

Ironworker Capacities

	SW-50 50 Ton Ironworker		SW-62 62 Ton Ironworker		SW-84 84 Ton Ironworker	
	Imperial	Metric	Imperial	Metric	Imperial	Metric
Punching						
Punching Pressure	50 Tons	44 Tons	62 Tons	55 Tons	84 Tons	75 Tons
Punch Capacity	.875" x .625"	22mm x 15mm	1.125" x .625"	28mm x 15mm	1.125" x .875"	28mm x 22mm
(Diameter x Thickness)	1.625" x .375"	40mm x 8mm	1.625" x .437"	40mm x 11mm	2" x .5"	50mm x 12mm
Throat Depth	6"	150mm	8"	200mm	12.25"	310mm
Max. Stroke Length	1.125"	30mm	2"	50mm	3"	75mm
Cycles / Min. (1/2" / 15mm stroke)		19		28		38
Working Height Up to Die	39.5"	1000mm	39.5"	1000mm	43.5"	1100mm
Flat Shearing						
Flat Bar Shearing	10" x .375"	255mm x 10mm	13.25" x .625"	350mm x 15mm	15.75" x .625"	400mm x 16mm
Blade Length	10.25"	260mm	14.125"	360mm	16.125"	410mm
Angle Flange Trim	3"	75mm	4"	100mm	4"	100mm
Working Height	32.5"	826mm	31.5"	799mm	33.5"	850mm
Angle Shearing						
At 90° Shearing	3" x 3" x .25"	75mm x 75mm x 6mm	4" x 4" x .375"	100mm x 100mm x 8mm	5.125" x 5.125" x .5"	130mm x 130mm x 12mm
Working Height	40"	1026mm	40"	1012mm	44"	1106mm
Bar Shearing						
Round Bar Shear	1.125"	30mm	1.5"	40mm	1.75"	45mm
Square Bar Shear	1" x 1"	25mm x 25mm	1.5" x 1.5"	38mm x 38mm	1.75" x 1.75"	45mm x 45mm
Working Height	43"	1094mm	44"	1113mm	48"	1225mm
Notching						
Rectangular Notcher (W x D x T)	2" x 3.5" x .281"	50.8mm x 90mm x 7mm	2" x 3.5" x .312"	50.8mm x 90mm x 8mm	2" x 3.5" x .5"	50.8mm x 90mm x 12mm
Working Height	40"	1000mm	40"	1000mm	44"	1100mm
Special Tooling						
Single Vee Press Brake (L x T)*	6.312" x .312**	160mm x 8mm*	6.312" x .312**	160mm x 8mm*	9.875" x .625**	250mm x 15mm*
Multi-Vee Press Brake (L x T)*	9.875" x .156**	250mm x 4mm*	9.875" x .156**	250mm x 4mm*	19.625" x .187**	500mm x 5mm*
Angle Bending*	2.5" x .312**	65mm x 8mm*	2.5" x .312**	65mm x 8mm*	4" x .312**	102mm x 8mm*
Pipe Notching*	2.5**	63mm*	2.5**	63mm*	2.5**	63.5mm*
Large V-Notcher (Side x Side x T)*	—	—	—	—	5.75" x 5.75" x .375**	145mm x 145mm x 10mm*
Vee-Notcher (Side x Side x T)*	3.5" x 3.5" x .312**	90mm x 90mm x 8mm*	3.5" x 3.5" x .312**	90mm x 90mm x 8mm*	3.5" x 3.5" x .5**	90mm x 90mm x 12mm*
Channel Shear	—	—	4**	102mm*	—	—
I-Beams Shear	—	—	4**	102mm*	—	—
Other						
Electric Power (HP)		3 HP		5 HP		7.5 HP
Net Weight (Apr.)	1,650 lbs*	750 kg	2,310 lbs*	1050 kg	5,060 lbs	2300 kg
Dimensions (L x W x H)	38" x 27" x 62"	965mm x 686mm x 1575mm	45" x 30" x 68"	1143mm x 762mm x 1727mm	—	—

