x 4.25" (108mm x 108mm)	2.953" x 2.953" (75mm x 75mm)
▭	4.25" x 3.5" (108mm x 89mm)	2.953" x 2.362" (75mm x 60mm)

## Specifications

Maximum Blade Diameter	14" (350mm)
Arbor Size	1" (25.4mm)
Blade Speed	3200 rpm
Operation	Manual
Head Style	Pivot
Maximum Vise Opening	6.5" (165mm)
Vise Style	Dual Action, Self Centering
Head Miter	90° Slotting, 45° Left / 45° Right
Slotting Capable	Yes, Left and Right
Coolant System	Yes
Motor	5.5 hp
Electrical Requirements	400V / 3Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	790lbs. (360kgs.)

Specifications subject to change without notice.

- Mitters left and right
- Centering vise
- Stop mechanism
- Heavy cast construction
- Cuts non-ferrous metals
- Blade turns at 3200 rpm
- 4-1/4" capacity
- 400V / 3Ph



CS-355M



## CS-355SA

Mitering Capacities	90°	45°
○	4.331" (110mm)	2.953" (75mm)
●	2.362" (60mm)	1.575" (40mm)
□	4.25" x 4.25" (108mm x 108mm)	2.953" x 2.953" (75mm x 75mm)
▭	4.25" x 3.5" (108mm x 89mm)	2.953" x 2.362" (75mm x 60mm)

## Specifications

Maximum Blade Diameter	14" (350mm)
Arbor Size	1" (25.4mm)
Blade Speed	3200 rpm
Operation	Semi-Automatic
Head Style	Pivot
Maximum Vise Opening	6.5" (165mm)
Vise Style	Dual Action, Self Centering
Head Miter	90° Slotting, 45° Left / 45° Right
Slotting Capable	Yes, Left and Right
Coolant System	Yes
Motor	5.5 hp
Electrical Requirements	400V / 3Ph
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219mm)
Shipping Weight	798lbs. (363kgs.)

Specifications subject to change without notice.



CS-355SA



- Mitters left and right
- Centering vise
- Stop mechanism
- Heavy cast construction
- Cuts non-ferrous metals
- Blade turns at 3200 rpm
- 4-1/4" capacity
- 400V / 3Ph



# Choosing the Correct Blade for your Cold Saw

When you purchase your Baileigh Industrial Cold Saw, there are a lot of things to consider. The most important element of a great cut is the blade. Baileigh Industrial has hundreds of blades in stock and ready to ship.

Right, is a table to help you choose the correct blade for cutting mild steel tube and pipe.

When cutting materials other than mild steel, other variables come into play.

### Mild Steel

Optimal cut quality and blade life is achieved by cutting at a speed of approximately 100 to 125 SFM (surface feet per minute).

### Stainless Steel

The person selecting the blade must multiply the tooth count in the chart by 1.2 to ensure proper blade life and cut quality. Optimal cut quality and blade life is achieved by cutting at a speed of approximately 70 SFM.

### Aluminum

The person selecting the blade must multiply the tooth count in the chart by .75 to ensure proper blade life and cut quality. Optimal cut quality and blade life is achieved by cutting at a speed of approximately 300 SFM.

### Solids

Solids also have their quirks when it comes to cut quality and blade life. Below right, is a chart to help you pick the best blade for your solid material application. Remember that the same rules for blade speed apply to solids as they do to tube and pipe.

One other important idea to consider when trying to optimize blade life is the type of cold saw you are purchasing. A semi-automatic cold saw with controlled descent of the head will always provide longer blade life over a manually operated saw.

If you have any further questions regarding blades for your cold saw, please contact any of our service technicians at 02476 619267. They will be more than willing to assist you in choosing the right blade from the hundreds that we have in stock and ready to ship.

Tube Diameter	Wall Thickness	Blade Diameter -Metric (Normal Inch)						
		225 (9")	250 (10")	275 (10-3/4")	300 (12")	315 (12-1/2")	350 (14")	401.0 (16")
1/2"	.030"-.090"	220BW	240BW	280BW	300BW	300BW	320BW	340BW
1/2"	.090"-.150"	200BW	220BW	240BW	280BW	280BW	300BW	320BW
1"	.30"-.060"	220BW	240BW	280BW	300BW	300BW	320BW	340BW
1"	.060"-.090"	220BW	220BW	240BW	280BW	280BW	300BW	320BW
1"	.090"-.150"	180BW	220BW	220BW	240BW	240BW	280BW	300BW
1-1/2"	.030"-.060"	220BW	240BW	260BW	300BW	300BW	320BW	340BW
1-1/2"	.060"-.090"	200BW	220BW	240BW	280BW	280BW	300BW	320BW
1-1/2"	.090"-.150"	180BW	200BW	220BW	240BW	240BW	280BW	300BW
1-1/2"	.150"-.250"	140C	160C	180C	200C	220C	220C	240C
2"	.030"-.060"	240BW	260BW	280BW	300BW	300BW	320BW	340BW
2"	.060"-.090"	180BW	200BW	220BW	240BW	240BW	280BW	320BW
2"	.090"-.180"	140C	160C	180C	220C	220C	220C	300C
2"	.180"-.300"	120C	140C	160C	180C	180C	200C	220C
2"	.300"-.500"	90C	100C	110C	120C	120C	140C	160C
2-1/2"	.030"-.060"	240BW	260BW	280BW	300BW	300BW	320BW	340BW
2-1/2"	.060"-.090"	200BW	220BW	240BW	260BW	260BW	280BW	300BW
2-1/2"	.090"-.150"	180BW	180C	180C	200C	200C	220C	240BW
2-1/2"	.150"-.250"	120C	140C	160C	180C	180C	200C	220C
2-1/2"	.250"-.400"	100C	110C	120C	140C	140C	160C	180C
2-1/2"	.400"-.500"	90C	100C	110C	120C	120C	140C	160C
3"	.030"-.060"			280BW	200BW	300BW	320BW	340BW
3"	.060"-.090"			240BW	260BW	260BW	280BW	300BW
3"	.090"-.150"			180C	200C	200C	220C	240C
3"	.150"-.250"			160C	180C	180C	200C	220C
3"	.150"-.250"			120C	140C	140C	160C	180C
3"	.250"-.400"			100C	120C	120C	140C	160C
3-1/2"	.030"-.060"				300BW	300BW	320BW	340BW
3-1/2"	.060"-.090"				260BW	260BW	280BW	300BW
3-1/2"	.090"-.150"				200C	200C	220C	240BW
3-1/2"	.150"-.250"				180C	180C	200C	220C
3-1/2"	.150"-.250"				140C	140C	160C	180C
3-1/2"	.250"-.400"				120C	120C	140C	160C

For Stainless Steel; Recommended Teeth x 1.2 Approx.  
For Non-Ferrous Materials; Recommended Teeth x .75 Approx.

Solid diameter	Blade Diameter -Metric (Normal Inch)						
	225 (9")	250 (10")	275 (10-3/4")	300 (12")	315 (12-1/2")	350 (14")	401.0 (16")
1/4"-3/4"	180c	180c	200c	220BW	220BW	280BW	320BW
3/4"-1-1/4"	120c	120c	140c	180c	180c	220bw	240bw
1-1/4"-1-3/4"	100C	100C	120C	140C	140C	180C	200C
1-3/4"-2-1/4"	80C	80C	100C	120C	120C	120C	140C
2-1/4"-2-3/4"	60C	60C	70C	80C	80C	80C	90C
2-3/4"-3-1/2"				60C	60C	60C	80C



# Disc Grinder – DG-500 / DG-500HD

## Specifications - DG-500

Disc Diameter	20"	508mm
Disc Speed	1,100 rpm	
Table Dimensions	25.5" x 14.5"	647mm x 368mm
Table Adjustments		
Upward	30°	
Downward	45°	
Motor	2 hp	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	30.5" x 28" x 54.5"	775 x 711 x 1384mm
Shipping Weight	438lbs.	200kgs.

Specifications subject to change without notice.

- 20" disc diameter
- Sturdy, adjustable floor stand
- Hand wheel for fast table adjustments
- 240V / 1Ph



DG-500

## Specifications - DG-500HD

Disc Diameter	20"	508mm
Disc Speed	1,720 rpm	
Table Dimensions	27.5" x 10.5"	699mm x 267mm
Table Adjustments		
Upward	30°	
Downward	45°	
Motor	2 hp	
Power Requirements	240V / 1Ph, 60hz, 30A	
Shipping Dimensions (L x W x H)	48" x 45" x 57"	1219 x 1143 x 1448mm
Shipping Weight	463lbs.	210kgs.

Specifications subject to change without notice.



- 20" disc diameter
- Foot brake
- Table adjusts 15 degrees up and 45 degrees down
- Hydraulic assist table lift
- 1750 rpm
- 240V / 1Ph



DG-500HD



## Belt Grinders – BG-260-3

- 2" x 60" three wheel grinder
- Inverter driven variable speed
- 7" diameter contact wheels
- Quick change belt system
- 240V / 1Ph

