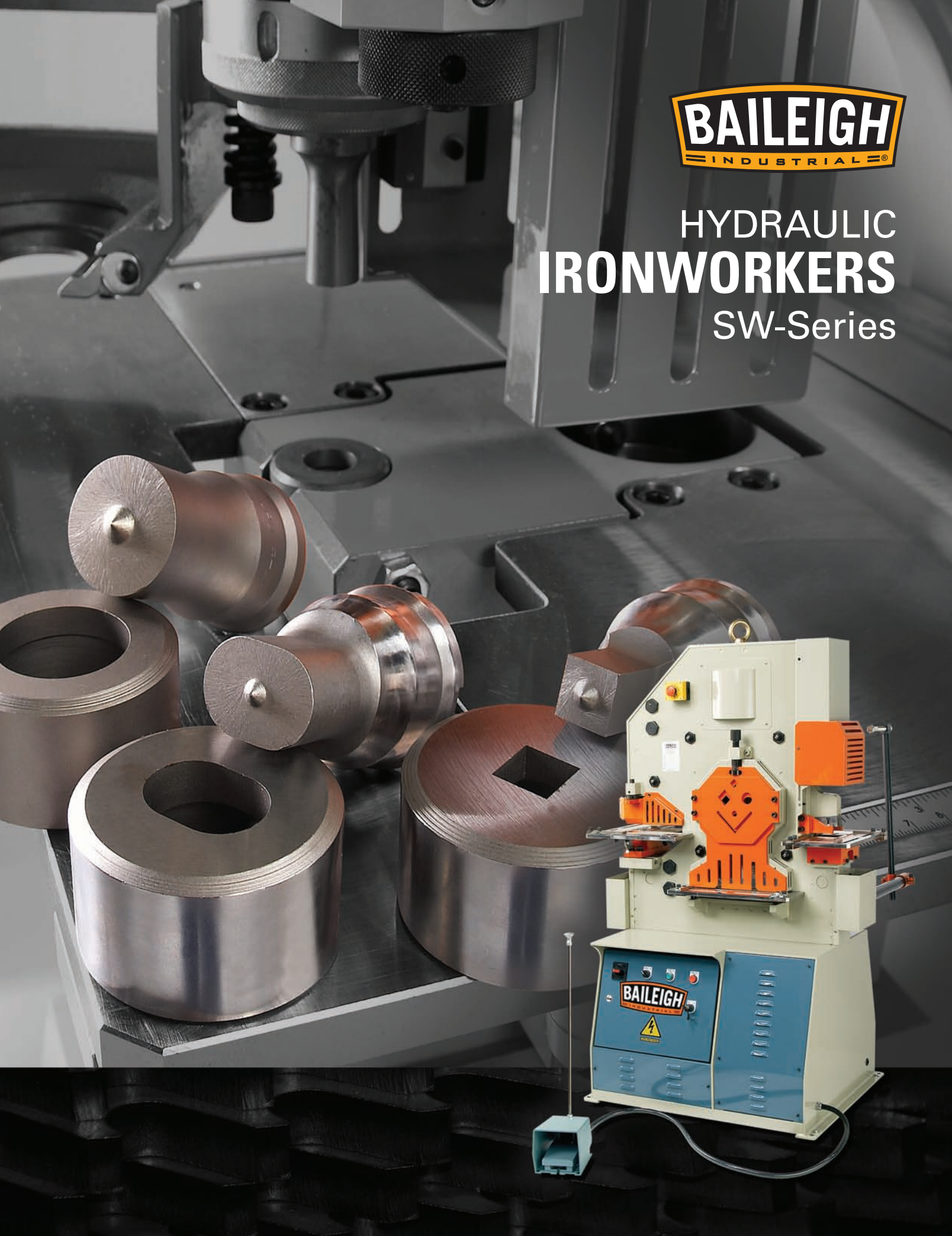




# HYDRAULIC IRONWORKERS SW-Series



# IRONWORKERS

Baileigh Industrial offers the highest quality Ironworkers on the market today. Our 50 ton, 62 ton, 84 ton, 95 ton, and 132 ton capacity Ironworkers include five-station versatility built in for maximum productivity. Designed from the ground up for decades of use, Baileigh Ironworkers incorporate a fully-integrated construction, featuring an all-welded frame and true vertical movement to all stations. This design allows for extremely quiet, smooth operation at maximum capacity without any distortion or wasted material.