* CLR capacity is variable depending on diameter

** Return / Bend

*** Other Voltages available by special order

**** High-Speed Model / Standard Model

Rotary Draw Bender Capacities

	RDB-100	RDB-150-AS	RDB-175	RDB-250	RDB-300	RDB-350	RDB-350-TS	RDB-500
Mild Steel Pipe (Schedule 40)	1"	2"	2"	2"	2"	2½"	2½"	3"
Aluminum Pipe (Schedule 40)	1"	2"	2"	2"	2½"	3"	3"	3½"
Stainless Steel Pipe (Schedule 40)	¾"	1½"	1½"	1½"	1½"	2"	2"	2½"
Mild Steel Round Tube (Wall)	1¾" (.083)	2½" (.125)	2½" (.125)	2½" (.125)	3" (.095)	3" (.187)	3" (.187)	3" (.250)
Aluminum Round Tube (Wall)	2" (.125)	2½" (.156)	2½" (.156)	2½" (.156)	2½" (.156)	3½" (.250)	3½" (.250)	4" (.250)
Stainless Steel Round Tube (Wall)	1½" (.083)	2¾" (.125)	2¾" (.125)	2¾" (.125)	2¾" (.164)	3" (.125)	3" (.125)	3½" (.187)
Chromolly Round Tube (Wall)	1½" (.083)	2" (.125)	2" (.125)	2" (.125)	2" (.125)	2½" (.125)	2½" (.125)	3½" (.187)
Mild Steel Solid Rod	1"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"
Mild Steel Square (Wall)	1" (.125)	2" (.125)	2" (.125)	2" (.125)	2" (.125)	3" (.125)	3" (.125)	3" (.250)
Minimum OD	¼"	¼"	¼"	¼"	¼"	¼"	¼"	¼"
Maximum Speed to 180 Degrees	N/A	30 Seconds	**12/30 Seconds	9 Seconds	****8/16 Seconds	16 Seconds	16 Seconds	36 Seconds
Maximum Center Line Radius (CLR)	7"	*8"	9"	9"	15"	24"	24"	*12-15"
Minimum CLR	½"	½"	½"	½"	½"	½"	½"	½"
Power Requirements	N/A	110V	110V	220V (1-Phase)	***220V (1- or 3-Phase)	***220V (3-Phase)	***220V (3-Phase)	220V (1-Phase)
Weight (Lbs.)	290	600	630	610	710	1500	1500	1800
Length	42"	44"	44"	40"	50"	69"	69"	70"
Width	22"	28"	28"	32"	32"	32"	32"	56"
Height	42"	42"	42"	43"	43"	46"	46"	41"

* CLR capacity is variable depending on diameter

** Return / Bend

*** Other Voltages available by special order

**** High-Speed Model / Standard Model

Tube & Pipe Notcher Capacities

	TN-800	TN-900
Mild Steel Pipe (Schedule 40)	2½"	2½"
Aluminum Pipe (Schedule 40)	2½"	2½"
Stainless Steel Pipe (Schedule 40)	2½"	2½"
Mild Steel Round Tube	3"	3"
Aluminum Round Tube	3"	3"
Stainless Steel Round Tube	3"	3"
Chromolly Round Tube	3"	3"
Mild Steel Solid Rod	3"	3"
Mild Steel Square Rod	3"	3"
Minimum OD	½"	¾"
Power Requirements	110V	220V (1-Phase)
Weight (Lbs.)	480	425
Length	44"	68"
Width	28"	40"
Height	42"	43"

Specifications subject to change without notice.

Welding Positioner Capacity

WP-1800	
Mild Steel Pipe (Schedule 40)	8" Chuck (3 Jaw)
Aluminum Pipe (Schedule 40)	Up to 10¼" ID
Stainless Steel Pipe (Schedule 40)	Min ¼" OD
Mild Steel Round Tube	2½" Thru-hole
Aluminum Round Tube	300 Amp Weld Current Capacity
Stainless Steel Round Tube	Isolated Motor Prevents Accidental Shorts
Chromolly Round Tube	Variable Speed 0 - 6 RPM
Mild Steel Solid Rod	Weight Capacity is 250 Lbs. Vertical, 200 Lbs.
Mild Steel Square Rod	Horizontal at the Chuck
Minimum OD	Hand Wheel Infinitely Positions From Vertical to Horizontal
Power Requirements	110V
Weight (Lbs.)	310
Length	44"
Width	28"
Height	42"

Specifications subject to change without notice.

Roll Bender Capacities

Mild Steel	R-M10		R-M40		R-M55		R-H45		R-H55		R-H80	
	Max. Size OD / Wall	Min. Dia.	Max. Size OD / Wall	Min. Dia.	Max. Size OD / Wall	Min. Dia.	Max. Size OD / Wall	Min. Dia.	Max. Size OD / Wall	Min. Dia.	Max. Size OD / Wall	Min. Dia.
Flat Bar (Hard Way)	1.2" (.375)	20"	2" (.375)	19.7"	2¼" (.375)	19.68"	¾" (.393)	27.55"	4" (.472)	31.5"	3" (.50)	27.55"
Flat Bar (Easy Way)	2" (.375)	15.75"	2¼" (.375)	19.7"	3" (.60)	23.62"	¾" (.75)	27.55"	4¾" (.78)	31.5"	5" x 1"	23.62"
Solid Square Rod	.75"	20"	1¼"	19.7"	1½"	23.62"	1½"	27.55"	1¾"	31.5"	1¾"	19.68"
Solid Round Rod	.875"	20"	1¼"	19.70"	1½"	23.62"	1½"	27.55"	1¾"	31.5"	2"	19.68"
Round Tube	1.2" (.078)	31.5"	2" (.078)	27.55"	2¼" (.078)	47.24"	2¼" (.078)	59.05"	1½" (.078)	59.05"	4" (.09)	47.24"
Pipe	1" Sched 40	28"	1" Sched 10	27.5"	1½" Sched 10	39"	2" Sched 10	47.2"	2½" Sched 10	58"	3" Sched 10	27.55"
Rectangular Tube	1.5" x .75" (.078)	39.5"	2" x 1¼" (.078)	39.37"	2¼" x 1½" (.078)	51.18"	2½" x 1½" (.078)	59.05"	3½" x 1½" (.125)	98.42"	3 x 1" (.11)	31.49"
Square Tube	1.2" (.078)	35.5"	1½" (.078)	39.37"	1¾" (.078)	47.24"	2" (.098)	51.18"	2¾" (.125)	102.36"	2¾" (.11)	51.18"
Angle Iron (Leg Out)	1.3" x 1.3" (.157)	31.5"	¾" x ¾" (.196)	19.68"	1½" x 1½" (.187)	23.62"	1¾" x 1¾" (.196)	27.55"	3" x 3" (.169)	31.5"	3 x 3" (.31)	31.49"
Angle Iron (Leg In)	—	—	1½" x 1½" (.196)	19.68"	1½" x 1½" (.187)	23.62"	1¾" x 1¾" (.196)	27.55"	3" x 3" (.169)	31.5"	2¾" x 2¾" (.11)	27.55"
T-Bar (Leg Out)	1.3" x 1.3" (.177)	24"	1½" x 1½" (.196)	19.68"	2" x 2" (.250)	23.62"	2¼" x 2¼" (.275)	23.62"	2¾" x 2¾" (.312)	31.5"	2¾" (.31)	31.9"
T-Bar (Leg In)	1.3" x 1.3" (.177)	24"	1½" x 1½" (.196)	19.68"	2" x 2" (.250)	23.62"	2¼" x 2¼" (.275)	31.5"	2¾" x 2¾" (.312)	31.5"	3" (.35)	31.49"
Channel (Legs Out)	1.5" x .75" (.177)	27.75"	2"	19.68"	¾"	27.55"	4"	31.49"	4¾"	33.64"	4¾" x 2"	23.62"
Channel (Legs In)	1.5" x .75" (.177)	27.75"	2"	32.62"	¾"	27.55"	4"	31.49"	4¾"	33.64"	4" x 2"	19.68"
I Beam (Hard Way)	—	—	—	—	—	—	—	—	—	—	4¾" x 2¼"	23.62"

Specifications subject to change without notice.



Cold Saw Capacities

	CS-275M	CS-275SA	CS-315M	CS-350M	CS-350SA
Max. Blade Size	11"	11"	12.5"	14"	14"
Blade RPM (Non-Ferrous)	120	120	52	52	52
Blade RPM (Ferrous)	60	60		26	26
Head Swivel (Degrees)	90 / 0 / 45	90 / 0 / 45	90 / 0 / 45	60 / 0 / 90	45 / 0 / 90
Electrical Requirements	220V, 3-Phase	220V, 3-Phase	220V, 1-Phase	220V, 3-Phase	220V, 3-Phase
HP	3	3	2.5	4	4
Clamping	Manual	Pneumatic	Manual	Manual	Pneumatic
Cold Saw Type	Manual	Semi-Automatic	Manual	Manual	Semi-Automatic
Length	36	36	40.16"	30	30
Width	30	30	38.98"	42	42
Height	59	59	72.05"	60	60
Weight	528	600	386	792	880

Profiles

Degrees	90	45	90	45	90	45	90	45	90	45
●	—	—	—	—	1.97"	1.97"	2.362"	1.575"	2.362"	1.575"
○	2.953"	2.362"	2.953"	2.362"	3.5"	3.5"	4.331"	2.953"	4.331"	2.953"
L	2.953" x 2.953"	2.165" x 2.165"	2.953" x 2.953"	2.165" x 2.165"	—	—	4.331" x 4.331"	3.346" x 3.346"	4.331" x 4.331"	3.346" x 3.346"
□	2.953" x 2.953"	2.165" x 2.165"	2.953" x 2.953"	2.165" x 2.165"	3.23" x 3.23"	3.23" x 3.23"	4.331" x 4.331"	2.953" x 2.953"	4.331" x 4.331"	2.953" x 2.953"
▭	2.953" x 2.953"	2.165" x 2.165"	2.953" x 2.953"	2.165" x 2.165"	—	—	4.331" x 4.331"	2.953" x 2.953"	4.331" x 4.331"	2.953" x 2.953"
◻	2.756" x 2.953"	2.362" x 2.165"	2.756" x 2.953"	2.362" x 2.165"	4.33" x 2.76"	3.35" x 2.76"	4.331" x 3.543"	2.953" x 2.362"	4.331" x 3.543"	2.953" x 2.362"

	CS-355M	CS-355SA	CS-475AV	CS-400AV
Max. Blade Size	14"	14"	16"	16"
Blade RPM (Non-Ferrous)	3200	3200	70 / 120	3200
Blade RPM (Ferrous)			35 / 60	
Head Swivel (Degrees)	60 / 0 / 90	60 / 0 / 90	Fixed	Fixed
Electrical Requirements	220V, 3-Phase	220V, 3-Phase	220V, 3-Phase	220V, 3-Phase
HP	4	4	5	5
Clamping	Manual	Manual	Hydraulic	Hydraulic
Cold Saw Type	Manual	Manual	Automatic	Automatic
Length	30	30	77	76
Width	42	42	51	51
Height	60	60	79	78
Weight	792	880	2970	2860

Profiles

Degrees	90	45	90	45	90	90
●	2.362"	1.575"	2.362"	1.575"	3"	6"
■	—	—	—	—	2.625" x 2.625"	4.75"
○	4.331"	2.953"	4.331"	2.953"	5"	6"
L	4.331" x 4.331"	3.346" x 3.346"	4.331" x 4.331"	3.346" x 3.346"	5" x 5"	4.75" x 4.75"
□	4.331" x 4.331"	2.953" x 2.953"	4.331" x 4.331"	2.953" x 2.953"	5" x 5"	4.75" x 4.75"
▭	4.331" x 4.331"	2.953" x 2.953"	4.331" x 4.331"	2.953" x 2.953"	5" x 5"	6" x 4.75"
◻	4.331" x 3.543"	2.953" x 2.362"	4.331" x 3.543"	2.953" x 2.362"	5.25" x 3.25"	6" x 2.375"

Specifications subject to change without notice.

Band Saw Capacities

	BS-712M	BS-712MS	BS-210M	BS-250M	BS-260M	BS-260SA
Blade Size	¾"	¾"	¾"	1"	1"	1"
Variable Blade Speed	125' - 270' /min.	125' - 270' /min.	142' - 262' /min.	114' - 262' /min.	114' - 262' /min.	114' - 262' /min.
Blade Tension Device	Yes	Yes	Yes	Yes	Yes	Yes
HP	1	1	1.5	2	2	2
Manual / Controlled Descent	Controlled	Controlled	Both	Both	Both	Hydraulic
Power Requirements	110V	110V	110V, Single-Phase	110V, Single-Phase	220V, 1-Phase	220V, 1-Phase
Mitering Feature	Single	Single (Swivel)	Single (Swivel)	Single (Swivel)	Dual (Swivel)	Dual (Swivel)
Length	51"	50"	45½"	61"	61"	61"
Width	18"	23"	22½"	29"	29"	29"
Height	42"	43"	32½"	36"	42"	42"
Weight (Lbs.)	286	396	344	475	620	863
Cutting Profiles						
Degrees	90 / 45	90 / 45	90 / 45 / 60	90 / 45 / 60	90 / 45 / 60 / 45L	90 / 45 / 60 / 45L
Round	7" / 4.33"	7" / 4.13"	6.69" / 4.72" / 2.75"	8.93" / 5.90" / 3.54"	8.93" / 5.90" 3.54" / 4.33"	8.93" / 5.90" 3.54" / 4.33"
Square	7" / 4.33"	7" / 4.13"	6.69" / 4.33" / 2.36"	8.66" / 5.70" / 3.34"	8.66" / 5.70" 3.34" / 4.33"	8.66" / 5.70" 3.34" / 4.33"
Rectangle	7" / 11"	7" x 10.23" / 4.72" x 4.13"	8.26" x 6.69"	10.23" x 4.33"	10.59" x 4.33" / 7.87" x 4.92" 0" x 0" / 6.30" x 4.33"	10.59" x 4.33" / 7.87" x 4.92" 0" x 0" / 6.30" x 4.33"
	BS-916M	BS-918SA	BS-350M	BS-350SA	BS-300M	BS-300SA
Blade Size	1"	1"	1"	1"	1"	1"
Variable Blade Speed	82' - 235' /min.	82' - 259' /min.	114' - 262' /min.	114' - 262' /min.	82' - 233' /min.	82' - 233' /min.
Blade Tension Device	Yes	Yes	Yes	Yes	Yes	Yes
HP	1.5	2	2	2	2	2
Manual / Controlled Descent	Controlled	Hydraulic	Both	Hydraulic	Controlled	Hydraulic
Power Requirements	220V, Single-Phase	220V, Single-Phase	220V, Single-Phase	220V, Single-Phase	220V, Single-Phase	220V, Single-Phase
Mitering Feature	Single	Single	Dual (Swivel)	Dual (Swivel)	Single	Single
Length	67"	74"	74"	74"	69"	79"
Width	29"	30"	30"	30"	23"	30"
Height	43"	46"	44"	44"	45"	45"
Weight (Lbs.)	660	1056	800	1012	704	1056
Cutting Profiles						
Degrees	90 / 45	90 / 45	90 / 45 / 60 / 45L	90 / 45 / 60 / 45L	90 / 45	90 / 45
Round	8.85" / 6.5"	8.85" / 8.46"	10.63" / 9.45" / 6.30" / 8.28"	10.63" / 9.45" / 6.30" / 8.28"	9.84" / 7.5"	9.84" / 7.5"
Square	8.85" / 6.5"	8.85" / 8.46"	10.24" / 8.66" / 5.90" / 7.09"	10.24" / 8.66" / 5.90" / 7.09"	9.84" / 7.5"	9.84" / 7.5"
Rectangle	8.86" x 13.5" / 8.86" x 6.5"	8.85" x 16.93" / 9.84" x 11.61"	13.77" x 8.66" / 9.45" x 6.30"	13.77" x 8.66" / 9.45" x 6.30"	9.84" x 16.33"	9.84" x 16.33"
	BS-330M	BS-330SA	BS-20M	BS-20SA	BS-24SA	BS-360SA
Blade Size	1½"	1½"	1"	1"	1½"	1½"
Variable Blade Speed	65' - 262' /min.	65' - 262' /min.	90', 140', 220', 330' /min.	90', 140', 220', 330' /min.	105' - 246' /min.	82' - 289' /min.
Blade Tension Device	Yes	Yes	Yes	Yes	Yes	Yes
HP	3	3	3	3	5	7.5
Manual / Controlled Descent	Controlled	Hydraulic	Controlled	Hydraulic	Hydraulic	Hydraulic
Power Requirements	220V, 3-Phase	220V, 3-Phase	220V, 3-Phase	220V, 3-Phase	220V, Three-Phase	220V, Three-Phase
Mitering Feature	Single	Single	Single	Single	Single (Swivel)	Column (No Miter)
Length	90"	90"	81"	81"	91"	104"
Width	38"	38"	70"	70"	92"	44"
Height	58"	58"	57"	57"	70"	74"
Weight (Lbs.)	1650	1850	1800	1800	3080	2970
Cutting Profiles						
Degrees	90 / 45	90 / 45	90 / 45 / 60	90 / 45 / 60	90 / 45 / 60	90
Round	13" / 8.86"	13" / 8.86"	13" / 11" / 6.3"	13" / 11" / 6.3"	18" / 15.7" / 11"	14.17"
Square	13" / 8.86"	13" / 8.86"	13" / 11" / 6.3"	13" / 11" / 6.3"	18" / 15.7" / 11"	14.17"
Rectangle	13" x 18.9" / 11.02" x 10.04"	13" x 18.9" / 11.02" x 10.04"	13" x 18" / 13" x 11" 10" x 6.3"	13" x 18" / 13" x 11" 10" x 6.3"	15" x 21"	14.17" x 25.60"

Specifications subject to change without notice.



Company Profile

Baileigh Industrial, Inc. has consistently proven to be the leader in providing quality metal fabricating equipment to industries in Canada, Mexico, the United States, and now Europe! Our product line has expanded to include tube benders, pipe benders, mandrel benders, pipe notchers, hydraulic corner notchers, cold saws, band saws, 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 world.

As an organization, Baileigh Industrial, Inc. prides itself with having friendly, knowledgeable sales engineers ready to assist with your project needs. Our network of experienced dealers in the metal fabricating industry offers local sales and support. Our goal is to provide profitable solutions for your fabricating needs.

Mission Statement

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

Testimonials

A.W. Stiles Contractors

"I purchased the 150-AS pipe bender, roll bender, and BS-260M band saw. They sure have made our job easier, quicker and more profitable. I definitely would recommend their products."



Lew's Welding Service

"Excellent machine, easy and quick setup. It makes nice smooth bends with no kinks on the inside, as compared to muffler type benders. Great technical staff able to answer all of our questions."



Airfox Inc.

"I have purchased four machines from Baileigh and found their machines to be of top quality, made with pride and designed to last."

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1625 Dufek Drive
Manitowoc, WI 54220