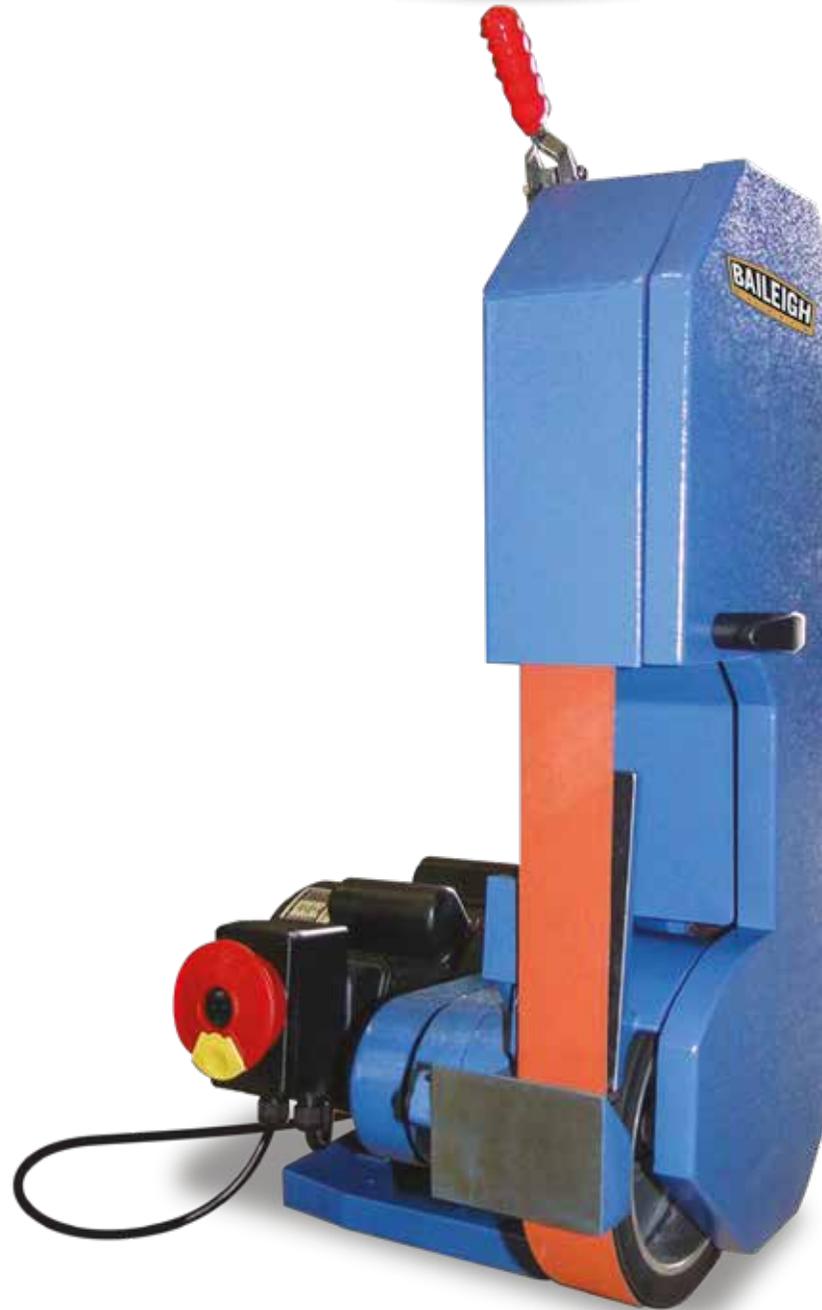


### Specifications - BG-260-3

Belt Size	60" x 2"	1524mm x 51mm
Belt Speeds (ft./min.)	800-8000 fpm (variable)	
Dust Collection	No	647mm x 368mm
Motor	1.5 hp	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	46" x 23" x 23"	1168 x 584 x 584mm
Shipping Weight	125lbs.	57kgs.

*Specifications subject to change without notice.*





## Belt Grinders – BG-248-2

- 2" x 48" two wheel grinder
- Platen, slack, & contact wheel grinding
- Adjustable work rest
- Pivoting head
- 8,000 FPM
- 1.5HP
- 240V
- Blade sharpening and table attachments available (sold separately)



### Specifications - BG-248-2

Belt Size	48" x 2"	1220mm x 50.8mm
Belt Speed	8000 fpm (2438 mpm)	
Motor	1.5 hp	
Power Requirement	240V	
Shipping Dimensions (L x W x H)	26.8" x 24.4" x 13.2"	680 x 620 x 335mm
Shipping Weight	113lbs.	51kgs.

*Specifications subject to change without notice.*



## Belt Grinders - BG-379 / BG-679



**BG-379**



**BG-679**

### Specifications - BG-379

Max. Belt Size	78.75" x 3"	2000mm x 76mm
Contact Wheel (Dia. x Width)	7.87" x 3"	200mm x 76mm
Belt Speed (ft./min.)	6,691 fpm	
Dust Collection	Yes	
Motor	4 hp	
Power Requirements		
Main	400V / 3Ph	
Dust Collection	400V / 3Ph	
Shipping Dimensions (L x W x H)	46" x 23" x 23"	1168 x 584 x 584mm
Shipping Weight	231lbs.	105kgs.

Specifications subject to change without notice.

- 3" belt width
- Dust collection system standard
- Sturdy triangular base
- 3 grinding stations
- 400V / 3Ph



### Specifications - BG-679

Max. Belt Size	78.75" x 6"	2000mm x 152mm
Contact Wheel (Dia. x Width)	9.84" x 6"	250mm x 152mm
Belt Speed (ft./min.)	3,937 fpm	
Dust Collection	Yes	
Motor	4 hp	
Power Requirements		
Main	400V / 3Ph	
Dust Collection	400V / 3Ph	
Shipping Dimensions (L x W x H)	46" x 26" x 26"	1168 x 660 x 660mm
Shipping Weight	286lbs.	130kgs.

Specifications subject to change without notice.

- 6" belt width
- Dust collection system standard
- Sturdy triangular base
- 3 grinding stations
- 400V / 3Ph



## Metal Dust Collectors – MDC-1800



- Dust collector designed for metal working
- Cyclone style
- 1846 CFM
- Quiet
- Fire proof
- Bag filter
- Post filter
- Easily removable chip tray
- Portable
- 240V / 1Ph



### Specifications - MDC-1800

Air Capacity	1846 CFM	
Noise	76 dB	
Inlet Size	8" x 4" (3)	203mm x 101mm (3)
Motor	3 hp	
Power	240V / 1Ph	
Shipping Dimensions	32" x 30" x 42"	815mm x 740mm x 1070mm
Shipping Weight	260lbs.	118kgs.

Specifications subject to change without notice.



## Metal Dust Collectors – MDC-1200-HD

- Heavy duty metalworking dust collector
- 1.5 hp
- 1100 CFM
- Pulse clean filter cartridge system (air supply required)
- Fire resistant teflon coated filter
- Magnehelic pressure gauge
- Full steel construction
- HEPA filter standard
- Tool-less filter maintenance
- CE Certified
- 240V



### Specifications - MDC-1200-HD

Air Capacity	1100 CFM	
Noise	75 dB	
Filter	HEPA Cartridge	
Filter Size	Ø15" x 26"L	Ø380mm x 660mm
Inlet Size	6"	152.4mm
Motor	1.5 hp	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	34.7" x 25.8" x 68.2"	879.8 x 656 x 1731mm
Shipping Weight	550lbs.	250kgs.

Specifications subject to change without notice.



CARTRIDGE FILTER



FILTER REMOVAL



HEPA FILTER



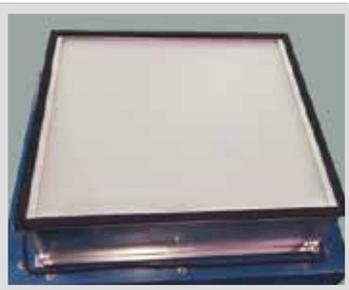
## Metal Dust Collectors – MDC-3500-HD



CARTRIDGE FILTER



FILTER REMOVAL



HEPA FILTER



- Heavy duty metalworking dust collector
- 5 hp
- 2340 CFM
- Pulse clean filter cartridge system
- Fire resistant teflon coated filter
- Magnehelic pressure gauge
- Full steel construction
- HEPA filter standard
- Tool-less filter maintenance
- CE Certified
- 400V / 3Ph



Specifications - MDC-3500-HD		
Air Capacity	2340 CFM	
Noise	78 dB	
Filter	HEPA Cartridge	
Filter Size	Ø15" x 26"L	Ø380mm x 660mm
Inlet Size	10"	354mm
Motor	5 hp	
Power Requirements	400V/ 3Ph	
Shipping Dimensions (L x W x H)	38.2" x 39.2" x 75.6"	969.9 x 994.4 x 1917.6mm
Shipping Weight	550lbs.	250kgs.

*Specifications subject to change without notice.*



## Metal Down Draft Tables – DDTM-5922

- 59" x 22" downdraft table
- 3mm thick stainless steel work surface
- Perfect for grinding and sanding
- Dual motors
- 1790 CFM per motor
- Fireproof air filters
- Easy clean out chip compartments
- 240V



### Specifications - DDTM-5922

Table Size	61" x 21.6"	2000mm
CFM	1790 Per Motor	
Number of Motors	2	
Motor HP	.5 hp	
Filter Type	250 Micron / Fireproof	
Number of Filters	4	
Filter Size	16" x 20" x 1"	406mm x 508mm x 25mm
Shipping Dimension	66" x 28" x 37"	2750mm x 940mm x 1160mm
Shipping Weight	550lbs.	250kgs.

Specifications subject to change without notice.



## Metal Down Draft Tables – DDTM-8024



- 80" x 24" downdraft table
- 3mm thick stainless steel work surface
- Perfect for grinding and sanding
- Dual motors
- 1950 CFM per motor
- Fireproof air filters
- Easy clean out chip compartments
- 240V / 1Ph



### Specifications - DDTM-8024

Table Size	80" x 24"	2035mm x 610mm
CFM	1950 Per Motor	
Number of Motors	2	
Motor HP	1 hp	
Filter Type	250 Micron / Fireproof	
Number of Filters	4	
Filter Size	16" x 20" x 1"	406mm x 508mm x 25mm
Shipping Dimension	87" x 32" x 35"	2200mm x 805mm x 880mm
Shipping Weight	715lbs.	325kgs.

*Specifications subject to change without notice.*



## Metal Down Draft Tables – DDTM-4840-HD

- 48" x 40" working area
- Heavy duty metalworking down draft table
- Perfect for grinding or sanding
- 2 hp
- 1350 CFM
- 3 stage filter
  1. Fire resistant aluminum
  2. Pulse clean filter system (air supply required)
  3. HEPA filter
- Easy clean out chip tray
- Full steel construction
- Includes side and back panels
- Integrated work light
- 110V aux. outlet
- Aux. air port
- CE Certified
- 400V / 3Ph



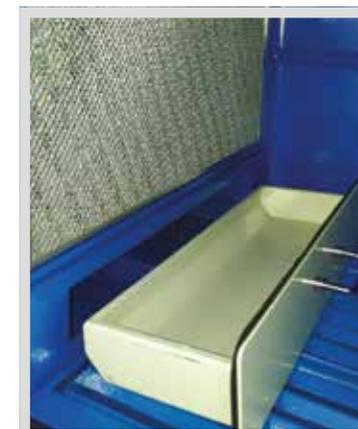
### Specifications - DDTM-4840- HD

Table Size	48" x 40"	1240mm x 1030mm
Table Surface	Open Grate System	
CFM	1350 at Base	
Face Velocity	244 FPM	
Filter System	3 Stage	
Stage 1 Filter	Aluminum Mesh	
Stage 1 Filter Size	11.3" x 23.8" x 0.86"	285 x 630 x 22mm
Stage 2 Filter	Polyester Teflon Coated Cartridge with Pulse Clean	
Stage 2 Filter Size	Ø11.25" x 13"L	Ø385 x 330mm L
Stage 3 Filter	HEPA	
Stage 3 Filter Size	18" x 20" x 5.9"	457 x 508 x 150mm
Required Air Supply	60-90 psi (For Pulse Clean Feature)	
Motor	1.5 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	58.8" x 39.3" x 73.6"	1493 x 998 x 1869mm
Shipping Weight	1,019lbs.	468kgs.

Specifications subject to change without notice.