All Baileigh Ironworkers include our industry-leading quick release and two-piece punch holder for fast and easy tooling changes. Add this to the metered oversize tables with adjustable stops, and you can quickly see why a Baileigh Ironworker is your best choice.

Round and square stock, angle iron, and flat bar shearing stations are included on all Baileigh Ironworkers. Due to the true vertical movement, shearing functions are performed without any annoying and costly waste. Shear blades can be turned for long life and increased productivity.

Also included on every Baileigh Ironworker is the rectangular notching station, making it easy to notch angle, plate, or channel for perfect notches every time. Oversize table with adjustable material stop is standard.

**BAILEIGH MEANS . . .  
PRECISION. PERFORMANCE.  
PERFECTION.**

**Every Machine Has  
5-Station Versatility Built In**

*Punching Station*



*Solid Stock & Angle Shearing Stations*



*Flat Bar Shearing Station*



*Rectangle Notching Station*



**FULLY-INTEGRATED  
CONSTRUCTION**

# SW-50

## A Compact Design



- ◆ 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

*Swing away stripper for easy access and fast tooling changes.*



Baileigh Industrial's industry leading SW-50 Hydraulic Ironworker is the perfect addition to any fabrication shop where punching, shearing, and notching is required in plate, bar, and various types of angle iron. Its robust, versatile design boasts an impressive 50 tons of vertical pressure to power through most any fabrication requirement. Available in both single and three phase power, the SW-50 is designed and manufactured with a lifetime of productivity in mind.

SPECIFICATIONS	Imperial	Metric
<b>Punching</b>		
Punching Pressure	50 Tons	44 Tons
Punch Capacity (Diameter x Thickness)	.875" x .625"	22 mm x 15 mm
Throat Depth	6"	150 mm
Max. Stroke Length	1.125"	30 mm
Cycles / Min.		19 @ 15 mm
Working Height Up to Die	39.5"	1000 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	10" x .375"	255 mm x 10 mm
Blade Length	10.25"	260 mm
Angle Flange Trim	3"	75 mm
Working Height	32.5"	826 mm
<b>Angle Shearing</b>		
At 90° Shearing	3" x 3" x .25"	75 mm x 75 mm x 6 mm
Working Height	40"	1016 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.125"	30 mm
Square Bar Shear	1" x 1"	25 mm x 25 mm
Working Height	43"	1094 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .281"	50.8 mm x 90 mm x 7 mm
Working Height	40"	1016 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	6.312" x .312"*	160 mm x 8 mm*
Multi-Vee Press Brake (L x T)*	9.875" x .156"*	250 mm x 4 mm*
Angle Bending*	2.5" x .312"*	65 mm x 8 mm*
Pipe Notching*	2.5"*	63 mm*
Vee-Notcher (Side x Side x T)*	3.5" x 3.5" x .312"*	90 mm x 90 mm x 8 mm*
<b>Other</b>		
Electrical Requirements	3 Hp – 220V Single and Three Phase 60 Hz – USA 3 Hp – 220 Single and 400V Three Phase 50 Hz – Europe	
Net Weight (Apr.)	1,650 lbs.	750 kg.
Dimensions (L x W x H)	38" x 27" x 62"	965 mm x 686 mm x 1575 mm

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

# SW-62

## Affordable Performance

When you need more power, give the five station 62 ton SW-62 Ironworker a try. The SW-62, 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-62 is the preferred choice when choosing a single operator machine.

SPECIFICATIONS	Imperial	Metric
<b>Punching</b>		
Punching Pressure	62 Tons	55 Tons
Punch Capacity	1.125" x .625"	28 mm x 15 mm
(Diameter x Thickness)	1.625" x .437"	40 mm x 11 mm
Throat Depth	8"	200 mm
Max. Stroke Length	2"	50 mm
Cycles / Min.	28 @ 15 mm	
Working Height Up to Die	39.5"	1000 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	13.50" x .625"	350 mm x 15 mm
Blade Length	14.125"	360 mm
Angle Flange Trim	4"	100 mm
Working Height	31.5"	799 mm
<b>Angle Shearing</b>		
At 90° Shearing	4" x 4" x .375"	100 mm x 100 mm x 8 mm
Working Height	40"	1016 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.5"	40 mm
Square Bar Shear	1.5" x 1.5"	38 mm x 38 mm
Working Height	44"	1118 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .312"	50.8 mm x 90 mm x 8 mm
Working Height	40"	1016 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	6.312" x .312"*	160 mm x 8 mm*
Multi-Vee Press Brake (L x T)*	9.875" x .156"*	250 mm x 4 mm*
Angle Bending*	2.5" x .312"*	65 mm x 8 mm*
Pipe Notching*	2.5"*	63 mm*
Vee-Notcher (Side x Side x T)*	3.5" x 3.5" x .312"*	90 mm x 90 mm x 8 mm*
Channel Shear	4"*	102 mm*
I Beam Shear	4"*	102 mm*
<b>Other</b>		
Electrical Requirements	5 Hp – 220V Single and Three Phase 60 Hz – USA 5 Hp – 220V Single and 400V Three Phase 50 Hz – Europe	
Net Weight (Apr.)	2,310 lbs.	1050 kg.
Dimensions (L x W x H)	45" x 30" x 68"	1092 mm x 762 mm x 1727 mm

Model SW-62 – 62 Ton Ironworker

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



- ◆ 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



Swing away stripper for easy access and fast tooling changes.

# SW-84

## True Versatility

The dual operator SW-84 Hydraulic Ironworker is the perfect choice for any fabrication shop looking to perform a multitude of operations. This dual operator design enables one operator to perform punching operations while another can work at the notching or shearing stations – all at full capacity! A pair of hydraulic cylinders operate within the heavy duty all welded frame to provide 84 tons of punch pressure and a whopping 110 tons of shearing and notching force to make quick work of the most demanding applications.



- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light

Notching station



Shearing station



SPECIFICATIONS		Imperial	Metric
<b>Punching</b>			
Punching Pressure		84 Tons	75 Tons
Punch Capacity (Diameter x Thickness)		1.125" x .875" 2" x .5"	28 mm x 22 mm 50 mm x 12 mm
Throat Depth		12.25"	310 mm
Max. Stroke Length		3"	75 mm
Cycles / Min.		38 @ 15 mm	
Working Height Up to Die		43.5"	1100 mm
<b>Flat Shearing</b>			
Flat Bar Shearing		15.75" x .625"	400 mm x 16 mm
Blade Length		16.125"	410 mm
Angle Flange Trim		4"	100 mm
Working Height		33.5"	850 mm
<b>Angle Shearing</b>			
At 90° Shearing		5.125" x 5.125" x .5"	130 mm x 130 mm x 12 mm
Working Height		44"	1106 mm
<b>Bar Shearing</b>			
Round Bar Shear		1.75"	45 mm
Square Bar Shear		1.75" x 1.75"	45 mm x 45 mm
Working Height		48"	1225 mm
<b>Notching</b>			
Rect. Notcher (W x D x T)		2" x 3.5" x .5"	50.8 mm x 90 mm x 12 mm
Working Height		44"	1118 mm
<b>Special Tooling</b>			
Single Vee Press Brake (L x T)*		9.875" x .625"*	250 mm x 15 mm*
Multi-Vee Press Brake (L x T)*		19.625" x .1875"*	500 mm x 5 mm*
Angle Bending*		4" x .3125"*	102 mm x 8 mm*
Pipe Notching*		2.5"*	114 mm*
Large V-Notcher (Side x Side x T)*		5.57" x 5.57" x .375"*	145 mm x 145 mm x 10 mm*
Vee-Notcher (Side x Side x T)*		3.5" x 3.5" x .5"*	90 mm x 90 mm x 12 mm*
<b>Other</b>			
Electrical Requirements		10 Hp – 220V Three Phase 60 Hz – USA 10 Hp – 400V Three Phase 50 Hz – Europe	
Net Weight (Apr.)		5,060 lbs.	2300 kg.
Dimensions (L x W x H)		60" x 36" x 78"	1524 mm x 914 mm x 1980 mm

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

# SW-95

## A Work Horse You Can Count On

With 95 tons of punching power and 123 tons of shearing and notching pressure, the dual operator SW-95 Ironworker is the perfect option for production fabrication shops. The hydraulic material holder at the shear station provides for incredibly accurate and distortion free cuts. Constructed from heavy structural plate that is first bolted, then electro-welded in place, the SW-95 has the power and performance that demanding shops require.