CARTRIDGE FILTER



CHIP TRAY



HEPA FILTER



## Metal Down Draft Tables – DDTM-8052-HD

- 72" x 52" working area
- Heavy duty metalworking down draft table
- Perfect for grinding or sanding
- 5 hp
- 2340 CFM
- 3 stage filter
  1. Fire resistant aluminum
  2. Pulse clean filter system (air supply required)
  3. HEPA filter
- Easy clean out chip tray
- Full steel construction
- Includes side and back panels
- Integrated work light
- 110V aux. outlet
- Aux. air port
- CE Certified
- 400V / 3Ph



### Specifications - DDTM-8052-HD

Table Size	78" x 52"	1990mm x 1321mm
Table Surface	Open Grate System	
CFM	2340 at Base	
Face Velocity	222 FPM	
Filter System	3 Stage	
Stage 1 Filter	Aluminum Mesh x 2	
Stage 1 Filter Size	11.3" x 23.8" x 0.86"	285 x 630 x 22mm
Stage 2 Filter	Polyester Teflon Coated Cartridge with Pulse Clean x 6	
Stage 2 Filter Size	Ø11.25" x 13"L	Ø385 x 330mm L
Stage 3 Filter	HEPA	
Stage 3 Filter Size	18" x 20" x 5.9"	457 x 508 x 150mm
Required Air Supply	60-90 psi (For Pulse Clean Feature)	
Motor	5 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	88.3" x 53.2" x 73.6"	2241.5 x 1350 x 1870.9mm
Shipping Weight	1,742lbs.	790kgs.

Specifications subject to change without notice.



## Plate Bevelers - CM-6

- Chamfering machine
- Adjustable angle from 15° to 45°
- 240V



### Specifications - CM-6

Chamfer Size	0 - .236"	0 - 6mm
Chamfer Angle	15 - 45°	
Motor	1.5 hp	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	16" x 20" x 20"	406 x 508 x 508mm
Shipping Weight	180lbs.	82kgs.

Specifications subject to change without notice.



## Plate Bevelers – CM-10P

- Portable
- Includes bench mount
- Brushless motor technology
- Light weight
- 5-blade cutter head with removable inserts included
- Breakaway cord
- 3/8" mild steel bevel capacity
- 240V



### Specifications - CM-10P

Chamfer @ 90°	0 - .275"	0 - 7mm
Chamfer @ 45°	0 - .393"	0 - 10mm
Motor	1 hp Brushless	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	20" x 12" x 12"	508 x 305 x 305mm
Shipping Weight	20lbs.	9.28kgs.

*Specifications subject to change without notice.*



## Plate Bevelers – CM-15DS

- Maximum width of bevel 15mm
- Self feeding material system
- "Can opener" style plate beveler
- Unique stand that can manipulate machine easily to compensate for uneven floors or deformed metal
- Stand allows machine to be rotated 180°
- Automatic feeding
- 15–50° variable angle
- Material thickness 6–40mm
- Portable
- 400V / 3Ph
- Optional Stand



### Specifications - CM-15DS

Max. Bevel Width	.59"	15mm
Bevel Angle	15° to 50° Variable	
Material Thickness	.236" to 1.57"	6mm to 40mm
Blade Speed	2800 rpm	
Cutting Speed	11.4 F/min.	3.5 m /min.
Motor	2 hp	
Shipping Dimensions (L x W x H)	27" x 19" x 40"	690 x 470 x 1000mm
Shipping Weight	261lbs.	119kgs.

Specifications subject to change without notice.



### Optional Tooling for CM-15DS

- Replacement Blades
- Premium TIN Coated Cutter
- Non-coated cutter





## Plate Bevelers – CM-50DS

- Maximum width of bevel 62mm/15°, 50mm/45°
- Great for steel, stainless and aluminum
- Double sided
- Unique stand that can manipulate machine easily to compensate for uneven floors or deformed metal
- Stand allows machine to be rotated 180°
- Automatic feeding
- 15–60° variable angle
- Material thickness 7–40mm
- Includes support table for small material
- Portable
- 400V / 3Ph
- Optional Stand



### Specifications - CM-50DS

Max. Bevel Width (15°)	2.44"	62mm
Max. Bevel Width (45°)	2"	50mm
Bevel Angle	15° to 60° Variable	
Material Thickness	.275" to 2.75"	7mm to 70mm
Min. Material Dim.	7.8" x 3.93" x 2.75"	200 x 100 x 7mm
Max. Material Thickness	3"	76mm
Cutting Speed	0–3.9 F/min.	0–1.2 m /min.
Cutting Motor	5.25 hp	
Feeding Motor	1/8 hp	
Milling Head	3.34" with 5 Inserts	85mm with 5 Inserts
Shipping Dimensions (L x W x H)	33" x 49" x 62"	825 x 1225 x 1550mm
Shipping Weight	640lbs.	291kgs.

Specifications subject to change without notice.

### Optional Tooling for CM-50DS

Package of 10 Milling head inserts

Milling head, Includes Screws (Does Not Include Inserts)

Milling head Insert Screws, 10 Per package



## Deburring Machine - DM-10

- Deburs tube, pipe, and profiles
- Two Speed Motor
- Includes heavy duty pedestal stand
- Integrated filter bag
- Optional deburring wheels available
- 240V / 3Ph



### Specifications - DM-10

Motor	3 hp	
Wheel Thickness	10" x 2.375"	250mm x 60mm
Wheel Speed	1400 and 2800 rpm	
Power	400V / 3Ph	
Shipping Dimensions (L x W x H)	27" x 19" x 40"	690 x 470 x 1000mm
Shipping Weight	261lbs.	119kgs.

*Specifications subject to change without notice.*

### Optional Tooling for DM-10

Medium, Steel Wire Wheel, 250 x 60mm Dia., .3mm Wire  
 Fine, Steel Wire Wheel, 250 x 60mm Dia., .2mm Wire  
 Coarse, Steel Wire Wheel, 250 x 60mm Dia., .5mm Wire  
 Stainless Steel Wire Wheel, 250 x 60mm Dia., .3mm Wire



## Welding Positioners – WP-450 / WP-750

Specifications - WP-450		
Vertical Capacity	484lbs.	220kgs.
Horizontal Capacity	242lbs.	110kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.4 to 4 rpm	
Turntable Size	13"	330mm
Drive	Foot Pedal	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	24" x 24" x 24"	610 x 610 x 610mm
Shipping Weight	140lbs.	64kgs.

Specifications subject to change without notice.

- Table capacity 484lbs
- 240V
- Foot pedal operated
- Easy to use manual tilt
- 135° of tilt
- 13" turn table
- Protected for up to 500 amps. (intermittent)



WP-450



WP-750



Specifications - WP-750		
Vertical Capacity	770lbs.	350kgs.
Horizontal Capacity	385lbs.	175kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.3 to 4 rpm	
Turntable Size	13"	330mm
Drive	Foot Pedal	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	36" x 36" x 24"	915 x 915 x 610mm
Shipping Weight	170lbs.	77kgs.

Specifications subject to change without notice.

- Table capacity 770lbs
- Variable speed
- 240V
- Foot pedal operated
- Easy to use manual tilt
- 135° of tilt
- 13" turn table
- Protected for up to 500 amps.



## Welding Positioners – WP-1100

- Table capacity 1,100lbs
- Variable speed
- 240V
- Foot pedal operated
- Easy to use manual tilt
- 135° of tilt
- 19.5" turn table
- Protected for up to 500 amps. (intermittent)



### Specifications - WP-1100

Vertical Capacity	1,100lbs.	500kgs.
Horizontal Capacity	550lbs.	250kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.2 to 2 rpm (Variable)	
Turntable Size	19"	500mm
Drive	Foot Pedal	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	48" x 48" x 36"	1220 x 1220 x 915mm
Shipping Weight	370lbs.	168kgs.

*Specifications subject to change without notice.*



## Welding Jig Tables – WJT-3939

- 39" x 39" table
- Made from Q345 steel
- Brinell hardness 140-160
- Single mounting surface
- 2 ton weight capacity
- Industry standard 28mm mounting holes
- 100mm hole spacing
- Etched position marks
- Includes table oiler, brush and cleaning stone



### Specifications - WJT-3939

Working Table Size	39" x 39"	100 x 100mm
Table Load Capacity	2 tons	
Table Height	33.5"	850mm
Table Flatness	+/.0025"	
Number of Mounting Surfaces	1	
Mounting Hole Size	1.10"	28mm
Mounting Hole Spacing	3.39"	100mm
Shipping Weight	640lbs.	290kgs.

*Specifications subject to change without notice.*



## Welding Jig Tables – WJT-4747-HD

- 47" x 47" table
- Made from Q345 steel
- Brinell hardness 140-160
- 5 mounting surfaces
- 2 ton weight capacity
- Industry standard 28mm mounting holes
- 100mm hole spacing
- Etched position marks
- Includes table oiler, brush and cleaning stone



### Specifications - WJT-4747-HD

Working Table Size	47" x 47"	1200 x 1200mm
Table Load Capacity	2 tons	
Table Height	33.5"	850mm
Table Flatness	+/.0025"	
Number of Mounting Surfaces	5	
Mounting Hole Size	1.10"	28mm
Mounting Hole Spacing	3.93"	100mm
Shipping Weight	1,320lbs.	600kgs.

Specifications subject to change without notice.



## Welding Jig Tables – WJT-7839-HD



- 78" x 39" table
- Made from Q345 steel
- Brinell hardness 140-160
- 5 mounting surface
- Expandable
- 2 ton weight capacity
- Industry standard 28mm mounting holes
- 100mm hole spacing
- Etched position marks
- Includes table oiler, brush and cleaning stone



### Specifications - WJT-7839-HD

Working Table Size	78" x 39"	2000 x 1000mm
Table Load Capacity	2 tons	
Table Height	33.5"	850mm
Table Flatness	+/.0025"	
Number of Mounting Surfaces	5	
Mounting Hole Size	1.10"	28mm
Mounting Hole Spacing	3.93"	100mm
Shipping Weight	1,430lbs.	650kgs.

*Specifications subject to change without notice.*



## Accessory Kit – WJT-AK43

The WJT-AK43 43 piece welding jig table accessory kit is the perfect starter set for the Baileigh Industrial line of welding tables. Shown is a list of the included tooling. For further information call us at 02476 619267



1. LOCATING ANGLE SQUARE (D28) x 4
2. LOCATING ANGLE SQUARE (D28) x 4
3. LOCATING LEVELING RULER (D28) x 2
4. V-SHAPE LOCATING PIECE (D28) x 2
5. WRENCH LOCKING PIN (D28) x 6
6. FLAT HEAD QUICK LOCKING PIN (D28) x 4
7. FIXED CLAMPING PIECE (D28) x 2
8. ADJUSTABLE CLAMPING PIECE (D28) x 2
9. 45 DEGREE INCLINED HANDLE (D28) x 2
10. CLAMPING PIECE WITH ROUND BASE (D28) x 2
11. TOGGLE CLAMP WITH SQUARE BASE (D28) x 2
12. HEXAGONAL WRENCHES (NOT SHOWN)
13. NYLON BRUSHES
14. OIL STONE (NOT SHOWN)
15. OIL POT

## Fume Extractors – FE-850

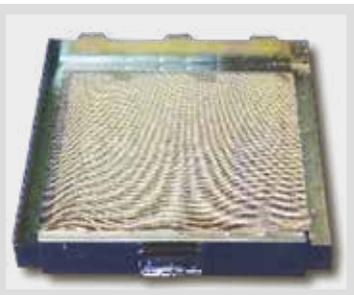
- Heavy duty welding fume extractor
- 6" x 10' extractor arm
- 1.5 hp
- 850 CFM
- 4 stage filter
  1. Stainless steel mesh
  2. Aluminum mesh
  3. Pre-pleated filter
  4. HEPA filter
- Portable
- Full steel construction
- CE Certified
- Tool-less filter maintenance
- 240V



HEPA FILTER



ALUMINUM FILTER



STAINLESS FILTER



PRE-PLEATED FILTER

### Specifications - FE-850

CFM	850	
Filter System	4 Stage	
Stage 1 Filter	Stainless Mesh	
Stage 1 Filter Size	21.8" x 11.6"	554 x 295mm
Stage 2 Filter	Aluminum Mesh	
Stage 2 Filter Size	21.25" x 17.25" x 7/8"	540 x 440 x 22mm
Stage 3 Filter	Pre-Pleated Filter	
Stage 3 Filter Size	23.3" x 23.3" x 1.5"	595 x 595 x 45mm
Stage 4 Filter	HEPA	
Stage 4 Filter Size	24" x 24" x 11.5"	593 x 593 x 300mm
Fume Arm	6" x 10"	152 x 3050mm
Motor	1.5 hp	
Power Requirements	240V	
Shipping Dimensions (L x W x H)	47" x 29.4" x 33.5"	1203 x 746 x 850.2mm
Shipping Weight	590lbs.	268kgs.

Specifications subject to change without notice.



## Fume Extractors – FE-1200

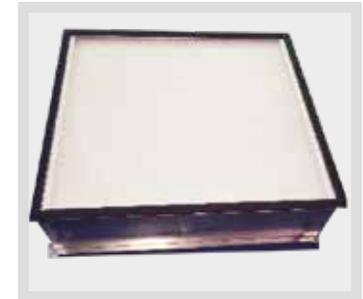
- Heavy duty welding fume extractor
- 8" x 10' extractor arm
- 1.5 hp
- 1110 CFM
- 3 stage filter
  1. Fire resistant aluminum filter
  2. Pulse clean canister filter system (air supply required)
  3. HEPA filter
- Portable
- Full steel construction
- CE Certified
- Tool-less filter maintenance
- 240V



### Specifications - FE-1200

CFM	1110	
Filter System	3 Stage	
Stage 1 Filter	Aluminum Mesh	
Stage 1 Filter Size	21.2" x 17.3" x 0.87"	540 x 440 x 22mm
Stage 2 Filter	Polyester Teflon Coated Cartridge with Pulse Clean	
Stage 2 Filter Size	Ø11.2" x 13" L	Ø385 x 330mm L
Stage 3 Filter	HEPA	
Stage 3 Filter Size	18" x 20" x 5.9"	457 x 508 x 150mm
Required Air Supply	60 - 90psi (For Pulse Clean Feature)	
Motor	5 hp	
Power Requirements	240V / 3Ph	
Shipping Dimensions (L x W x H)	88.3" x 53.2" x 73.6"	2241.5 x 1350.9 x 1870.9mm
Shipping Weight	1,742lbs.	790kgs.

Specifications subject to change without notice.



HEPA FILTER



ALUMINUM FILTER



CHIP TRAY



# Drill Presses – DP-1500G

- 1-1/2" through mild steel
- Gear driven – 8-speed head
- Utilizes MT No.4 spindle taper
- Coolant system
- Includes power down feed
- Power down feed
- Reversible motor for tapping
- 4 down feed speeds
- 400V / 3Ph



### Specifications - DP-1500G

Drill Capacity	1.5"	38mm
Tapping Capacity	1.3"	33mm
Spindle Speeds (Rpm)	108, 162, 240, 360, 528, 805, 1175, 1800	
Spindle Taper	MT 4	
Spindle Travel	7.48"	190mm
Table Dimension (L x W)	20" x 16"	508mm x 406mm
Base Dimensions (L x W)	19.5" x 28"	495mm x 711mm
Motor	3.5 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions (L x W x H)	84" x 23" x 37"	2134 x 584 x 940mm
Shipping Weight	682lbs.	310kgs.

Specifications subject to change without notice.



## Drill Presses – DP-1850G

- Large 26" swing
- 1" tapping capacity
- MT No.4 spindle taper
- Gear head
- Electronic power down feed
- Reversible motor for tapping
- Automatic tool ejector
- Coolant system
- Unique L-shaped table tilts 90° left and right
- 400V / 3Ph



### Specifications - DP-1850G

Max. Drill Capacity	1.57"	40mm
Max. Tapping Capacity	1"	25.4mm
Swing	27"	700mm
Distance from Spindle to Table	30"	770mm
Distance from Spindle to Base	47.8"	1215mm
Spindle Taper	MT4	
Spindle Travel	7"	180mm
Spindle Speeds	60-1740 rpm	
Power Feed	2 Steps	
Table Size	22" x 22"	560mm x 560mm
Base Size	29" x 20"	735mm x 510mm
T-Slot Width	.7"	18mm
Motor	2 hp	
Power Requirements	400V / 3Ph	
Shipping Dimensions	89" x 23" x 43"	2270 x 580 x 1100mm
Shipping Weight	1,320	600kgs.

Specifications subject to change without notice.





## Drill Presses – DP-1000VS

- 1" through mild steel
- Variable-speed inverter-driven head
- Utilizes MT No.3 spindle taper
- Digital RPM readout
- Integrated coolant system
- Auto reverse for tapping
- Includes drill chuck
- 240V / 1Ph



Specifications - DP-1000VS		
<b>Drill Capacity</b>		
Steel	1"	25mm
Cast Iron	1.25"	32mm
<b>Tapping Capacity</b>		
Steel	5/8"	16mm
Cast Iron	3/4"	19mm
Spindle Speed	150 – 3000 rpm	
Spindle Taper	MT 3	
Spindle Travel	5.3"	135mm
Spindle Nose to Table	23.8"	605mm
Spindle Nose to Base	45.3"	1150mm
Quill Diameter	2.44"	62mm
Column Diameter	3.62"	92mm
Table Dimension (L x W)	18.1" x 14.2"	460mm x 360mm
Table Slot	.625"	16mm
Base Dimensions (L x W)	27" x 19"	685mm x 485mm
<b>Motor</b>		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	32" x 24" x 79"	813 x 610 x 2007mm
Shipping Weight	579lbs.	263kgs.

*Specifications subject to change without notice.*



## Drill Presses – DP-1250VS

- 1-1/2" through mild steel
- Variable-speed inverter-driven head
- Utilizes MT No.4 spindle taper
- Digital RPM readout
- Integrated coolant system
- Includes drill chuck
- Auto reverse for tapping
- 240V / 1Ph



### Specifications - DP-1250VS

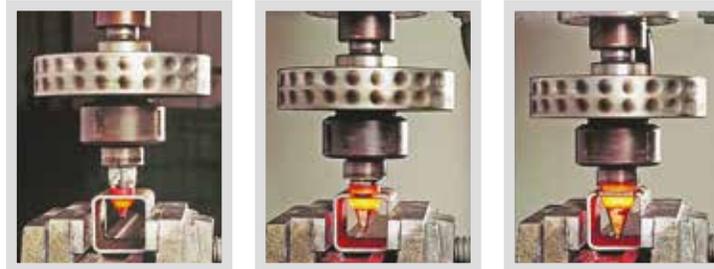
Drill Capacity	1.5"	38mm
Tapping Capacity	3/4"	19mm
Spindle Speed		
High	245 - 2000 rpm	
Low	85 - 540 rpm	
Swing	20.8"	530mm
Spindle Taper	MT 4	
Spindle Travel	5.9"	150mm
Spindle Nose to Table	36.41"	925mm
Spindle Nose to Base	48.22"	1225mm
Quill Diameter	2.95"	75mm
Column Diameter	4.52"	115mm
Table Dimension (L x W)	22" x 18.5"	559mm x 470mm
Table Slot	.625"	16mm
Base Dimensions (L x W)	27" x 19"	685mm x 485mm
Motor		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	40" x 25" x 83"	1016 x 635 x 2108mm
Shipping Weight	847lbs.	385kgs.

Specifications subject to change without notice.



# Drill Presses – DP-1250VS-HS

- High speed version of DP-1250VS
- Perfect for thermal friction drilling applications
- 1-1/2" capacity thru mild steel
- Variable-speed inverter-driven head
- Includes coolant system
- Work light
- Auto reverse for tapping
- 240V / 1Ph



THE DP-1250VS-HS TURNS UP TO 4,000 RPMs AND IS PERFECT FOR THERMAL FRICTION DRILLING.



### Optional Tooling

- 1/8" Standard Thermal Friction Drill
- 1/8" Flat Top Thermal Friction Drill
- 1/8" Tap for Thermal Friction Drill, Made from HSS and Cobalt Tin Coated
- 1/4" Standard Thermal Friction Drill
- 1/4" Flat Top Thermal Friction Drill
- 1/4" Tap for Thermal Friction Drill, Made from HSS and Cobalt Tin Coated
- 5/16" Standard Thermal Friction Drill
- 5/16" Flat Top Thermal Friction Drill
- 5/16" Tap for Thermal Friction Drill, Made from HSS and Cobalt Tin Coated
- 3/8" Standard Thermal Friction Drill
- 3/8" Flat Top Thermal Friction Drill
- 3/8" Tap for Thermal Friction Drill, Made from HSS and Cobalt Tin Coated
- 1/2" Standard Thermal Friction Drill
- 1/2" Flat Top Thermal Friction Drill
- 1/2" Tap for Thermal Friction Drill, Made from HSS and Cobalt Tin Coated
- MT3 Thermal Friction Drill Tooling Holder for 1/8" through 1/2" Bits
- MT4 Thermal Friction Drill Tooling Holder for 1/8" through 1/2" Bits

Metric sizes available.

### Specifications - DP-1250VS-HS

Drill Capacity	1.5"	38mm
Tapping Capacity	3/4"	19mm
Spindle Speed		
High	245 – 4000 rpm	
Low	85 – 540 rpm	
Swing	20.8"	530mm
Spindle Taper	MT 4	
Spindle Travel	5.9"	150mm
Spindle Nose to Table	36.41"	925mm
Spindle Nose to Base	48.22"	1225mm
Quill Diameter	2.95"	75mm
Column Diameter	4.52"	115mm
Table Dimension (L x W)	22" x 18.5"	559mm x 470mm
Table Slot	.625"	16mm
Base Dimensions (L x W)	27" x 19"	685mm x 485mm
Motor		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements	240V / 1Ph	
Shipping Dimensions (L x W x H)	40" x 25" x 83"	1016 x 635 x 2108mm
Shipping Weight	847lbs.	385kgs.

Specifications subject to change without notice.



## Drill Presses – DP-1500VS

- 1-1/2" thru mild steel
- Variable-speed inverter-driven head
- 3-speed power down feed
- Utilizes MT No.4 spindle taper
- Auto reverse tapping feature
- Digital RPM readout
- Integrated coolant system
- Includes drill chuck
- Power down feed for drilling
- 240V / 1Ph



### Specifications - DP-1500VS

#### Drill Capacity

Steel	1.5"	38mm
Cast Iron	1.75"	45mm

Tapping Capacity	.937"	24mm
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#### Spindle Speed

High	245 – 2000 rpm	
Low	85 – 540 rpm	

Spindle Taper	MT 4	
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Spindle Travel	5.9"	150mm
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Spindle Nose to Table	22.75"	580mm
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Spindle Nose to Base	40.75"	1035mm
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Quill Diameter	2.95"	75mm
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Quill Feed (3-speeds)	.0078", .004",	.2mm, .1mm
	.002" per rev.	.05mm per rev.

Column Diameter	4.52"	115mm
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Table Dimension (L x W)	22" x 18.5"	560mm x 470mm
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Table Slot	.625"	16mm
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Base Dimensions (L x W)	27" x 19"	685mm x 485mm
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#### Motor

Main	2 hp	
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Coolant	1/8 hp	
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Power Requirements	240V / 1Ph	
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Shipping Dimensions (L x W x H)	40" x 25" x 83"	1016 x 635 x 2108mm
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Shipping Weight	902lbs.	410kgs.
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Specifications subject to change without notice.



## Tapping Arms – ATM-27-1000



- Air tapping spindle
- Work range 3.93" to 39.3"
- Slanted arm
- Table mount system
- 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" tap holders included



### Specifications - ATM-27-1000

Tapping Range	.11" to 1"	3mm to 27mm
Work Range (Maximum)	39.3"	1000mm
Work Range (Minimum)	3.93"	100mm
Spindle Speeds	220 rpm	
Spindle Operation	Pneumatic	
Automatic Depth Control	No	
Included Tap Holders	1/4", 3/8", 1/2", 5/8", 3/4" and 7/8"	
Voltage	N/A	
Shipping Weight	55lbs.	25kgs.

*Specifications subject to change without notice.*



## Tapping Arms – ATM-27-1900

- Air tapping spindle
- Work range 7.8" to 74.8"
- Dual stretch arm
- Slanted arm for increased reach
- Table mount system
- Adjustable spindle mount for variable degree tapping
- 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" tap holders included



OPTIONAL WORK CART



### Specifications - ATM-27-1900

Tapping Range	.11" to 1"	3mm to 27mm
Work Range (Maximum)	74.8"	1900mm
Work Range (Minimum)	7.8"	200mm
Spindle Speeds	220 rpm	
Spindle Operation	Pneumatic	
Automatic Depth Control	No	
Included Tap Holders	1/4", 3/8", 1/2", 5/8", 3/4" and 7/8"	
Voltage	N/A	
Shipping Weight	84lbs.	38kgs.

Specifications subject to change without notice.





## Vertical Mills – VM-626-1

- 6" x 26" work table
- Can be bench mounted
- Includes heavy duty stand
- R8 spindle taper
- One shot lubrication
- 1/2" t-slots
- Headstock tilts 90 degree left or right
- 9 speeds
- Work light
- Micro-feed spindle head wheel
- 240V



### Specifications - VM-626-1

Spindle Taper		R8
Working Table Size	6" x 26"	152.4mm x 660.4mm
Work Table Travel (X/Y/Z)	14.5" / 6" / 14.75"	370mm / 150mm / 345mm
Spindle Nose to Worktable	0 to 13.75"	0 to 345mm
Speeds		9
RPM		230 to 2500
Motor		1.5 hp
Power Requirement		240V
Shipping Dimensions (L x W x H)	48" x 48" x 60"	1220 x 1220 x 1525mm
Shipping Weight	575lbs.	262kgs.

*Specifications subject to change without notice.*



## Vertical Mills – VM-949VS

- 9" x 49" table
- Variable speed from 60 to 4,200rpm
- R8 spindle and drawbar
- DRO for X and Y axis
- Power feed X axis w/ rapid traverse
- Integrated coolant system
- Halogen work light
- 240V / 1Ph



### Specifications - VM-949VS

Table Size	49" x 9"	1246 x 230mm
T Slots	3 @ .625"	16mm
Travel Auto X Axis (Left/Right)	29"	745mm
Travel Manual X Axis (Left/Right)	32.375"	82mm
Travel Manual Y Axis (Forward/Backward)	12"	305mm
Travel Manual Z Axis (Raise/Lower)	16"	406mm
Table Load Capacity	770lbs.	350kgs.
Spindle Speed Range	70 to 4320 RPM	
Spindle Travel	5"	127mm
Spindle Diameter	3.37"	85.725mm
Spindle Taper	R8	
Spindle Feed Per Rev	.0015"/.003"/.008"	.038mm/.076mm/.203mm
Spindle Head Swivel	45° (F&R), 90° (R&L)	
Cross Travel of Ram	12"	305mm
Power Requirement	240V / 1Ph, 60hz	
Motor Spindle	3 hp, 1ph, 60hz, 60–4200 RPM VS	
Motor Coolant	1/16 hp (40 watt), 220V, 3360 RPM	
Shipping Dimensions (L x W x H)	65" x 67" x 79"	1651 x 1701 x 2006mm
Shipping Weight(approx.)	2,200lbs.	1000kgs.

Specifications subject to change without notice.



## Vertical Mills – VM-942-1

- 3-axis DRO – standard
- NST 40 spindle taper
- Power feed on X, Y, and Z axis
- Turcite B® coated ways and guides for extreme durability
- Meehanite® castings for superior rigidity
- Standard draw bar
- Way covers and chip tray included
- Adjustable work light



### Specifications - VM-942-1

Table Size (L x W)	42" x 9"	1067mm x 230mm
Table Load Capacity	770lbs.	350kgs.
T-Slot Size	.625"	16mm
<b>Travel</b>		
Manual X-Axis	30"	762mm
Manual Y-Axis	12"	305mm
Manual Z-Axis	16"	406mm
Auto X-Axis	28.5"	724mm
Auto Y-Axis	12"	305mm
Auto Z-Axis	16"	406mm
Spindle Taper	NST 40	
Spindle Speeds	70 – 4200 rpm	
Spindle Feed Per Rev.	.0015"/.003"/.006"	.04/.08/.15mm
Spindle Diameter	3.37"	85.5mm
Spindle Head Swivel	45° (F&R) 90° (R&L)	
Spindle Travel	5"	127mm
Spindle Nose to Table (min./max.)	0 – 16"	0 – 406mm
Spindle Center to Column (min./max.)	0 – 12"	0 – 305mm
Cross Travel of Ram	12"	305mm
Motor Spindle	3 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 60" x 75"	1524 x 1524 x 1905mm
Shipping Weight	2,200lbs.	1000kgs.

Specifications subject to change without notice.



## Vertical Mills – VM-949-1

- Mitutoyo 2 axis DRO – standard
- Yaskawa inverter head
- Pneumatic power draw bar
- Power feed on X, Y, and Z axis
- NST 40 spindle taper
- Standard table and knee locks
- Reversing quill
- Turcite B® coated ways and guides for extreme durability
- Meehanite® castings for superior rigidity
- Way covers and chip tray included
- Adjustable halogen work light
- 240V / 1Ph

### Specifications - VM-949-1

Table Size (L x W)	49" x 9"	1245mm x 230mm
Table Load Capacity	440lbs.	200kgs.
T-Slot Size	.625"	16mm
<b>Travel</b>		
Manual X-Axis	28.5"	724mm
Manual Y-Axis	12"	305mm
Manual Z-Axis	16"	406mm
Auto X-Axis	25.19"	640mm
Auto Y-Axis	12"	305mm
Auto Z-Axis	16"	406mm
Spindle Taper	NST 40	
Spindle Speeds	60 – 4200 rpm	
Spindle Feed Per Rev.	.0015"/.003"/.005"	.04/.08/.13mm
Spindle Diameter	3.37"	85.5mm
Spindle Head Swivel	45° (F&R) 90° (R&L)	
Spindle Travel	5"	127mm
Spindle Nose to Table (min./max.)	2.24" – 18.22"	57 – 463mm
Spindle Center to Column (min./max.)	8.38" – 20.98"	213 – 533mm
Cross Travel of Ram	12.59"	320mm
Motor Spindle	3 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	240V / 1Ph	
Shipping Dimensions (L x W x H)	60" x 60" x 83"	1524 x 1524 x 2110mm
Shipping Weight	2,200lbs.	1000kgs.

Specifications subject to change without notice.



## Vertical Mills – VM-1054-3

- Mitutoyo 2 axis DRO – standard
- Yaskawa inverter head
- Pneumatic power draw bar
- Power feed on X, Y, and Z axis
- NST 40 spindle taper
- Standard table and knee locks
- Reversing quill
- Turcite B® coated ways and guides for extreme durability
- Meehanite® castings for superior rigidity
- Way covers and chip tray included
- Adjustable halogen work light



### Specifications - VM-1054-3

Table Size (L x W)	54" x 10"	1372mm x 254mm
Table Load Capacity	550lbs.	250kgs.
T-Slot Size	.625"	16mm
<b>Travel</b>		
Manual X-Axis	35.43"	900mm
Manual Y-Axis	15.75"	400mm
Manual Z-Axis	16"	406mm
Auto X-Axis	32.25"	820mm
Auto Y-Axis	15.75"	400mm
Auto Z-Axis	16"	406mm
Spindle Taper	NST 40	
Spindle Speeds	80 – 3800 rpm	
Spindle Feed Per Rev.	.0015"/.003"/.005"	.04/.08/.13mm
Spindle Diameter	3.93"	100mm
Spindle Head Swivel	45° (F&R) 90° (R&L)	
Spindle Travel	5"	127mm
Spindle Nose to Table (min./max.)	1.57" – 17.55"	40 – 445mm
Spindle Center to Column (min./max.)	7.87" – 26.77"	200 – 680mm
Cross Travel of Ram	18.89"	480mm
Motor Spindle	3 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	400V / 3Ph	
Shipping Dimensions (L x W x H)	60" x 60" x 87"	1524 x 1524 x 2210mm
Shipping Weight	3,000lbs.	1364kgs.

Specifications subject to change without notice.

## Vertical Mills – VM-1258-3

- Mitutoyo 2 axis DRO – standard
- Yaskawa inverter head
- Pneumatic power draw bar
- Power feed on X, Y, and Z axis
- NST 40 spindle taper
- Standard table and knee locks
- Ball screws on X and Y axis
- Reversing quill
- Turcite B® coated ways and guides for extreme durability
- Meehanite® castings for superior rigidity
- Way covers and chip tray included
- Adjustable halogen work light

### Specifications - VM-1258-3

Table Size (L x W)	58" x 12"	1474mm x 305mm
Table Load Capacity	770lbs.	350kgs.
T-Slot Size	.625"	16mm
<b>Travel</b>		
Manual X-Axis	36.61"	930mm
Manual Y-Axis	15.74"	400mm
Manual Z-Axis	17.71"	450mm
Auto X-Axis	36.22"	920mm
Auto Y-Axis	14.96"	380mm
Auto Z-Axis	17.71"	450mm
Spindle Taper	NST 40	
Spindle Speeds	80 – 3800 rpm	
Spindle Feed Per Rev.	.0035"/.07"/.14"	.09/1.78/3.56mm
Spindle Diameter	3.93"	100mm
Spindle Head Swivel	90° (R&L)	
Spindle Travel	5.51"	140mm
Spindle Nose to Table (min./max.)	1.37" – 19.09"	35 – 485mm
Spindle Center to Column (min./max.)	5.11" – 21.65"	130 – 550mm
Cross Travel of Ram	16.53"	420mm
Motor Spindle	5 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	400V / 3Ph	
Shipping Dimensions (L x W x H)	70" x 61" x 91"	1778 x 1550 x 2312mm
Shipping Weight	3,740lbs.	1700kgs.

Specifications subject to change without notice.





## Mill/Drill – VMD-30VS

- Variable speed inverter driven head
- Manual feed
- R8 spindle taper
- Digital RPM readout
- Integrated coolant system
- Swing away safety shield
- Halogen work light
- 7/16" x 20" draw bar
- 240V / 1Ph



### Specifications - VMD-30VS

Drilling Capacity	1.125"	30mm
Tapping Capacity	.625"	16mm
Face Milling Capacity	3"	76mm
Spindle Taper		R8
Spindle Travel	5.9"	150mm
Spindle Nose to Table	19.7"	500mm
X-Axis Travel	14.5"	368mm
Y-Axis Travel	6.67"	170mm
Table Size	28.75" X 8.25"	730mm x 210mm
Table Capacity	440lbs.	200kgs.
T-Slots	.625"	16mm
Spindle Speeds		150 – 2500 rpm
Motor		2 hp
Coolant Motor		1/8 hp
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1120 x 1728mm
Shipping Weight	616lbs.	280kgs.

Specifications subject to change without notice.



## Mill/Drill – VMD-40G

- Gear driven head
- Manual feed
- R8 spindle taper
- Integrated coolant system
- Storage cabinet
- 7/16" x 20" draw bar
- 240V



### Specifications - VMD-40G

Drilling Capacity	1.5"	38mm
Face Milling Capacity	3"	76mm
Spindle Taper		R8
Spindle Travel	4.75"	120mm
Spindle Nose to Table	17.5"	445mm
X-Axis Travel	14.5"	368mm
Y-Axis Travel	9"	230mm
Table Size	28.75" X 8.25"	730mm x 210mm
Table Capacity	400lbs.	182kgs.
T-Slots	.625"	16mm
Spindle Speeds	70, 140, 230, 420, 850, 1500 rpm	
Motor		1.5 hp
Coolant Motor		1/8 hp
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1120 x 1220mm
Shipping Weight	710lbs.	323kgs.

Specifications subject to change without notice.



## Lathes - PL-1236E-DRO

- 2-axis digital readout
- 6" three jaw chuck
- 8" four jaw chuck
- Face plate
- Steady rest
- Follow rest
- Quick change tool holder
- Foot brake
- Coolant system with splash guard
- Removable chip tray
- 240V / 1Ph



### Specifications - PL-1236E-DRO

Swing Over Bed	12"	305mm
Swing Over Cross Slide	7"	78mm
Distance Between Centers	36"	914mm
Spindle Bore	1.50"	38mm
Spindle Bore Taper	Morse #5	
Spindle Speeds	9 (70 - 1500 rpm)	
Travel of Top Slide	3"	76mm
Travel of Cross Slide	5.125"	130mm
Leadscrew Thread Pitch	8 T.P.I.	
Longitudinal Feed Range	0.002" - 0.0548"/rev.	0.05 - 1.4mm/rev
Cross Feed Range	0.00055" - 0.0149"/rev	0.014 - 0.38mm/rev
Metric Thread Range	0.4 - 7mm	
Sleeve Diameter	1.250"	32mm
Sleeve Travel	4"	101mm
Sleeve Taper	Morse #3	
Power Requirements	240V / 1Ph	
Main Motor	1.5HP	1.1Kw
Shipping Dimensions (L x W x H)	64" x 28.75" x 45.75"	1600 x 730 x 1160mm
Shipping Weight	1,169lbs.	530kgs.

Specifications subject to change without notice.



## Lathes – PL-1340E

- 2-axis digital readout
- 6" three jaw chuck
- 8" four jaw chuck
- Face plate
- Steady rest
- Follow rest
- Quick change tool holder
- Foot brake
- Coolant system with splash guard
- Removable chip tray
- 240V / 1Ph



### Specifications - PL-1340E

Swing Over Bed	13"	330mm
Swing Over Cross Slide	7.750"	197mm
Swing in Gap	18.750"	477mm
Distance Between Centers	39.36"	1000mm
Width of Bed	7.325"	186mm
Spindle Nose		D1-4"
Spindle Bore	1.50"	38mm
Spindle Bore Taper		Morse #5
Spindle Speeds		8 (70 - 2000 rpm)
Travel of Top Slide	2.68"	68mm
Travel of Cross Slide	6.29"	160mm
Max. Tool Selection	.625" x .625"	16mm x 16mm
Longitudinal Feed Range	0.001" - 0.0137"/rev	0.026 - 0.348mm/rev
Cross Feed Range	0.0002" - 0.0037"/rev	0.007 - 0.094mm/rev
Metric Thread Range		0.45- 10mm
Sleeve Diameter	1.259"	32mm
Sleeve Taper		Morse #3
Power Requirements		240V / 1Ph
Main Motor	2Hp	1.5Kw
Shipping Dimensions (L x W x H)	79" x 33" x 59"	2007 x 838 x 1500mm
Shipping Weight	1,521lbs.	690kgs.

Specifications subject to change without notice.



## Lathes – PL-1440E



- 2-axis digital readout
- 6" three jaw chuck
- 8" four jaw chuck
- Face plate
- Steady rest
- Follow rest
- Micrometer saddle stop
- Quick change tool holder
- Foot brake
- Coolant system with splash guard
- Removable chip tray
- Fully assembled
- 240V / 1Ph



### Specifications - PL-1440E

Swing Over Bed	14"	360mm
Swing Over Cross Slide	9"	230mm
Swing in Gap	20"	508mm
Distance Between Centers	39.36"	1000mm
Width of Bed	7.325"	186mm
Spindle Nose	D1-4"	
Spindle Bore	1.50"	38mm
Spindle Bore Taper	Morse #5	
Spindle Speeds	8 (70 – 2000 rpm)	
Travel of Top Slide	2.68"	68mm
Travel of Cross Slide	6.29"	160mm
Max. Tool Selection	.625" x .625"	16mm x 16mm
Longitudinal Feed Range	0.001" – 0.0137"/rev	0.026 – 0.348mm/rev
Cross Feed Range	0.0002" – 0.0037"/rev	0.007 – 0.094mm/rev
Metric Thread Range	0.45– 10mm	
Sleeve Diameter	1.259"	32mm
Sleeve Taper	Morse #3	
Power Requirements	240V / 1Ph	
Main Motor	2Hp	1.5Kw
Shipping Dimensions (L x W x H)	79" x 33" x 59"	2007 x 838 x 1500mm
Shipping Weight	1,521lbs.	690kgs.

Specifications subject to change without notice.



## Lathes – PL-1860E

- 2-axis digital readout
- 3-1/8" spindle bore
- 8" three jaw chuck
- 13" four jaw chuck
- Face plate steady rest
- Follow rest
- Quick change tool holder
- Coolant system
- Coolant system with splash guard
- 5 longitudinal feed stops
- 400V / 3Ph

### Specifications - PL-1860E

Max Swing Over Bed	18"	460mm
Max Swing Over Cross Slide	10.75"	273mm
Max Swing Through Gap	27.5	700mm
Center Length	60"	1524mm
Spindle Nose		D1 - 8
Spindle Bore	3.125"	80mm
Spindle Taper (nose)		Morse #5
Spindle Taper (sleeve)		Morse #7
Speed Number		12
Speed Range		25 - 1800 rpm
Cross Slide Travel	10.50"	267mm
Compound Rest Travel	5.125"	130mm
Threads		
Imperial (qty / type)	61 / 1-5/8 - 72 T.P.I.	
Metric (qty / type)	24 / .5-20mm Pitch	
Longitudinal Feeds		
Imperial (qty / type)	122 / .0015" - .0913" rev.	
Cross Feed		
Imperial (qty / type)	122 / .006" - .0635" rev.	
Tailstock (quill) Travel	6.0"	153mm
Tailstock (quill) Taper		Morse #5
Motor Coolant	1/8 hp	.093 kw
Motor Main	7.5 hp	5.5 kw
Power Requirement		4000V / 3Ph
Shipping Dimensions (L x W x H)	116" x 45" x 66"	2950 x 1143 x 1677mm
Shipping Weight	5,650lbs.	2570kgs.

Specifications subject to change without notice.



## Specifications - PL-1340

Max Swing Over Bed	13"	330mm
Max Swing Over Cross Slide	7.79"	198mm
Max Swing in Gap		
Diameter	18.75"	477mm
Length	4.5"	115mm
Center		
Height	6.5"	165mm
Length	39"	990mm
Bed		
Width	7.375"	188mm
Length	5.125"	130mm
Height	11.41"	290mm
Spindle		
Bore	1.5"	38mm
Nose		D1 -4"
Taper (nose)		Morse #5
Taper (sleeve)		Morse #3
Speeds		
Number		8
Range		70 - 2000 rpm
Cross Slide		
Width	4.625"	118mm
Travel	6.29"	160mm
Compound Rest		
Width	3"	76mm
Travel	2.68"	68mm
Lead Screw		
Diameter	.875"	22mm
Thread		8 T.P.I.
Feed Rod	.75 dia.	19mm
Cutting Tool (max. section)	.625" x .625"	16mm x 16mm
Threads		
Imperial (qty./type)		31 / 4-56 T.P.I.
Metric (qty./type)		26 / .4-7mm pitch
Diametrical (qty./type)		32 / 8-120 D.P.
Module (qty./type)		21 / .2-3 M.P.
Longitudinal Feeds		
Imperial (qty./speed)		32 / .0020" - .5480" / rev.
Metric (qty./speed)		32 / .052 - 13.92mm / rev.
Cross Feeds		
Imperial (qty./speed)		32 / .0007" - .0187" / rev.
Metric (qty./speed)		32 / .018 - .475mm / rev.
Tailstock		
Diameter	1.65"	42mm
Travel	4.5"	114mm
Taper		Morse #3
Set Over	+/- .375"	+/- 10mm
Motor Coolant		1/8 hp
Motor Main		2 hp
Power Requirement		240V / 1Ph
Shipping Dimensions (L x W x H)	79" x 33" x 59"	2006 x 838 x 1500mm
Shipping Weight	1,628lbs.	740kgs.

Specifications subject to change without notice.



## Lathes - PL-1340

- Capacity—13" swing over bed, 40" between centers
- Mitutoyo 2-axis DRO—standard
- 8-step spindle speed
- 6" three-jaw chuck
- Integrated coolant system
- Headstock chuck guard with micro switch cutout
- 4-way quick change tool post with guard
- 240V / 1Ph



## Lathes – PL-1640

- Capacity—16" swing over bed, 40" between centers
- Mitutoyo 2-axis DRO—standard
- 12-step spindle speed
- 8" three-jaw chuck
- Integrated coolant system
- Headstock chuck guard with micro switch cutout
- 4-way quick change tool post with guard
- 4 longitudinal feed stops
- 400V / 3Ph



### Specifications - PL-1640

Max Swing Over Bed	16"	407mm
Max Swing Over Cross Slide	9.45"	240mm
Max Swing in Gap		
Diameter	23.42"	595mm
Length	6.125"	155mm
Center		
Height	7.086"	180mm
Length	40"	1016mm
Bed		
Width	11.81"	300mm
Length	74.75"	1900mm
Height	12.20"	310mm
Spindle		
Bore	2.0625"	52mm
Nose		D1 -6"
Taper (nose)		Morse #6
Taper (sleeve)		Morse #4
Speeds		
Number		12
Range		30 - 2000 rpm
Cross Slide		
Width	7.08"	180mm
Travel	9"	230mm
Compound Rest		
Width	4.33"	110mm
Travel	4.75"	120mm
Lead Screw		
Diameter	1.25"	32mm
Thread		4 T.P.I.
Feed Rod	.708 dia.	18mm
Cutting Tool (max. section)	.625" x .625"	16mm x 16mm
Threads		
Imperial (qty./type)		40 / 2-56 T.P.I.
Metric (qty./type)		53 / .4-14mm pitch
Diametrical (qty./type)		32 / 4-32 D.P.
Module (qty./type)		44 / .4-7 M.P.
Longitudinal Feeds		
Imperial (qty./speed)		40 / .0012" - .0252" / rev.
Metric (qty./speed)		40 / .032 - .640mm / rev.
Cross Feeds		
Imperial (qty./speed)		40 / .0006" - .0126" / rev.
Metric (qty./speed)		40 / .015 - .320mm / rev.
Tailstock		
Diameter	2.125"	54mm
Travel	4.75"	120mm
Taper		Morse #4
Motor Coolant		1/8 hp
Motor Main		7.5 hp
Power Requirement		400V / 3Ph
Shipping Dimensions (L x W x H)	91" x 65" x 44"	2311 x 1651 x 1118mm
Shipping Weight	4,400lbs.	2000kgs.

Specifications subject to change without notice



## Specifications - PL-1860

Max Swing Over Bed	18"	458mm
Max Swing Over Cross Slide	11.3125"	288mm
Max Swing in Gap		
Diameter	25.196"	640mm
Length	6.125"	155mm
Center		
Height	9"	230mm
Length	60"	1524mm
Bed		
Width	11.81"	300mm
Length	74.75"	1900mm
Height	12.20"	310mm
Spindle		
Bore	2.375"	60mm
Nose		D1 -6"
Taper (nose)		Morse #6
Taper (sleeve)		Morse #4
Speeds		
Number		12
Range		30 - 2000 rpm
Cross Slide		
Width	7.08"	180mm
Travel	9"	230mm
Compound Rest		
Width	4.92"	125mm
Travel	5.31"	135mm
Lead Screw		
Diameter	1.25"	32mm
Thread		4 T.P.I.
Feed Rod	.708 dia.	18mm
Cutting Tool (max. section)	.625" x .625"	16mm x 16mm
Threads		
Imperial (qty./type)		40 / 2-56 T.P.I.
Metric (qty./type)		53 / .4-14mm pitch
Diametrical (qty./type)		32 / 4-32 D.P.
Module (qty./type)		44 / .4-7 M.P.
Longitudinal Feeds		
Imperial (qty./speed)		40 / .0012" - .0252" / rev.
Metric (qty./speed)		40 / .032 - .640mm / rev.
Cross Feeds		
Imperial (qty./speed)		40 / .0006" - .0126" / rev.
Metric (qty./speed)		40 / .015 - .320mm / rev.
Tailstock		
Diameter	2.125"	54mm
Travel	4.75"	120mm
Taper		Morse #4
Motor Coolant		1/8 hp
Motor Main		7.5 hp
Power Requirement		400V / 3Ph
Shipping Dimensions (L x W x H)	112" x 65" x 44"	2845 x 1651 x 1118mm
Shipping Weight	5,060lbs.	2300kgs.

Specifications subject to change without notice.



## Lathes - PL-1860

- Capacity—18" swing over bed, 60" between centers
- Mitutoyo 2-axis DRO—standard
- 12—step spindle speed
- 8" three-jaw chuck
- Integrated coolant system
- Headstock chuck guard with micro switch cutout
- 4-way quick change tool post with guard
- Micrometer saddle stop
- 4 longitudinal feed stops
- 400V / 3Ph
- Also available in larger sizes



## Vises and Stands

Baileigh Industrial's line of work holding vises will give you years of worry free operation. Our vises are made to the highest tolerances which in turn eliminates jaw play and maintains smooth motion over its years of use.

Along with our vises, we also offer a heavy duty stand that allows you to either mount your vise and use it as a stand-alone or as a stand for another piece of Baileigh machinery, such as a grinder. For more information on the Baileigh Industrial line of vises or stands visit [www.baileigh.co.uk](http://www.baileigh.co.uk) or call 02476 619267 and speak to a representative today.



### BV-5P

- 5" multijaw bench vise
- Cast iron body
- Includes parallel, pipe, and V-jaws
- Vise swivels 360° on base
- Vise head rotates 360°
- 5-1/8" parallel jaw width
- 4" parallel jaw opening
- 3-1/2" pipe jaw opening
- 4-1/2" V-jaw opening
- 60 lbs

### BTS-33

- Universal tool stand
- Perfect for grinders or vises
- Multiple mounting holes for numerous tools
- 33" tall
- Heavy duty cast iron base
- Integrated tool pocket/water cup
- 62 lbs



## Vises



### BV-6Q

- 6-1/4" drill vise
- Sliding jaw with cam action locking handle for quick set ups.
- All steel and cast-iron construction
- 1-5/8" jaw height
- 6" maximum jaw opening
- 4 mounting slots in base
- 33 lbs



### BV-6M

- 5-3/4" milling vise
- Includes swiveling base
- Can be removed from swivel base for fixed mounting
- All steel and cast-iron body
- Reversible jaws for external work holding
- 5" maximum jaw opening
- 11-7/16" mount spacing (5/8" bolts)
- 77 lbs



### BV-8M

- 7-1/2" milling vise
- Includes swiveling base
- Can be removed from swivel base for fixed mounting
- All steel and cast-iron body
- Reversible jaws for external work holding
- 9" maximum jaw opening
- 12-9/16" mount spacing (3/4" bolts)
- 95 lbs

## Shop Carts – B-Cart / B-CartX2

### Specifications - B-CART

Capacity	660lbs.	300kgs.
Table Size	32" x 20"	820mm x 520mm
Minimum Height	10.2"	240mm
Maximum Height	30.7"	750mm
Shipping Weight	143lbs.	65kgs.

*Specifications subject to change without notice.*



**B-Cart**

### Specifications - B-CARTX2

Capacity	660lbs.	300kgs.
Table Size	32" x 20"	820mm x 520mm
Minimum Height	14.1"	360mm
Maximum Height	47.2"	1220mm
Shipping Weight	227lbs.	103kgs.

*Specifications subject to change without notice.*



**B-CartX2**

## Hydraulic Lift Tables – HLT-4400

- 4400lbs. capacity
- 63" x 39" table
- Safety interlocked
- 240V / 1Ph



### Specifications - HLT-4400

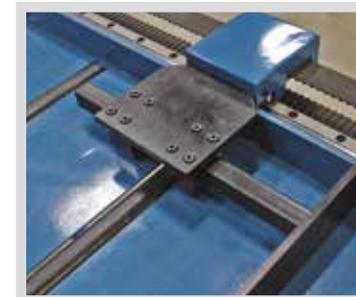
Table Size	63" x 39"	1600mm x 990mm
Base Size	48" x 31"	1220mm x 790mm
Max Table Height	39"	990mm
Min Table Height	9"	228mm
Travel Speed	25 sec. for Max. Height	
Capacity	4400lbs.	2000kgs.
Power	240V / 1Ph, 50 hz	
Shipping Dimension	60" x 44" x 48"	1525 x 1120 x 1220mm
Shipping Weight	600lbs.	275kgs.

Note: down pressure safety switch included.  
Specifications subject to change without notice.



## Automatic Positioning Tables – PRT-1878

- 78" working length
- Can be used as either a push table or backstop
- PLC touchscreen
- AC servo motor driven
- Extremely accurate
- Blade compensation
- Includes additional roller table
- Adjustable height
- 240V / 1Ph



REVERSIBLE CARRIAGE



# Automatic Positioning Tables - PRT-1878



IRONWORKER SET UP



COLDSAW SET UP



BANDSAW SET UP

### Specifications - PRT-1878

#### Programmable Table

Working Length	78"	2000mm
Working Width	18"	460mm
Min. Table Height	31.4"	800mm
Max. Table Height	39.3"	1000mm
Number of Rollers	7	
Drive Speed	0 - 140 fmp	
Accuracy	.001"	.02mm
Drive Type	Gearbox with Reinforced Belt	
Motor Type	AC Servo	
Display Type	Touch Screen	
Controller Type	PLC	
Power	240V / 1Ph	

#### Outfeed Table

Working Length	43.3"	1100mm
Working Width	18"	460mm
Min. Table Height	31.4"	800mm
Max. Table Height	39.3"	1000mm
Number of Rollers	4	

Shipping Dimension	109" x 37" x 46"	2750 x 940 x 1160mm
Shipping Weight	712lbs.	324kgs.

Specifications subject to change without notice.



INCLUDED ROLLER TABLE





## Baileigh Welding Range Introduction

The Baileigh welding range is a new range of equipment offering the very latest in welding technology across MMA (Arc) welding, MIG/MAG welding, TIG welding, and plasma cutting.

The latest welding equipment employs advanced electronic technology offering the user more features which means more control during the weld and ultimately a superior result.

### Manual Metal Arc (MMA) popularly known as Arc or Stick welding

Gone are the heavy transformer 'buzz boxes' now replaced by highly efficient inverter power supplies. Take the BW-160S-160A MMA 160P, capable of welding up to 4mm electrodes but weighing just 3.7kg and 27x17x11cm in size. Combined with the inverter technology are advanced features such as Hot Start which automatically adjusts the welding output to make the arc initiation easier, Arc Force which compensates a variable distance from the object metal and Anti Sticking which makes it much more difficult to accidentally stick the electrode to the object metal.



### TIG welding

Each of the Baileigh TIG welders is similarly well equipped with precise control offered throughout the welding curve. Simple and intuitive adjustment is provided for the following :-

- **Pregas** - to ensure the start of the weld remains clean
- **Upslope** - to gradually increase the current at the start of the weld to avoid making holes
- **Pulse** - to reduce the heat created without compromising weld penetration - important when working with thinner metals
- **Downslope** - to gradually reduce the current to ensure a neat termination to the weld
- **Post Gas** - enabling control over the gas supplied to keep the weld termination clean

The Baileigh range covers both DC and AC/DC machines, AC/DC being required for Aluminium and other alloys.



### MIG/MAG welding

Baileigh offer 2 MIG/MAG machines also packing the latest technology

Firstly the BW-160MT-160A which is actually a multi-process machine also capable of MMA(Arc) welding utilises Inverter technology making it light and portable. The BW-200MP-200A UNIMIG 200-2 is a powerful 200A machine equipped with Synergic control. This technology automatically controls the wire speed, all the user need to set is the voltage giving faster set up and a smoother weld.

### Plasma Cutting

Also in the Baileigh range is a Plasma cutter, the Baileigh PT-Cutmaster 40M which is capable of a severance cut of up to 20mm of steel.



## BW-160S-160A MMA 160P STICK WELDER



- Hot Start - Increases the current to aid arc ignition
- Anti-Sticking - Automatically adjusts the welding output to prevent sticking
- Arc Force - Instant current increase
- Earth Cable - 1.6m
- Electrode Holder
- Plastic carry case

### Specifications - BW-160S-160A MMA 160P STICK WELDER

Supply Voltage	240V	
Fuse Protection	16A	
Electrode Capacity	1.6 - 4.0mm	
OCV Operating Circuit Voltage	72	
Amperage	10 - 160 A	
Dimensions	11" x 7" x 4"	270 x 170 x 110mm
Weight	8lbs.	3.7kgs.
Generator Compatible	7.5KVA	

*Specifications subject to change without notice.*



## BW-200S-200A MMA 200E FV STICK WELDER

- Hot Start - Increases the current to aid arc ignition
- Anti-Sticking - Automatically adjusts the welding output to prevent sticking
- Arc Force - Instant current increase during welding
- Tig Lift - Tig welding via touching down of the Tungsten electrode
- ADS - Auto down Slope in Tig mode
- Earth Cable - 1.6 metre
- Electrode Holder - 1.6 metre
- Plastic carry case



### Specifications - BW-200S-200A MMA 200E FV STICK WELDER

Supply Voltage	240V	
Fuse Protection	16A	
Electrode Capacity	1.6 - 4.0mm	
OCV Operating Circuit Voltage	72	
Amperage	10 - 200 A	
Dimensions	11" x 8" x 5.5"	270 x 210 x 140mm
Weight	12lbs.	5.5kgs.
Generator Compatible	10KVA	

Specifications subject to change without notice.



## BW-168T-160A TIG 160 DC HF WELDER



- Standard Tig Mode – Constant DC current
- Easy Pulse – preset pulse frequency dependent on the current
- Pulsed Tig Mode:- Ideal for thin gauge materials
- Trigger modes - 2T and 4T (hold or latched trigger )
- Pre Gas – gas flow before you begin to weld (in seconds)
- Up slope – control the increasing current from the start of the weld
- Pulse Frequency – set the frequency of the pulses per second
- Down Slope – control of the reducing current at the end of the weld
- Post gas – flow of gas at the end of the weld to reduce cracking
- Memory function – Store 5 preset jobs within the machine
- MMA mode – stick electrode welding
- SR17 4 metre Tig torch
- 2 metre Electrode holder
- 2 metre earth clamp
- Consumables starter kit

### Specifications - BW-168T-160A TIG 160 DC HF WELDER

Supply Voltage	240V	
Fuse Protection	16A	
Electrode Capacity	1.6 -5.0mm	
OCV Operating Circuit Voltage	82	
Amperage	10 - 160 A	
Dimensions	20" x 14.5" x 12"	520 x 370 x 300mm
Weight	20lbs.	9kgs.
Generator Compatible	7.5KVA	

*Specifications subject to change without notice.*

## BW-220T-220A TIG 220 DC HF WELDER

- Standard Tig Mode – Constant DC current
- Easy Pulse – preset pulse frequency dependent on the current
- Pulsed Tig Mode :- Ideal for thin gauge materials
- Trigger modes - 2T and 4T ( hold or latched trigger )
- Pre Gas – gas flow before you begin to weld (in seconds)
- Up slope – control the increasing current from the start of the weld
- Pulse Frequency – set the frequency of the pulses per second
- Down Slope – control of the reducing current at the end of the weld
- Post gas – flow of gas at the end of the weld to reduce cracking
- Memory function – Store 5 preset jobs within the machine
- MMA mode – stick electrode welding
- SR26 4mtr Tig torch
- 2 metre Electrode holder
- 2 metre Earth cable
- Consumables Starter Kit



### Specifications - BW-220T-220A TIG 220 DC HF WELDER

Supply Voltage	240V	
Fuse Protection	16A	
Electrode Capacity	1.6 - 5.0mm	
OCV Operating Circuit Voltage	76	
Amperage	5 - 220 A	
Dimensions	20" x 18" x 12.5"	520 x 450 x 320mm
Weight	31lbs.	14kgs.
Generator Compatible	7.5KVA	

Specifications subject to change without notice.



## BW-200T-200A TIG 200 AC/DC HF WELDER



- Standard Tig Mode – Constant DC current
- AC mode – specific for welding Aluminium
- Balance - setting of the cleaning and penetration based on tungsten size
- Easy Pulse – preset pulse frequency dependent on the current
- Pulsed Tig Mode :- Ideal for thin gauge materials
- Trigger modes - 2T and 4T ( hold or latched trigger )
- Pre Gas – gas flow before you begin to weld ( in seconds)
- Up slope – control the increasing current from the start of the weld
- Pulse Frequency – set the frequency of the pulses per second
- Down Slope – control of the reducing current at the end of the weld
- Post gas – flow of gas at the end of the weld to reduce cracking
- Memory function – Store 5 preset jobs within the machine
- MMA mode – stick electrode welding
- SR26 4mtr Tig torch
- 2 metre Electrode holder
- 2 metre Earth cable
- Consumables starter kit

### Specifications - BW-200T-200A TIG 200 AC/DC HF WELDER

Supply Voltage	240V
Fuse Protection	16A
Electrode Capacity	1.6 - 5.0mm
OCV Operating Circuit Voltage	70
Amperage	10 - 200 A
Dimensions	20" x 18.5" x 12.5" 520 x 470 x 320mm
Weight	41lbs. 18.5kgs.
Generator Compatible	7.5KVA

Specifications subject to change without notice.



## BW-160MT-160A DUEL PROCESS MIG/TIG WELDER

- Euro Connector - Fits all euro type torches
- Digital display - displays Amps & Volts
- Electronic inductance - control of the arc for thicker or thinner materials
- 1KG & 5KG capacity - holds welding reels of 1KG and 5KG
- Portable - lightweight and Compact design
- Polarity Reversal - for use of Flux cored wires
- MMA - stick electrode welding
- MB15 mig torch 2 metre
- Earth cable 1.6 metre
- Electrode holder 1.6 metre



### Specifications - BW-160MT-160A DUEL PROCESS MIG/TIG WELDER

Supply Voltage	240V	
Fuse Protection	16A	
Electrode Capacity	1.6 - 4.0mm	
OCV Operating Circuit Voltage	59	
Amperage	20 - 160 A	
Dimensions	19.5" x 14" x 9.5"	500 x 360 x 245mm
Weight	31.5lbs.	14.3kgs.

Specifications subject to change without notice.



## BW-200MP-200A UNIMIG 200-2 MULTI PROCESS WELDER



- Euro connector - fits all euro type torches
- Traditional Step Voltage - Heavy duty operating Transformer
- Manual Mode - Transformer and wire speed setting manually selected
- Synergic Mode - Automatically sets wire speed
- Capacitors Inside - Reduces welding spatter and increases penetration
- Spot/Delay timer - welding time is selectable
- 5kg & 15Kg capacity - hold 5kg or 15kg welding reels
- MB15 welding torch 3mtr
- Earth Cable 2mtr

### Specifications - BW-200MP-200A UNIMIG 200-2 MULTI PROCESS WELDER

Supply Voltage	240V	
Fuse Protection	16A	
OCV Operating Circuit Voltage	7-38	
Amperage	30 - 200 A	
Dimensions	15" x 26" x 31"	380 x 670 x 790mm
Weight	154lbs.	70kgs.

*Specifications subject to change without notice.*



## PT-CUTMASTER 40M

- Ultra compact - lightweight design ( 8KG )
- Inverter technology – Guarantees high quality cutting & stability
- Robust casing – impact resistant
- Intuitive Controls - simple-to-use control panel
- Adjustable Air Pressure – pressure can be adjusted manually
- HF Free ignition – to prevent disturbances to nearby electronic equipment
- Ergonomic Torch – handle designed for comfort and ease
- 4 metre Plasma cutting Torch
- 2 metre Earth cable



### Specifications - PT-CUTMASTER 40M

Supply Voltage	240V	
Fuse Protection	32A	
Amperage	10 - 40 A	
Dimensions	6" x 16.5" x 12"	150 x 420 x 300mm
Weight	17.5lbs.	8kgs.

*Specifications subject to change without notice.*





## PRECISION. PERFORMANCE. PERFECTION.

### Company Profile

Baileigh Industry has consistently proven to be the leader in providing quality metalworking equipment to industries in the United States, Canada, Mexico, Europe and now the Pacific Rim. Our product line has expanded to include tube benders, pipe benders, mandrel benders, pipe notchers, hydraulic corner notchers, coldsaws, bandsaws, sheet metal shears, sheet metal brakes, ironworkers and much more. We have grown into one of the most well respected sources of metal fabricating and metal cutting machines in the Americas, Europe, and the rest of the World.

Our goal is to provide profitable solutions for your next project and all your fabricating needs.

### Mission Statement

To be the preferred supplier of quality metalworking equipment, systems and services by profitably, responding to our customers needs with dependable deliveries, services and products that offer innovative technology and unsurpassed value.

### UK Headquarters

#### **Baileigh Industrial Ltd.**

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United Kingdom



Baileigh Industrial Ltd. terms and conditions of sale can be viewed in its entirety at:  
<http://www.baileigh.co.uk/terms-of-sale/>

Specifications subject to change without notification.





**PRECISION. PERFORMANCE. PERFECTION.**

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