SPECIFICATIONS	Imperial	Metric
<b>Punching</b>		
Punching Pressure	95 Tons	85 Tons
Punch Capacity (Diameter x Thickness)	1.062" x .875" 2" x .5"	27 mm x 22 mm 50 mm x 12 mm
Throat Depth	16"	406 mm
Max. Stroke Length	3.93"	100 mm
Cycles / Min.	38 @ 15 mm	
Working Height Up to Die	41.3"	1050 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	16" x .75"	406 mm x 20 mm
Blade Length	16.125"	410 mm
Angle Flange Trim	4"	100 mm
Working Height	28.5"	726 mm
<b>Angle Shearing</b>		
At 90° Shearing	5.125" x 5.125" x .5"	130 mm x 130 mm x 12 mm
Working Height	40.9"	1040 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.75"	45 mm
Square Bar Shear	1.75" x 1.75"	45 mm x 45 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .5"	50 mm x 90 mm x 12 mm
Working Height	41.3"	1050 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	9.875" x .625"*	250 mm x 15 mm*
Multi-Vee Press Brake (L x T)*	19.625" x .187"*	500 mm x 5 mm*
Angle Bending*	4" x .312"*	102 mm x 8 mm*
Pipe Notching*	4.4"*	114 mm*
Large V-Notcher (Side x Side x T)*	5.75" x 5.75" x .375"*	145 mm x 145 mm x 10 mm*
Vee-Notcher (Side x Side x T)*	4.1" x 4.1" x .5"*	105 mm x 105 mm x 12 mm*
<b>Other</b>		
Electrical Requirements	10 Hp – 220V Three Phase 60 Hz – USA 10 Hp – 400V Three Phase 50 Hz – Europe	
Net Weight (Apr.)	6,050 lbs.	2750 kg.
Dimensions (L x W x H)	70.6" x 40.1" x 73.4"	1795 mm x 1020 mm x 1865 mm

Model SW-95 – 95 Ton Ironworker

- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Hydraulic material hold downs at shear station
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light

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

*Shearing station with hydraulic hold down*



*Electric back gauge*



# SW-132

## Enormous Capacity



- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Hydraulic material hold downs at shear station
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light



When you want it all, look no further than Baileigh Industrial's SW-132. The massive 132 tons of punching pressure, coupled with 179 tons of force at the shear and notching station makes the SW-132 the most powerful and feature packed unit in our lineup. This massive power, the dual operator design, and our famous quiet, smooth operation make this the ultimate workhorse for any application.

SPECIFICATIONS	Imperial	Metric
<b>Punching</b>		
Punching Pressure	132 Tons	120 Tons
Punch Capacity	1.125" x 1.062"	30 mm x 27 mm
(Diameter x Thickness)	2" x .625"	50 mm x 16 mm
Throat Depth	16"	406 mm
Max. Stroke Length	3"	75 mm
Cycles / Min.	30 @ 15 mm	
Working Height Up to Die	41.3"	1050 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	18.1" x .75"	460 mm x 20 mm
Blade Length	18.3"	465 mm
Angle Flange Trim	4"	100 mm
Working Height	30.3"	770 mm
<b>Angle Shearing</b>		
At 90° Shearing	6" x 6" x .6"	152 mm x 152 mm x 15 mm
Working Height	39"	990 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.75"	45 mm
Square Bar Shear	1.75" x 1.75"	45 mm x 45 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .5"	50 mm x 90 mm x 12 mm
Working Height	41.3"	1050 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	9.875" x .75"*	250 mm x 20 mm*
Multi-Vee Press Brake (L x T)*	27.5" x .187"*	700 mm x 5 mm*
Angle Bending*	4" x .5"*	102 mm x 13 mm*
Pipe Notching*	4.4"*	114 mm*
Large V-Notcher (Side x Side x T)*	5.75" x 5.75" x .5"*	145 mm x 145 mm x 13 mm*
Vee-Notcher (Side x Side x T)*	4.1" x 4.1" x .6"*	105 mm x 105 mm x 15 mm*
<b>Other</b>		
Electrical Requirements	15 Hp – 220V Three Phase 60 Hz – USA 15 Hp – 400V Three Phase 50Hz – Europe	
Net Weight (Apr.)	9,460 lbs.	4300 kg.
Dimensions (L x W x H)	85.5" x 44" x 80.7"	2170 mm x 1120 mm x 2050 mm

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

*Shearing station with hydraulic hold down*

# 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.



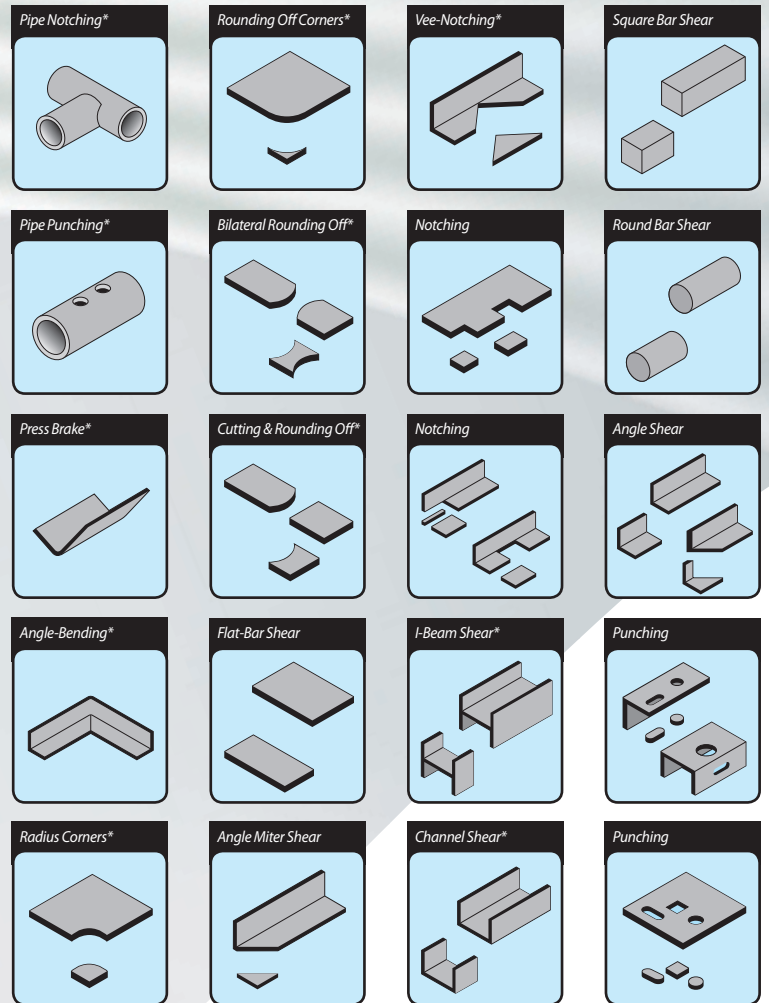
BAILEIGH INDUSTRIAL INC.  
1625 Dufek Drive  
Manitowoc, WI 54220  
Tel 920.684.4990  
Fax 920.684.3944  
www.baileighindustrial.com

BAILEIGH INDUSTRIAL INC.  
1455 S. Campus Avenue  
Ontario, CA 91761  
Tel 920.684.4990  
Fax 920.684.3944

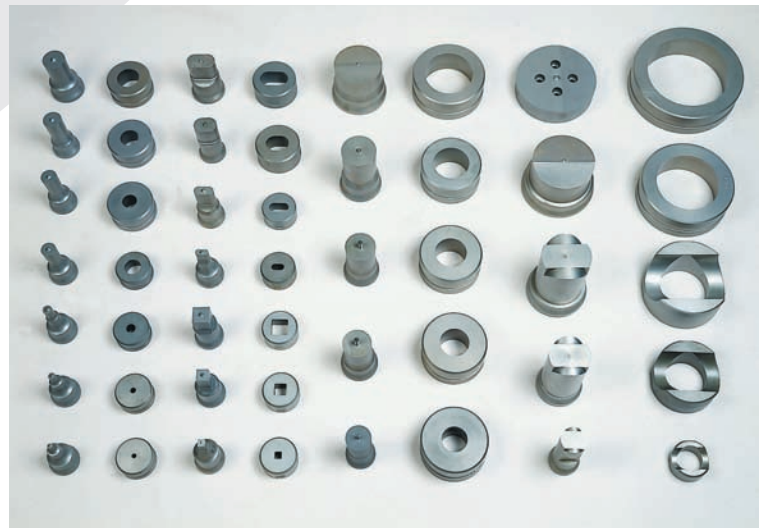
BAILEIGH INDUSTRIAL LTD.  
Unit 1 Fullwood Close  
Aldermans Green Industrial Estate  
Coventry, CV2 2SS  
United Kingdom  
Tel +44 (0)24 7661 9267  
Fax +44 (0)24 7661 9276  
www.bifabuk.co.uk

Specifications and machines appearances are subject to change without notice.

Form No 87969



\*Denotes Optional Tooling



Distributed By:

