

Ironworkers | Cold Saws | Automatic Sawing Systems | Hydraulic Press | Pipe Notchers | Measuring Devices







Art Kroetch (1926-2007) Founder of Scotchman Inc.

Scotchman Industries, established in 1967, is family & employee-owned and located in small town South Dakota. Our factory representatives assist dealers worldwide. We are honored to have served the manufacturing industry in America and abroad for over 50 years.

Our company was founded on the principle of providing well-built machinery to help our customers find efficient solutions for their shop needs. We remain committed to building high-quality & dependable USA made products, providing first-class customer service, and have confidence in the strength of American manufacturing.

We believe that building a manufacturing interest among our Nation's youth is vital to the future of American manufacturing and fully support shop class education and trade schools.

When you buy a Scotchman machine, you'll have peace of mind knowing you're supporting an American company who is supporting the community.

Table of Contents



Scotchman Industries is proud to support Workshops For Warriors[®], a non-profit with a mission to train, certify, and help place Veterans, Wounded Warriors, and Transitioning Service Members into advanced manufacturing careers. Scotchman is thankful for all veterans and current USA military personnel and grateful for their service to our country. Let's rebuild American manufacturing together!



IRONWORKERS	 PIPE NOTCHERS 47-50
BAND SAW	 HYDRAULIC PRESSES 51-52
COLD SAWS	 CUSTOMER SERVICE
MEASURING DEVICES	 FINANCING 54

Ironworkers



Single & Dual Operator Hydraulic Ironworkers

American Made with 3-Year Warranty

Backed by the Scotchman reputation of superior quality and dependability, our ironworkers are built tough to last generations. Models range in capacity from 45-150 tons and are available in two distinct styles.

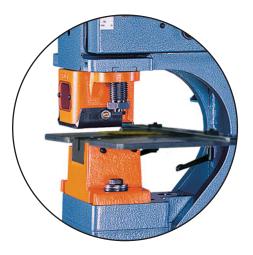
- Our unique Component Tool Table style provides flexibility to swap-out tooling quickly for those quick turnaround jobs. The variety of tooling options available for this style gives it unmatched versatility to any other machine on the market.
- Fully-Integrated Ironworkers feature built-in tools and are suited best for repetitive, higher volume projects.



CAPACITY CHART QUICK REFERENCE GUI	IDE 5-6
45 TON	7-8
50 TON	9-10
65 TON	11
70 TON	12
85 TON	
90 TON	15
95 TON	
120 TON	17-18
135 TON	19
150 TON	
OPTIONAL TOOLING	
CUSTOM TOOLING	
IN-STOCK PUNCH & DIES	24
PRODUCTION SHEAR	25

Scatchman

Component Tool Style Workstations

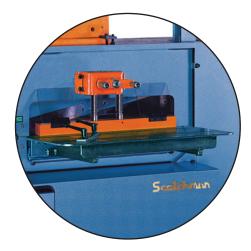


PUNCH:

The punch station is one of the most functional standard tools on any ironworker. A full range of punches & dies in standard shapes and increments are available in-stock for your various punching needs, plus tooling can be custom built for your special application. This workstation can also be used for additional applications beyond strictly punching.

FLAT BAR SHEAR:

A flat bar shear is a standard workstation on all ironworkers, but not all bar shears are created equal. All Scotchman ironworkers have a shear with a variable rake angle which minimizes distortion of the cut and increases cut time for a faster shear cycle. From 6" to 24" in width, each Scotchman ironworker is equipped with the best shear for its capacity. Hold-downs are easily adjustable with good visibility, and the reversible shear blades provide a long life of plate shearing.







ANGLE SHEAR:

This useful tool is standard on every Scotchman ironworker. Produces a distortion free cut, and can easily & quickly 45° miter cut.

NOTCHER:

Ideal for notching and nibbling of plate and angle iron. When versatility is key, a coper notcher is essential. Standard workstation on most Scotchman ironworker models, but available as an option on the models it is not standard.



TOOL TABLE WORKSTATION FOR COMPONENT TOOLS:

When versatility and flexibility are key, our unique tool table workstation is indispensable! This tool table design is unique to Scotchman and creates a workstation that is fully customizable allowing an extensive variety of different tooling options to be used and switched out easily, without losing the punch station. This workstation acts as an additional power source which allows users to tailor the machine to their individual needs.

Scotchman has a variety of tooling options available as well as a full-time custom tooling department making the options nearly endless.

		45 ton	50 ton	50 ton	65 ton	70 ton	85 ton
		Single Operator	Single Operator	Single Operator	Single Operator	Dual Operator	Single Operator
Machine D	Design Style	Component Tool Table	Component Tool Table	Component Tool Table	Component Tool Table	Component Tool Table	Fully Integrated Tools
Punch	Throat Depth	4-1/4"	6"	4"	9"	9"	10"
	Tonnage	45 ton	50 ton	50 ton	65 ton	70 ton	85 ton
	Capacity	1-1/8" in 1/2"	1-1/4" in 1/2"	1-1/4" in 1/2"	1-1/16" in 3/4"	1-1/8" in 3/4"	1-1/16" in 1"
			13/16" in 3/4"	13/16" in 3/4"			
	Max. Hole	2-1/4"	2-1/4"	2-1/4"	4"	4"	4"
Bar Shear	Blade Length	6"	14"	14"	24"	24"	20"
	Max.	1/2" x 4"	3/4" x 4"	3/4" x 4"	1" x 6"	1" x 6"	1" x 12"
	Capacity	, 3/8" x 6"	1/2" x 8"	1/2" x 8"	3/4" x 10"	3/4" x 10"	3/4" x 20"
		,	3/8" x 10"	3/8" x 10"	1/2" x 12"	1/2" x 14"	
			1/4" x 14"	1/4" x 14"	3/8" x 16"	3/8" x 24"	
					1/4" x 24"		
Angle Shear	Angle Shear,	3" x 3" x 5/16"	4" x 4" x 3/8"	4" x 4" x 3/8"	6" x 6" x 3/8"	6" x 6" x 1/2"	6" x 6" x 1/2"
	90°				5" x 5" x 1/2"		
	Angle Shear, 45°	2" x 2" x 1/4"	2" x 2" x 1/4"	2" x 2" x 1/4"	3" x 3" x 3/8"	3" x 3" x 3/8"	4" x 4" x 1/2" (with bar shear)
					4" x 4" x 1/2" (with bar shear)	4" x 4" x 1/2" (with bar shear)	
Channel	Size	up to 3"	up to 3"	up to 3"	2" to 5"	2" to 6"	2" to 6"
Shear	Avail.				adjustable	adjustable	adjustable
Rod Shear	Round Rod	1/4" to 1", 5 cavity	1/4" to 1", 5 cavity	1/4" to 1", 5 cavity	1/4" to 1-1/4", 9 cavity	1/4" to 1-1/4", 9 cavity	1-1/2", 1 cavity
	Square Rod	1/4" to 3/4", 1 cavity	1/4" to 3/4", 1 cavity	1/4" to 3/4", 1 cavity	1/4" to 1", 1 cavity	1/4" to 1", 1 cavity	1-1/4", 1 cavity
Tube Shear	Square Tube	1/2" to 1", 12 gauge	1/2" to 1", 12 gauge	1/2" to 1", 12 gauge	1/2" to 2", 12 gauge	1/2" to 2", 12 gauge	1/2" to 2", 12 gauge
Notcher	Rectangle	2" x 1-3/4" x 1/4"	2-1/2" x 3" x 5/16"	2-1/2" x 3" x 5/16"	2" x 2-1/2" x 3/8"	3" x 5" x 3/8"	3" x 5" x 1/2"
			2-1/2" x 2-3/4" x 3/8"	2-1/2" x 2-3/4" x 3/8"		3" x 4" x 1/2"	
	90° V	6" x 6" x 1/8"	6" x 6" x 1/8"	6" x 6" x 1/8"	6" x 6" x 5/16"	6" x 6" x 5/16"	6" x 6" x 5/16" (Punch Station)
			3" x 3" x 1/4"	3" x 3" x 1/4"			
	Pipe (Sch. 40)	3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"
Bending	Brake Size Avail.	6", 8", 12", 6" Open-End	6", 8", 12", 6" Open-End	6", 8", 12", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End
Picket Tool	Size	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)			
Motor	Standard	110v	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph
	Optional	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph
*Not all funct capacities ar but can be a optional too *Custom buil available up	re standard, chieved with oling. t tooling is				Schenns		
Model Nar	ne	Porta Fab 45	50514-EC	5014-ET	6509	DO 70	FI 85
		Page 7	Page 9	Page 9	Page 11	Page 12	Page 13

Quick Reference Guide

85 ton	90 ton	95 ton	120 ton	120 ton	135 ton	150 ton	Production Shear
Dual Operator	Single Operator	Dual Operator	Single Operator	Dual Operator	Dual Operator	Dual Operator	Single Operator
Fully Integrated Tools	Component Tool Table	Shear Only					
14"	12"	9"	12"	12"	12"	12"	
85 ton	90 ton	95 ton	120 ton	120 ton	135 ton	150 ton	
1-1/16" in 1"	1-1/8" in 1"	1-3/16" in 1"	1-1/2" in 1"	1-1/2" in 1"	1-11/16" in 1"	1-7/8" in 1"	N/A
4"	4"	4"	4"	4"	4"	4"	
20"	24"	24"	24"	24"	24"	24"	24"
1" x 14"	1" x 8"	1" x 8"	1" x 12"	1" x 12"	1" x 12"	1" x 14"	1" x 12"
3/4" x 20"	3/4" x 12"	3/4" x 12"	3/4" x 20"	3/4" x 20"	3/4" x 20"	3/4" x 24"	3/4" x 16"
	1/2" x 16" 1/4" x 24"	1/2" x 16" 3/8" x 24"	1/2" x 24"	1/2" x 24"	1/2" x 24"		1/2" x 24"
6" x 6" x 1/2"	6" x 6" x 1/2"	6" x 6" x 1/2"	6" x 6" x 1/2"	6" x 6" x 1/2"	6" x 6" x 1/2"	6" x 6" x 1/2"	
4" x 4" x 1/2" (with bar shear)	3" x 3" x 3/8"						
(with but shear)	4" x 4" x 1/2" (with bar shear)	4" x 4" x 1/2" (with bar shear)	4" x 4" x 1/2" (with bar shear)	4" x 4" x 1/2" (with bar shear)	4" x 4" x 1/2" (with bar shear)	4" x 4" x 1/2" (with bar shear)	
2" to 6"	2" to 6" adjustable						
1/2", 3/4", 1", 1-1/2", 4 cavity	1/4" to 1-1/4", 9 cavity	1/4" to 1-1/4", 9 cavity	1/4" to 1-1/4", 9 cavity	1/4" to 1-1/4", 9 cavity	1/4" to 1-1/4", 9 cavity	1/4" to 1-1/4", 9 cavity	
1-1/2", 1 cavity	1/4" to 1", 1 cavity	1/4" to 1", 1 cavity	1/4" to 1", 1 cavity	1/4" to 1", 1 cavity	1/4" to 1", 1 cavity	1/4" to 1", 1 cavity	
1/2" to 2", 12 gauge	1/2" to 2", 12 gauge	1/2" to 2", 12 Gauge	1/2" to 2", 12 gauge	1/2" to 2", 12 gauge	1/2" to 2", 12 gauge	1/2" to 2", 12 gauge	N/A
2" x 4" x 1/2"	2" x 2-1/2" x 3/8"	3" x 5" x 3/8" 3" x 4" x 1/2"	2" x 2-1/2" x 3/8"	3" x 5-3/4" x 1/2"	3" x 5-3/4" x 1/2"	3" x 5-3/4" x 1/2"	
3" x 3" x 1/2" (Notcher Station)	6" x 6" x 5/16"						
6" x 6" x 5/16" (Punch Station)							
3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"	3/4" to 2"	
12", 24", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End	12", 24", 6" Open-End	
1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	1/2", 3/4", & 1" (16 gauge)	
230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph	230/460v, 3 ph
220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph	220v, 1 ph
							Calling.
DO 85	9012	DO 95	12012	DO 120	DO 135	DO 150	ShearMaster 610
Page 14	Page 15	Page 16	Page 17	Page 18	Page 19	Page 20	Page 25

IRONWORKERS



STANDARD FEATURES

- 45 ton punch station
- Keyed punch ram for safety
- 2" die holder
- Punch nut with wrench and stripper
- One round punch & die: max. diameter 1"
- Electric remote foot pedal
- Adjustable electric stroke control with scale
- Three-in-one combination tool:
- Angle shear, Bar shear, and Rod shear
- 14" Tool table work area
- Slug receptacle
- Machine stand with punch & die & tooling storage rack
- 110 volt electrics
- Complies with ANSI B 11.5 safety standards
- Three-year warranty on parts
- Made in USA



PORTA FAB 45

Conceil	in and Crasifications
	ies and Specifications Mild Steel / 65,000 PSI Tensile
Punching Capacity	45 ton (41 mt)
	1-1/8" in 1/2" (28 mm in 12 mm)
Special Tooling	2-1/4" (57 mm) Max. Dia.
Throat Depth	4-1/4" (108 mm)
Flat Bar Shear	6" Length (152 mm)
	1/2" x 4" (12 x 102 mm)
	3/8" x 6" (10 x 152 mm)
Angle Shear 90°	3" x 3" x 5/16" (76 x 76 x 8 mm)
Angle Shear 45°	2" x 2" x 1/4" (51 x 51 x 6 mm)
Round Rod Shear	3/4" (19 mm)
Brake 8"	25 ton (23 mt)
Brake 12"	20 ton (18 mt)
Open End Brake	Max. 1/4" x 3" (6 x 76 mm) [Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	2" x 1-3/4" x 1/4" (51 x 44 x 6 mm)
90° V-Notcher	6" x 6" x 1/8" (152 x 152 x 3 mm)
Rod Shear Round (max.)	5 Cavity, 1/4" to 1" (6 mm to 25 mm)
Rod Shear Square (max.)	1 Cavity, 1/4" to 3/4" (6 mm to 19 mm)
Unistrut Shear	Samples Required
Square Tube Shear	1/2" to 1" (12 mm to 25 mm)
	12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)
Strokes per minute in light material	10 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	4 spm (3/4" stroke) [Punch Station]
Hydraulics	2,500 psi (172 bar)
Motor Options	2 hp 110 v
(must specify)	2 hp 1 ph (1.49 kW) 220 v
Dimensions	L-38-1/4" (97 cm)
	W-20" (51 cm)
	H-39-1/4" (100 cm)
	H w/base-56-3/4" (144 cm)
Shipping Weight (may vary)	710 lbs. (322 kg)



It's portable, versatile, and designed for in-plant or on-the-job operation; a perfect choice for the fabricator on-the-go!

With 45-ton punching capacity, this ironworker can punch 1-1/8" hole through 1/2" mild steel and runs on 110-volt power from your standard wall outlet or generator. A 3-in-1 combination tool comes standard and is located in our unique tool table area. This versatile workstation allows additional tooling to be easily swapped in and out so you can customize the machine to fit your needs.











50514-EC Single punch station



3-station revolving turret punch

STANDARD FEATURES

- 50 ton punch station
- 2" die holder (per punch station)
- Punch nut & stripper (per punch station)
- One round punch & die: max. diameter 1" $\,$
- Keyed punch ram for safety
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Angle shear
- Flat bar shear with 4-way reversible blade

- Rectangle notcher
- 14" Tool table work area
- Slug receptacle
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA





50514-EC 5014-ET

Capacities and Specifications Rated On: A36 Mild Steel / 65,000 PSI Tensile					
Punching Capacity	50 ton (45 mt)	50 ton (45 mt)			
	1-1/4" in 1/2" (32 mm in 12 mm)	1-1/4" in 1/2" (32 mm in 12 mm)			
	13/16" in 3/4" (20 mm in 19 mm)	13/16" in 3/4" (20 mm in 19 mm)			
Special Tooling	2-1/4" (57 mm) Max. Dia.	2-1/4" (57 mm) Max. Dia.			
Throat Depth	6" (152 mm)	4" (102 mm)			
Flat Bar Shear	14" Length (356 mm)	14" Length (356 mm)			
	3/4" x 4" (19 x 102 mm)	3/4" x 4" (19 x 102 mm)			
	1/2" x 8" (12 x 203 mm)	1/2" x 8" (12 x 203 mm)			
	3/8" x 10" (10 x 254 mm)	3/8" x 10" (10 x 254 mm)			
	1/4" x 14" (6 x 356 mm)	1/4" x 14" (6 x 356 mm)			
Opt. Sabre Blade	1/2" x 10" (12 x 254 mm)	1/2" x 10" (12 x 254 mm)			
	3/8" x 12" (10 x 305 mm)	3/8" x 12" (10 x 305 mm)			
Angle Shear 90°	4" x 4" x 3/8" (102 x 102 x 10 mm)	4" x 4" x 3/8" (102 x 102 x 10 mm)			
Angle Shear 45°	2" x 2" x 1/4" (51 x 51 x 6 mm)	2" x 2" x 1/4" (51 x 51 x 6 mm)			
Brake 8"	30 ton (27 mt)	25 ton (23 mt)			
Brake 12"	25 ton (23 mt)	25 ton (23 mt)			
Open End Brake	Max. 1/4" x 3" (6 x 76 mm) [Flat or Angle Iron]	Max. 1/4" x 3" (6 x 76 mm) [Flat or Angle Iron]			
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"	3/4", 1", 1-1/4", 1-1/2", 2"			
Rectangle Notcher	2-1/2" x 3" x 5/16" (63 x 76 x 8 mm)	2-1/2" x 3" x 5/16" (63 x 76 x 8 mm)			
	2-1/2" x 2-3/4" x 3/8" (63 x 70 x 10 mm)	2-1/2" x 2-3/4" x 3/8" (63 x 70 x 10 mm)			
90° V-Notcher	6" x 6" x 1/8" (152 x 152 x 3 mm)	6" x 6" x 1/8" (152 x 152 x 3 mm)			
	3" x 3" x 1/4" (76 x 76 x 6 mm)	3" x 3" x 1/4" (76 x 76 x 6 mm)			
Unistrut Shear	Samples Required	Samples Required			
Rod Shear Round (max.)	5 Cavity, 1/4" to 1" (6 mm to 25 mm)	5 Cavity, 1/4" to 1" (6 mm to 25 mm)			
Rod Shear Square (max.)	1 Cavity, 1/4" to 3/4" (6 mm to 19 mm)	1 Cavity, 1/4" to 3/4" (6 mm to 19 mm)			
Square Tube Shear	1/2" to 1" (12 mm to 25 mm)	1/2" to 1" (12 mm to 25 mm)			
	12 gauge (0.105" / 2.7 mm)	12 gauge (0.105" / 2.7 mm)			
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)			
	16 gauge (0.06" / 1.5 mm)	16 gauge (0.06" / 1.5 mm)			
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)	2" wide x 3/8" (51 mm x 10 mm)			
Strokes per minute in light material	34 spm (1/4" stroke) [Punch Station]	34 spm (1/4" stroke) [Punch Station]			
Strokes per minute in heavy material	14 spm (3/4" stroke) [Punch Station]	14 spm (3/4" stroke) [Punch Station]			
Hydraulics	2,350 psi (162 bar)	2,350 psi (162 bar)			
Motor Options	3 hp 3 ph (2.24 kW) 208/230/460, 380/575v	3 hp 3 ph (2.24 kW) 208/230/460, 380/575v			
(must specify)	5 hp 1 ph (3.73 kW) 220v	5 hp 1 ph (3.73 kW) 220v			
Dimensions	L-48-1/4" (122.5 cm)	L-48-1/4" (122.5 cm)			
	W-23-1/2" (60 cm)	W-23-1/2" (60 cm)			
	H-63-3/4" (161 cm)	H-70-1/4" (178.5 cm)			
Shipping Weight (may vary)	1,580 lbs. (717 kg)	1,640 lbs. (744 kg)			





STANDARD FEATURES

- 65 ton punch station
- Keyed punch ram for safety
- Punch gauging table w/fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench and stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Flat bar shear with 4-way reversible blade
- Shear table with miter fence
- Angle shear
- 24" Tool table work area
- Slug receptacle
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA



6509-24M

6	tion and Co
-	ties and Specifications
	5 Mild Steel / 65,000 PSI Tensile
Punching Capacity	65 ton (58 mt) 1-1/16" in 3/4" (27 mm in 19 mm)
Special Tooling	
_	4" (102 mm) Max. Dia.
Throat Depth	9" (229 mm)
Flat Bar Shear	24" Length (610 mm)
	1" x 6" (25 x 152 mm)
	3/4" x 10" (19 x 254 mm)
	1/2" x 12" (12 x 305 mm)
	3/8" x 16" (10 x 406 mm)
	1/4" x 24" (6 x 610 mm)
Opt. Sabre Blade	1" x 6" (25 x 152 mm)
	1/2" x 16" (12 x 406 mm)
Angle Shear 90°	6" x 6" x 3/8" (152 x 152 x 10 mm)
	5" x 5" x 1/2" (127 x 127 x 12 mm)
Angle Shear 45°	
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)
Brake 12"	40 ton (36 mt)
Brake 24"	30 ton (27 mt)
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	2" x 2-1/2" x 3/8" (51 x 63 x 10 mm)
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)
Channel Shear	2" to 5" adj. (51 mm to 127 mm adj.)
Unistrut Shear	Samples Required
Rod Shear	
Round (max.) Rod Shear	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)
Square (max.)	1 Cavity , 1/4" to 1" (6 mm to 25 mm)
Square Tube Shear	1/2" to 2" (12 mm to 51 mm)
	12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)
Offset Die Holder	Max. 40 ton (36 mt)
Strokes per minute in light material	58 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	26 spm (3/4" stroke) [Punch Station]
Hydraulics	2,600 psi (183 bar)
Motor Options	5 hp 3 ph (3.73 kW) 208/230/460, 380/575v
(must specify)	5 hp 1 ph (3.73 kW) 220v
Dimensions	L-60-3/4" (154.5 cm)
	W-30" (76 cm)
	H-64-1/2" (164 cm)
Shipping Weight (may vary)	2,984 lbs. (1,354 kg)





STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 70 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Two adjustable electric stroke controls with scale
- Two electric remote foot pedals
- Tandem hydraulic pump
- Two valves
- Angle shear
- Rectangle notcher with table, scale and guides
- Flat bar shear with sabre blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button
 and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

D0 70/110-24M

	ties and Specifications 5 Mild Steel / 65,000 PSI Tensile
Punching Capacity	70 ton (63 mt)
	1-1/8" in 3/4" (29 mm in 19 mm)
Special Tooling	4" (102 mm) Max. Dia.
Throat Depth	9" (229 mm)
Flat Bar Shear	24" Length (610 mm)
(sabre blade-std.)	1" x 6" (25 x 152 mm)
	3/4" x 10" (19 x 254 mm)
	1/2" x 14" (12 x 356 mm)
	3/8" x 24" (10 x 610 mm)
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)
Angle Shear 45°	0 × 0 × 1/2 (152×152×121111)
-	
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)
Brake 12"	65 ton (59 mt)
Brake 24"	45 ton (40 mt)
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	3" x 5" x 3/8" (76 x 127 x 10 mm)
	3" x 4" x 1/2" (76 x 101 x 12 mm)
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)
	3" x 3" x 3/8" (76 x 76 x 10 mm)
Notching in Leg of Channel	6" to 10" (152 mm to 254 mm)
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)
Unistrut Shear	Samples Required
Rod Shear	
Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)
Rod Shear Square (max.)	1 Cavity , 1/4" to 1" (6 mm to 25 mm)
Square Tube Shear	1/2" to 2" (12 mm to 51 mm)
	12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)
Offset Die Holder	Max. 40 ton (36 mt)
Strokes per minute in light material	38 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	15 spm (3/4" stroke) [Punch Station]
Hydraulics	3,000/3,000 psi (207/207 bar)
Motor Options	10 hp 3 ph (7.46 kW) 208/230/460, 380/575v
(must specify)	10 hp 1 ph (7.46 kW) 220v
Dimensions	L-69" (175 cm)
	W-37-1/2" (95 cm)
	H-71" (180 cm)
Shipping Weight (may vary)	3,800 lbs. (1,724 kg)
	1





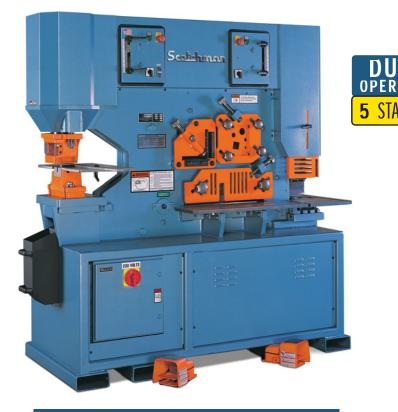
STANDARD FEATURES

- 85 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Slug-less angle shear
- Flat bar shear with sabre blade
- Shear table with miter fence
- Rod shear
- Slug receptacles
- Rectangle notcher with table, scale and guide
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

FI 8510-20M

Capacities and Specifications Rated On: A36 Mild Steel / 65,000 PSI Tensile				
Punching Capacity	85 ton (77 mt)			
	1-1/16" in 1" (27 mm in 25 mm)			
Special Tooling	4" (102 mm) Max. Dia.			
Throat Depth	10" (254 mm)			
Flat Bar Shear	20" Length (508 mm)			
(sabre blade-std.)	1" x 12" (25 x 305 mm)			
	3/4" x 20" (19 x 508 mm)			
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)			
Angle Shear 45° (with Bar Shear)	4" x 4" x 1/2" (102 x 102 x 12 mm)			
Brake 12"	85 ton (77 mt)			
Brake 24"	85 ton (77 mt)			
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]			
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"			
Rectangle Notcher	3" x 5" x 1/2" (76 x 127 x 12 mm)			
90° V-Notcher (Punch Station)	6" x 6" x 5/16" (152 x 152 x 8 mm)			
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)			
Unistrut Shear	Samples Required			
Rod Shear Round (max.)	1 cavity, 1-1/2" (38 mm)			
Rod Shear Square (max.)	1 cavity, 1-1/4" (32 mm)			
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)			
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)			
	16 gauge (0.06" / 1.5 mm)			
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)			
Offset Die Holder	Max. 40 ton (36 mt)			
Strokes per minute in light material	51 spm (1/4" stroke) [Punch Station]			
Strokes per minute in heavy material	24 spm (3/4" stroke) [Punch Station]			
Hydraulics	2,600 psi (179 bar)			
Motor Options	5 hp 3 ph (3.76 kW) 208/230/460, 380/575v			
(must specify)	5 hp 1 ph (3.76 kW) 220v			
Dimensions	L-67-3/4" (172 cm)			
	W-32" (81.5 cm)			
	H-78" (198 cm)			
Shipping Weight (may vary)	4,554 lbs. (2,066 kg)			





STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 85 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Two adjustable electric stroke controls with scale
- Two electric remote foot pedals
- Tandem hydraulic pump
- Two valves
- Slug-less angle shear
- Rectangle notcher: can be converted to a V-Notcher, 50 ton punch station, or open end brake
- Flat bar shear with sabre blade
- Shear table with miter fence
- Rod shear
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

DO 8514-20M

STATIONS

	ties and Specifications
	5 Mild Steel / 65,000 PSI Tensile
Punching Capacity	85 ton (77 mt)
	1-1/16" in 1" (27 mm in 25 mm)
Special Tooling	4" (102 mm) Max. Dia.
Throat Depth	14" (355 mm)
Flat Bar Shear (sabre blade-std.)	20" Length, (508 mm)
(sable blade-sta.)	1" x 14" (25 x 355 mm)
	3/4" x 20" (19 x 508 mm)
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)
Angle Shear 45° (with Bar Shear)	4" x 4" x 1/2" (102 x 102 x 12 mm)
Brake 12"	85 ton (77 mt)
Brake 24"	85 ton (77 mt)
Open End Brake (Notcher Station)	Max. 1/2" x 6" (12 x 152 mm) [Flat or Angle Iron]
Open End Brake (Punch Station)	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	2" x 4" x 1/2" (51 x 101 x 12 mm)
90° V-Notcher (Punch Station)	6" x 6" x 5/16" (152 x 152 x 8 mm)
90° V-Notcher (Notcher Station)	3" x 3" x 1/2" (76 x 76 x 12 mm)
Punch Attachment (Notcher Station)	50 ton 1-1/4" in 1/2" (32 mm in 12 mm)
Throat Depth w/ Punch attachment (Notcher Station)	4-7/16" (113 mm)
Channel Shear	2" to 6" (51 mm to 152 mm)
Unistrut Shear	Samples Required
Rod Shear Round (max.)	4 cavities, 1/2", 3/4", 1", 1-1/2" (12 mm, 19 mm, 25 mm, 38 mm)
Rod Shear Square (max.)	1 cavity, 1-1/2" (38 mm)
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)
Offset Die Holder	Max. 40 ton (36 mt)
Strokes per minute in light material	45 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	18 spm (3/4" stroke) [Punch Station]
Hydraulics	3,350/3,800 psi (231/262 bar)
Motor Options (must specify)	10 hp 3 ph (7.46 kW) 208/230/460, 380/575
	10 hp 1 ph (7.46 kW) 220v
Dimensions	L-77-1/2" (197 cm)
	W-32-1/4" (82 cm)
Shipping Weight	H-74" (188 cm)
(may vary)	5,504 lbs. (2,497 kg)







STANDARD FEATURES

- 90 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Angle shear
- Flat bar shear with 4-way reversible blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacle
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

SINGLE OPERATOR
4 STATIONS

	ties and Specifications 5 Mild Steel / 65,000 PSI Tensile
Punching Capacity	90 ton (80 mt)
	1-1/8" in 1" (29 mm in 25 mm)
Special Tooling	4" (102 mm) Max. Dia.
Throat Depth	12" (305 mm)
Flat Bar Shear	24" Length (610 mm)
	1" x 8" (25 x 203 mm)
	3/4" x 12" (19 x 305 mm)
	1/2" x 16" (12 x 406 mm)
	1/4" x 24" (6 x 610 mm)
Opt. Sabre Blade	1/2" x 22" (12 x 559 mm)
	3/8" x 24" (10 x 610 mm)
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)
Angle Shear 45°	
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)
Brake 12"	50 ton (45 mt)
Brake 24"	40 ton (36 mt)
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	2" x 2-1/2" x 3/8" (51 x 63 x 10 mm)
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)
Unistrut Shear	Samples Required
Rod Shear Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)
Rod Shear Square (max.)	1 Cavity, 1/4" to 1" (6 mm to 25 mm)
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)
Offset Die Holder	Max. 40 ton (36 mt)
Strokes per minute in light material	45 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	24 spm (3/4" stroke) [Punch Station]
Hydraulics	2,600 psi (179 bar)
Motor Options	5 hp 3 ph (3.73 kW) 208/230/460, 380/575v
(must specify)	5 hp 1 ph (3.73 kW) 220v
Dimensions	L-76-3/4" (195 cm)
	W-31" (79 cm)
	H-71-1/2" (181.5 cm)
Shipping Weight (may vary)	4,204 lbs. (1,907 kg)

9012-24M



D0 95/140-24M



STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 95 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Two adjustable electric stroke controls with scale
- Two electric remote foot pedals
- Tandem hydraulic pump
- Two valves
- Angle shear
- Rectangle notcher with table, scale and guides
- Flat bar shear with sabre blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

Capacities and Specifications Rated On: A36 Mild Steel / 65,000 PSI Tensile				
Punching Capacity	95 ton (86 mt)			
	1-3/16" in 1" (30 mm in 25 mm)			
Special Tooling	4" (102 mm) Max. Dia.			
Throat Depth	9" (229 mm)			
Flat Bar Shear	24" Length (610 mm)			
(sabre blade-std.)	1" x 8" (25 x 203 mm)			
	3/4" x 12" (19 x 305 mm)			
	1/2" x 16" (12 x 406 mm)			
	3/8" x 24" (10 x 610 mm)			
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)			
Angle Shear 45°				
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)			
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)			
Brake 12"	80 ton (72.5 mt)			
Brake 24"	55 ton (50 mt)			
Open End Brake	Max. 1/4" x 5" (6 x 127 mm)			
	[Flat or Angle Iron]			
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"			
Rectangle Notcher	3" x 5" x 3/8" (76 x 127 x 10 mm)			
	3" x 4" x 1/2" (76 x 101 x 12 mm)			
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)			
	3" x 3" x 3/8" (76 x 76 x 10 mm)			
Notching in Leg of Channel	6" to 10" (152 mm to 254 mm)			
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)			
Unistrut Shear	Samples Required			
Rod Shear Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)			
Rod Shear Square (max.)	1 Cavity , 1/4" to 1" (6 mm to 25 mm)			
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)			
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)			
	16 gauge (0.06" / 1.5 mm)			
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)			
Offset Die Holder	Max. 40 ton (36 mt)			
Strokes per minute in light material	38 spm (1/4" stroke) [Punch Station]			
Strokes per minute in heavy material	15 spm (3/4" stroke) [Punch Station]			
Hydraulics	3,500/3,500 psi (241/241 bar)			
Motor Options	10 hp 3 ph (7.46 kW) 208/230/460, 380/575v			
(must specify)	10 hp 1 ph (7.46 kW) 220v			
Dimensions	L-69" (175 cm)			
	W-37-1/2" (95 cm)			
Shipping Weight	H-71" (180 cm)			
Shipping Weight (may vary)	3,800 lbs. (1,724 kg)			





STANDARD FEATURES

- 120 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Angle shear
- Flat bar shear with 4-way reversible blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacle
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

12012-24M

	ties and Specifications 5 Mild Steel / 65,000 PSI Tensile			
Punching Capacity	120 ton (108 mt)			
	1-1/2" in 1" (38 mm in 25 mm)			
Special Tooling	4" (102 mm) Max. Dia.			
Throat Depth	12" (305 mm)			
Flat Bar Shear	24" Length (610 mm)			
	1" x 12" (25 x 305 mm)			
	3/4" x 20" (19 x 508 mm)			
	1/2" x 24" (12 x 610 mm)			
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)			
Angle Shear 45°				
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)			
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)			
Brake 12"	83 ton (75 mt)			
Brake 24"	65 ton (59 mt)			
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]			
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"			
Rectangle Notcher	2" x 2-1/2" x 3/8" (51 x 63 x 10 mm)			
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)			
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)			
Unistrut Shear	Samples Required			
Rod Shear Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)			
Rod Shear Square (max.)	1 Cavity, 1/4" to 1" (6 mm to 25 mm)			
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)			
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)			
	16 gauge (0.06" / 1.5 mm)			
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)			
Offset Die Holder	Max. 40 ton (36 mt)			
Strokes per minute in light material	47 spm (1/4" stroke) [Punch Station]			
Strokes per minute in heavy material	19 spm (3/4" stroke) [Punch Station]			
Hydraulics	2,600 psi (179 bar)			
Motor Options	5 hp 3 ph (3.73 kW) 208/230/460, 380/575v			
(must specify)	5 hp 1 ph (3.73 kW) 220v			
Dimensions	L-79" (201 cm)			
	W-32" (81 cm)			
	H-75" (191 cm)			
Shipping Weight (may vary)	5,204 lbs. (2,360 kg)			







STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 120 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Two electric remote foot pedals
- Two adjustable electric stroke controls with scale
- Tandem hydraulic pump
- Two valves
- Angle shear
- Rectangle notcher with table, scale and guides
- Flat bar shear with sabre blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

Capacities and Specifications Rated On: A36 Mild Steel / 65,000 PSI Tensile			
Punching Capacity	120 ton (108 mt)		
Punching Capacity	1-1/2" in 1" (38 mm in 25 mm)		
Special Tooling			
	4" (102 mm) Max. Dia.		
Throat Depth	12" (305 mm)		
Flat Bar Shear (sabre blade-std.)	24" Length (610 mm)		
(ouble blade of all)	1" x 12" (25 x 305 mm)		
	3/4" x 20" (19 x 508 mm)		
	1/2" x 24" (12 x 610 mm)		
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)		
Angle Shear 45°			
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)		
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)		
Brake 12"	75 ton (55 mt)		
Brake 24"	55 ton (40 mt)		
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]		
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"		
Rectangle Notcher	3" x 5-3/4" x 1/2" (76 x 146 x 12 mm)		
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)		
	3" x 3" x 1/2" (76 x 76 x 12 mm)		
Notching in Leg of Channel	6" to 10" (152 mm to 254 mm)		
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)		
Unistrut Shear	Samples Required		
Rod Shear Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)		
Rod Shear Square (max.)	1 Cavity, 1/4" to 1" (6 mm to 25 mm)		
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)		
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)		
	16 gauge (0.06" / 1.5 mm)		
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)		
Offset Die Holder	Max. 40 ton (36 mt)		
Strokes per minute in light material	39 spm (1/4" stroke) [Punch Station]		
Strokes per minute in heavy material	15 spm (3/4" stroke) [Punch Station]		
Hydraulics	3,500/3,500 psi (241/241 bar)		
Motor Options	10 hp 3 ph (7.46 kW) 208/230/460, 380/575v		
(must specify)	10 hp 1 ph (7.46 kW) 220v		
Dimensions	L-83" (211 cm)		
	W-38-1/2" (98 cm)		
	H-76-1/2" (194.5 cm)		
Shipping Weight (may vary)	6,204 lbs. (2,814 kg)		



▷ Additional tooling options see pages 21-24



STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 135 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die Holder complete with a 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Two electric remote foot pedals
- Two adjustable electric stroke controls with scale
- Tandem hydraulic pump
- Two valves
- Angle shear
- Rectangle notcher with table, scale and guides
- Flat bar shear with sabre blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

D0 135/220-24M

	ties and Specifications 5 Mild Steel / 65,000 PSI Tensile
Punching Capacity	135 ton (122 mt)
	1-11/16" in 1" (42 mm in 25 mm)
Special Tooling	4" (102 mm) Max. Dia.
Throat Depth	12" (305 mm)
Flat Bar Shear	24" Length (610 mm)
(sabre blade-std.)	1" x 12" (25 x 305 mm)
	3/4" x 20" (19 x 508 mm)
	1/2" x 24" (12 x 610 mm)
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)
Angle Shear 45°	
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)
Brake 12"	90 ton (81.6 mt)
Brake 24"	70 ton (63.5 mt)
Open End Brake	Max. 1/4" x 5" (6 x 127 mm) [Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	3" x 5-3/4" x 1/2" (76 x 146 x 12 mm)
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)
	3" x 3" x 1/2" (76 x 76 x 12 mm)
Notching in Leg of Channel	6" to 10" (152 mm to 254 mm)
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)
Unistrut Shear	Samples Required
Rod Shear Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)
Rod Shear Square (max.)	1 Cavity, 1/4" to 1" (6 mm to 25 mm)
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender (max.)	2" wide x 3/8" (51 mm x 10 mm)
Offset Die Holder	Max. 40 ton (36 mt)
Strokes per minute in light material	39 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	15 spm (3/4" stroke) [Punch Station]
Hydraulics	3,500/3,500 psi (241/241 bar)
Motor Options	10 hp 3 ph (7.46 kW) 208/230/460, 380/575v
(must specify)	10 hp 1 ph (7.46 kW) 220v
Dimensions	L-83" (211 cm)
	W-38-1/2" (98 cm)
	H-76-1/2" (194.5 cm)
Shipping Weight (may vary)	6,204 lbs. (2,814 kg)





	ties and Specifications 5 Mild Steel / 65,000 PSI Tensile
Punching Capacity	150 ton (136 mt)
	1-7/8" in 1" (47 mm in 25 mm)
	2-1/2" in 3/4" (64 mm in 19 mm)
Special Tooling	4" (102 mm) Max. Dia.
Throat Depth	· · · · ·
-	12" (305 mm)
Flat Bar Shear (sabre blade-std.)	24" Length (610 mm)
	1" x 14" (25 x 356 mm)
	3/4" x 24" (19 x 610 mm)
Angle Shear 90°	6" x 6" x 1/2" (152 x 152 x 12 mm)
Angle Shear 45°	
w/Tool	3" x 3" x 3/8" (76 x 76 x 10 mm)
w/Bar Shear	4" x 4" x 1/2" (102 x 102 x 12 mm)
Brake 12"	90 ton (81.6 mt)
Brake 24"	70 ton (63.5 mt)
Open End Brake	Max. 1/4" x 5" (6 x 127 mm)
-	[Flat or Angle Iron]
Pipe Notcher Schedule 40	3/4", 1", 1-1/4", 1-1/2", 2"
Rectangle Notcher	3" x 5-3/4" x 1/2" (76 x 146 x 12 mm)
90° V-Notcher	6" x 6" x 5/16" (152 x 152 x 8 mm)
	3" x 3" x 1/2" (76 x 76 x 12 mm)
Notching in Leg of Channel	6" to 10" (152 mm to 254 mm)
Channel Shear	2" to 6" adj. (51 mm to 152 mm adj.)
Unistrut Shear	Samples Required
Rod Shear	Samples Required
Round (max.)	9 Cavity, 1/4" to 1-1/4" (6 mm to 32 mm)
Rod Shear Square (max.)	1 Cavity, 1/4" to 1" (6 mm to 25 mm)
Square Tube Shear	1/2" to 2" (12 mm to 51 mm) 12 gauge (0.105" / 2.7 mm)
Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)
	16 gauge (0.06" / 1.5 mm)
Weld Coupon Bender	2" wide x 3/8"
(max.)	(51 mm x 10 mm)
Offset Die Holder	Max. 40 ton (36 mt)
Strokes per minute in light material	44 spm (1/4" stroke) [Punch Station]
Strokes per minute in heavy material	17 spm (3/4" stroke) [Punch Station]
Hydraulics	3,500/3,500 psi (241/241 bar)
Motor Options (must specify)	10 hp 3 ph (7.46 kW) 208/230/460, 380/579
	10 hp 1 ph (7.46 kW) 220v
Dimensions	L-83" (211 cm)
	W-38-1/2" (98 cm)
	H-77-1/4" (196.5 cm)
Shipping Weight (may vary)	6,404 lbs. (2,905 kg)



STANDARD FEATURES

DUAL OPERATOR

Scotchman

OPERA

5 STATIONS

- Dual operator allows for two operators to work at the same time at full capacity
- 150 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die Holder complete with a 2" die insert

- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Jog control
- Two electric remote foot pedals
- Two adjustable electric stroke controls with scale
- Tandem hydraulic pump
- Two valves
- Angle shear
- Rectangle notcher with table, scale and guides
- Flat bar shear with sabre blade
- Shear table with miter fence
- 24" Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

Ironworker Optional Tooling

П

		PF 45	50514-EC	5014-ET	6509	D070	D085	F185	9012	DO95	12012	DO120	D0135	DO150
Α	6" Brake	۲	۲	۲										
В	8" Brake	۲	۲	۲										
с	12" Brake	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
D	24" Brake				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
E	Open End Brake	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
F	Pipe Notcher	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
G	Rectangle Notcher	۲			۲				۲		۲			
н	90° V-Notcher	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
1	Square Tube Shear	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
J	Rod Shear	۲	۲	۲	۲	۲			۲	۲	۲	۲	۲	۲
К	Unistrut Shear	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
L	Weld Coupon Bender	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
м	Picket Tool	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
Ν	Channel Shear				۲	۲		۲	۲	۲	۲	۲	۲	۲
0	Channel Shear Blades						۲							
Р	6"x 6" Die Holder				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
Q	Offset Die Holder				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
R	Urethane Stripper				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
S	Hydraulic Hold Down				۲			۲	۲		۲	۲	۲	۲
т	4" Angle Iron Miter Guide		۲	۲										
U	6" Angle Iron Miter Guide				۲	۲			۲	۲	۲	۲	۲	۲
v	Optional Punch for Notcher End						۲							
w	Open End Brake for Notcher End						۲							
х	30" Material Stop	۲												
Y	48" Back Gauge		۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
z	Brake Table w/ scale & squaring arm 12"	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
z	Brake Table w/ scale & squaring arm 24"				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
z	Brake Length Gauge w/ scale 8"	۲	۲	۲										
z	Brake Length Gauge w/ scale 12"	۲	۲	۲	۲	۲			۲	۲	۲	۲	۲	۲
z	Brake Length Gauge w/ scale 24"				۲	۲			۲	۲	۲	۲	۲	۲
AA	Shear Table w/ Miter Fence		۲	۲										
вв	Punch Gauging Table w/ Fence & Scale		۲	۲										
сс	Unequal Leg Blades for Angle Shear				۲	۲			۲	۲	۲	۲	۲	۲
DD	Multi-Loc Punch Gauging Extension: 36" & 85"				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
EE	Punch Table Extension				۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
FF	Tool table extension with punch & die drawer		۲	۲	۲	۲			۲	۲	۲	۲	۲	۲
GG	Laser Light (Shear)		۲	۲	۲	۲		۲	۲	۲	۲	۲	۲	۲
нн	LED Lights	(P)	(P, S, N)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)	(P&S)
н	LG Measuring Device		۲	۲	۲	۲			۲	۲	۲	۲	۲	۲
IJ	24" x 5' Conveyor w/ angle iron support		۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲
	Jog Control (Not Pictured)		۲	۲	Std.									

Punch

Ironworker Optional Tooling



Custom Tooling

CUSTOMIZED TOOLING FOR A CUSTOM SOLUTION.

SOMETIMES, A UNIQUE APPLICATION REQUIRES A CUSTOM-BUILT SOLUTION.

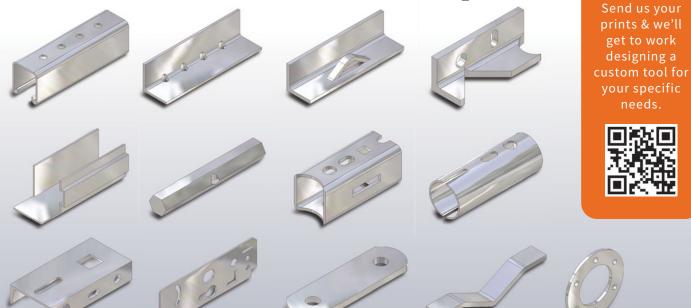
If you need something beyond the standard tooling we offer, our team of engineers is equipped to design and build a tailored solution built to your specifications.

From our plant in Philip, South Dakota, each step of this process from design and development to completion is done in-house.

We thoroughly test each tool to verify performance and ensure value for your investment. With quality manufactured into every tool, we assure that our tools will stand up to the tough demands of your applications.



Examples of Special Applications We've Built Tooling For



23

In-Stock Punches & Dies

#20 & #40 Rounds	Round	Metric	Round Offset	C	vals	Squares	Hexagon
1/8 11/16	5 mm	19 mm	Dies	1/4 x 1/2	3/4 x 1	1/4	7/16
5/32 23/32	6 mm	20 mm	9/32	9/32 x 1/2	25/32 x 1	9/32	1/2
3/16 3/4	7 mm	21 mm	5/16	1/4 x 3/4	13/16 x 1	5/16	11/16
13/64 25/32	8 mm	22 mm	11/32	9/32 x 3/4	7/8 x 1	11/32	3/4
7/32 13/16	9 mm	23 mm	3/8	5/16 x 3/4	15/16 x 1	3/8	Courses
1/4 27/32	10 mm	24 mm	13/32	11/32 x 3/4	1/4 x 1-1/4	13/32	Corner Turning
17/64 7/8	11 mm	25 mm	7/16	3/8 x 3/4	9/32 x 1-1/4	7/16	1/2
9/32 29/32	12 mm	26 mm	15/32	13/32 x 3/4	5/16 x 1-1/4	15/32	3/4
5/16 15/16	13 mm	27 mm	1/2	7/16 x 3/4	11/32 x 1-1/4	1/2	
11/32 31/32	14 mm	28 mm	17/32	15/32 x 3/4	3/8 x 1-1/4	17/32	Trimming & Cut Off
3/8 1	15 mm	29 mm	9/16	1/2 x 3/4	13/32 x 1-1/4	9/16	3/4
13/32 1-1/32	16 mm	30 mm	19/32	17/32 x 3/4	7/16 x 1-1/4	19/32	1
7/16 1-1/16	17 mm	31 mm	#45 Round	9/16 x 3/4	15/32 x 1-1/4	5/8	
15/32 1-3/32	18 mm	32 mm	Punches	19/32 x 3/4	1/2 x 1-1/4	21/32	
1/2 1-1/8	#49 Roun	Dunchas	1-9/32	5/8 x 3/4	17/32 x 1-1/4	11/16	
17/32 1-5/32			1-5/16	1/4 x 1	9/16 x 1-1/4	23/32	
9/16 1-3/16	1-5/8	1-7/8	1-11/32	9/32 x 1	19/32 x 1-1/4	3/4	
19/32 1-7/32	1-11/16	1-15/16	1-3/8	5/16 x 1	5/8 x 1-1/4	25/32	
5/8 1-1/4	1-3/4	2	1-13/32	11/32 x 1	21/32 x 1-1/4	13/16	
21/32	1-13/16		1-7/16	3/8 x 1	11/16 x 1-1/4	27/32	
	-		1-15/32	13/32 x 1	23/32 x 1-1/4	7/8	
			1-1/2	7/16 x 1	3/4 x 1-1/4	29/32	
			1-17/32	15/32 x 1	25/32 x 1-1/4	15/16	
			1-9/16	1/2 × 1	13/16 x 1-1/4	31/32	
			Split Ring	17/32 x 1	7/8 x 1-1/4	1	
			Round	9/16 x 1	15/16 x 1-1/4	1-1/32	
			1-5/8	19/32 x 1	7/16 x 1-1/2		
	SV		1-3/4	5/8 x 1	9/16 x 1-1/2		
	UA		2	21/32 x 1	11/16 x 1-1/2		
			2-1/4	11/16 x 1	13/16 x 1-1/2		
			2-1/2	23/32 x 1	15/16 x 1-1/2		
			2-3/4				
· · · · · · · · · · · · · · · · · · ·			3				
- 1.00 -						1	- 2.00 -
					- 2.25 -		2.00
	- 1.38 -	_	1.69			_ ł	
0.56			0.25	2.07		i i	
		1		2.06 -			
3.38 1	22	1	.53 - 2.69		3	.38	3.56
	2.50		2.09			_2	
	•						
#20 Punch	#40 Punch		#45 Punch		#49 Punch	S	plit Ring Punch 1-5/8" Thru 3"
1/8" Thru 1-1/4"	1/8" Thru 1-1/4' 5 mm Thru 32 mi	1	-9/32" Thru 1-9/16	" 1	2012, D0120, D013 00150 Machine Or 1-5/8" Thru 2"	35,	1-5/8" Thru 3"
5 1111 1110 52 11111	5 mm mru 32 m			L	1-5/8" Thru 2"	пу	
			22				
~ ₽.22	F R 22		.22				
	R.22			R.22			
	R.22		.22	- R.22	1.25		
0.88	0	6		0		0.53	<u>_</u>
	R.22	2.50 —		R.22		0.53 6.50	<u>_</u>
	0	6		0			

Production Shear

Scotchmon

Designed with the high production end-user in mind, this machine combines a large capacity and fast cycle times turning it into a high production shear.

Roller Conveyor optional

1

STANDARD FEATURES

- 24" flat bar shear with 4-way reversible blades
- Shear table with miter fence

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- Hydraulic hold-down
- Electric back gauge
- Electric stroke control
- Electric foot pedal
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA

OPTIONAL EQUIPMENT

- LED Lights
- 10hp, 1ph Motor
- Infeed Conveyor (24" x 5')

SHEARMASTER 610

Capacities and Specifications Rated On: A36 Mild Steel / 65,000 PSI Tensile				
Shearing Capacity	1" x 12" (25 x 305 mm) 3/4" x 16" (19 x 406 mm) 1/2" x 24" (12 x 610 mm)			
Strokes Per Minute	Full stroke—10, Half stroke—17			
Motor Options (must specify)	10 hp (7.46 kW) 3ph, 230/460v 1ph, 220v			
Length	49" (124.5 cm)			
Width	37-3/4" (96 cm)			
Height	70" (178 cm)			
Shipping Weight (may vary)	3,065 lbs. (1,390 kg)			



Utility Band Saw



For larger material that requires a band saw, this scaled-down but rugged horizontal band saw can easily cut through round material up to 8" diameter, & features a swing head that can miter 60° right of 90°, giving you a 30° cut part without material movement.



SU-280 G

SPECIFICATIONS				
Blade Length	1" x 96"			
Two Cutting Speeds	131/262 FPM (3 phase machines)			
One Cutting Speed	196 FPM (1 phase machines)			
Motor Options (must specify)	1.3 hp (1kW) 3ph, 230/460v 1ph, 220v			
Width	33-1/2" (85 cm)			
Depth	55" (140 cm)			
Height	69" (175 cm)			
Shipping Weight (may vary)	650 lbs. (295 kg)			



STANDARD FEATURES

- Quick action locking vise
- Miter Capability 60° right of 90°
- Blade trigger switch
- · Gravity feed with adjustable down-feed pressure
- Blade tension gauge
- Carbide blade guides with roller supports
- · Re-circulating coolant system
- Band door interlocks
- One saw blade
- One gallon coolant
- Meets CE standards
- Three-year warranty on parts
- Made in Spain

OPTIONAL EQUIPMENT

- Conveyor (10' and 20')
- Manual or digital measuring system (see pages 43-44)

MAXIMUM CAPACITIES					
Tubing	90 Degree	45 Degree	60 Degree		
Round	8" (203 mm)	7" (178 mm)	4-1/4" (108 mm)		
Square	8" (203 mm)	6-1/4" (159 mm)	4" (102 mm)		
Rectangle	11" x 7-3/4" (279 x 197 mm)	7" x 6-1/4" (178 x 159 mm)	4-1/4" x 4" (108 x 102 mm)		

Cold Saws



Manual to Fully Automatic Circular Cold Saws For Ferrous & Non-Ferrous Materials

A Circular Cold Cut Saw is the best machine for cutting ferrous and non-ferrous metals. For mild steel and other ferrous materials, this unique type of cutting turns the blade at a very low RPM, similar to a milling process, giving a FAST, precise, burr-free cut without heat or sparks. The Scotchman Cold Saw line is complete with both ferrous and non-ferrous models, manual to fully automatic, and is capable of cutting straight or angled cuts.

Scotchman also offers a complete selection of cold saw blades in stock for immediate delivery. Our in-house blade sharpening service provides high-quality and consistent results with a quick turnaround time.

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MANUAL TO SEMI-AUTOMATIC

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Scatchman

AND VOLTS

6

CPO 350 SERIES	
PIVOT STYLE SAW	29-30
CPO 275 SERIES	
PIVOT STYLE SAW	31
OPTIONS AND ACCESSORIES	
FOR CPO 350 & 275	32
AUTOMATIC	
HITCH FEED AUTOMATIC (HFA)	
PIVOT STYLE 90° SAW	33-34
ROLLER FEED AUTOMATIC (RFA)	
PIVOT STYLE 90° SAW	35
AUTOLOADER	
PIVOT STYLE AUTOMATIC SAW	36
SUP SERIES – (500 & 600)	
UPCUT STYLE MITER SAW	37-38
GAA SERIES – (500 & 600)	
UPCUT STYLE 90° SAW	39-40
SAW BLADES, OPTIONAL FOUIPMENT & SERVICES	41-42

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Scatchman

57/

Scatchmen

Cold Saws CP0 350 Series

CP0 350

MANUAL SAW

- Manual clamp for material vise
- Operator controlled trigger switch

CPO 350 PK

MANUAL SAW W/POWER CLAMP

- Air-operated clamp for material vise
- Operator controlled trigger switch

CPO 350 PKPD

SEMI-AUTOMATIC SAW

• Air-operated clamp for material vise

and the

- Pneumatic power down feed with electric controls
- Emergency stop button







SPECIFICATIONS

Motor Options (must specify)	LT & HT- 208/230/460/575v, 3ph; 220v, 1ph VS- 230/460v, 3ph; 220v, 1ph SS- 220v, 1ph
Air Pressure	90 psi (PK and PKPD. N/A on CPO 350)
Maximum Diameter Blade	350 mm
Arbor Bore	40 mm
Pin Spacing	4/12/64
Width	21-7/8" (55.5 cm)
Depth	43-1/2" (110.5 cm)
Height (not incl. feed handle)	56-1/4" (143 cm)
Height (floor to vise)	36.8" (93.47 cm)
Shipping Weight (may vary)	CPO 350 660 lbs. (299 kg) CPO 350 PK: 690 lbs. (313 kg) CPO 350 PKPD: 760 lbs. (345 kg)

CUTTING SPEEDS (must specify)	
LT (Low Turn) designed for solid mild & stainless steel, & thick wall pipe.	LT 22/44 rpm, 3hp (2.24 kW)
HT (High Turn) designed for thin wall tube 0.060 wall thickness or thinner and non-ferrous material	HT 44/88 rpm , 3hp (2.24 kW)
VS (Variable Speed)	VS 11 to 177 rpm, 5hp (3.73 kW)
SS (Single Speed)	SS 44 rpm, 3hp (2.24 kW)

STANDARD FEATURES

- Double self-centering vise assures burr-free cuts
- Miter capabilities 45° left to 45° right
- Miter locking device: quick, accurate setting-stops at 45° left, 90° & 45° right
- Capable of slotting
- Two cutting speeds
- Double reduction, hardened bronze gears

- Chip drawer
- Seven-gallon flood coolant tank with pump
- One HSS blade
- One gallon coolant
- Complies with ANSI B 11.10 safety standards
- Three-year warranty on parts
- Made in USA

MAXIMUM CAPACITIES (with a 350 mm blade)		
Tubing	90 Degree	45 Degree
Round	4-1/2" (114 mm)	4" (102 mm)
Square	4-1/4" x 4-1/4" (108 x 108 mm)	3-3/4" x 3-3/4" (95 x 95 mm)
Rectangle 5-1/2" x 4" (140 x 102 mm) 3-3/4" x 3-3/4" (95 x		3-3/4" x 3-3/4" (95 x 95 mm)
Solid 90 Degree 45 Degree		45 Degree
Round	1-3/4" (44 mm)	1-1/2" (38 mm)
Square	1-3/4" x 1-3/4" (44 x 44 mm)	1-1/2" x 1-1/2" (38 x 38 mm)





Cold Saws CP0 350 NF Series Aluminum, Non-Ferrous Metals & Plastic Cutting

CPO 350 NF

MANUAL SAW

- Manual clamp for material vise
- Operator controlled trigger switch

CPO 350 NF PK

MANUAL SAW W/POWER CLAMP

- Air-operated clamp for material vise
- Operator controlled trigger switch

CPO 350 NF PKPD

SEMI-AUTOMATIC SAW

- Air-operated clamp for material vise
- Pneumatic power down feed with electric controls
- Emergency stop button





STANDARD FEATURES

- Double self-centering vise assures burr-free cuts
- Miter capabilities 45° left to 45° right
- Miter locking device: quick, accurate setting-stops at 45° left, 90°, & 45° right
- Capable of slotting
- Positive-driven cogged belt system
- Chip drawer

- Mist coolant lubrication system
- One carbide tipped blade
- One gallon coolant
- Complies with ANSI B 11.10 safety standards
- Three-year warranty on parts
- Made in USA

SPECIFICATIONS

Motor Options (must specify)	208/230/460v, 3ph
Air Pressure	90 psi
Maximum Diameter Blade	350 mm
Arbor Bore	40 mm
Pin Spacing	4/12/64
Width	21-7/8" (55.5 cm)
Depth	43-1/2" (110.5 cm)
Height (not incl. feed handle)	56-1/4" (143 cm)
Height (floor to vise)	36.8" (93.47 cm)
Shipping Weight (may vary)	CPO 350 NF: 625 lbs. (283 kg) CPO 350 NF/PK: 655 lbs. (297 kg) CPO 350 NF PK/PD: 725 lbs. (329 kg)

	MAXIMUM CAPACITIES (with a 350 mm blade)	
Tubing	90 Degree	45 Degree
Round	4-1/2" (114 mm)	4-1/4" (108 mm)
Square	4-1/4" x 4-1/4" (108 x 108 mm)	4" x 4" (102 x 102 mm)
Rectangle	5-1/2" x 4" (140 x 102 mm)	4" x 4" (102 x 102 mm)
Solid	90 Degree	45 Degree
Round	3" (76 mm)	2-1/2" (64 mm)
Square	3" x 3" (76 x 76 mm)	2-1/2" x 2-1/2" (64 x 64 mm)

CUTTING SPEEDS	
Non-Ferrous Cutting Speeds	3,000 rpm, 5 hp (1.49 kW)



Cold Saws cpo 275 Series

CPO 275

MANUAL SAW

- Manual clamp for material vise
- Operator controlled trigger switch

CPO 275 PK

MANUAL SAW W/ POWER CLAMP

- Air-operated clamp for material vise
- Operator controlled trigger switch

CPO 275 PKPD

SEMI-AUTOMATIC SAW

• Air-operated clamp for material vise

in the

- Pneumatic power down feed with electric controls
- Emergency stop button







SPECIFICATIONS

Motor Options (must specify)	LT &HT: 208/230/460/575v, 3ph SS: 220v, 1ph
Air Pressure	90 psi (PK and PKPD Only, n/a on CPO 275)
Maximum Diameter Blade	275 mm
Arbor Bore	32 mm
Pin Spacing	2/8/45
Width	21-7/8" (55.5 cm)
Depth	43-1/2" (110.5 cm)
Height (not incl. feed handle)	53-1/4" (135 cm)
Height (floor to vise)	36-1/8" (92 cm)
Shipping Weight (may vary)	CPO 275: 550 lbs. (249 kg) CPO 275 PK: 580 lbs. (263 kg) CPO 275 PKPD: 670 lbs. (304 kg)

CUTTING SPEEDS (must specify)	
LT (Low Turn) designed for solid mild & stainless steel, & thick wall pipe.	LT 30/60 rpm, 2hp (1.49 kW)
HT (High Turn) designed for thin wall tube 0.060 wall thickness or thinner and non-ferrous material	HT 60/120 rpm, 1.5hp (1.12 kW)
SS (Single Speed)	SS 60 rpm, 2hp (1.49 kW)



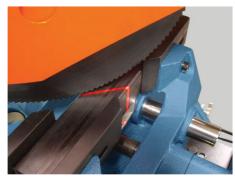


STANDARD FEATURES

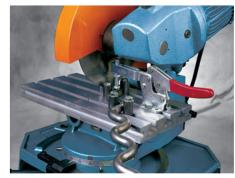
- Double self-centering vise assures burr-free cuts
- Miter locking device stops 45° left, 90° and 45° right (Not available on PK or PKPD models)
- Capable of slotting
- Two cutting speeds
- Double reduction, hardened bronze gears
- Chip drawer
- Seven-gallon flood coolant tank with pump
- One HSS blade
- One gallon coolant
- Complies with ANSI B 11.10 safety standards
- Three-year warranty on parts
- Made in USA

MAXIMUM CAPACITIES (with a 275 mm blade)		
Tubing	90 Degree	45 Degree
Round	3-3/8" (86 mm)	2" (51 mm)
Square	3" x 3" (76 x 76 mm)	2" x 2" (51 x 51 mm)
Rectangle	3" x 2-3/8" (76 x 60 mm)	2" x 2" (51 x 51 mm)
Solid	90 Degree	45 Degree
Round	1-1/2" (38 mm)	1" (25 mm)
Square	1-1/2" x 1-1/2" (38 x 38 mm)	1" x 1" (25 x 25 mm)

Cold Saw Options



Blade Guide Laser Light (Not Available on 275 series)



Universal Clamping Fixture



Square Tube/Diagonal Vise Jaws (Not Available on NF series)



Variable Speed Control (Not Available on NF or 275 series) Recommended for cutting multiple shapes, sizes, and thicknesses. RPM can be fine-tuned to achieve optimum blade speed for each application and extend blade life.

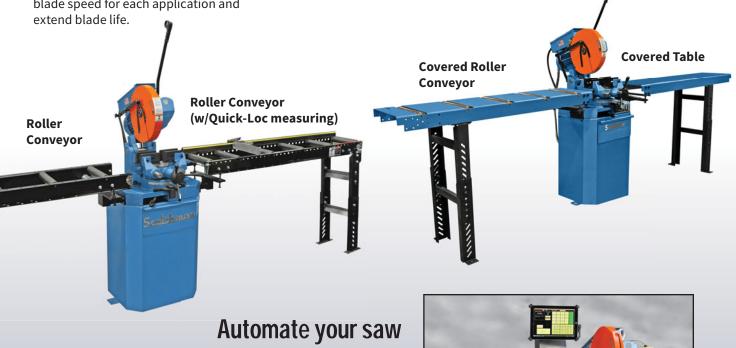


Miter Locking Device Standard Feature

(not available for 275 PK or 275 PKPD models)



Saw Blades (See page 41)



Measuring devices available from manual to fully automatic. (See pages 43-46)



Hitch Feed Automatic



Ideal for high volume and short length applications that require very accurate and clean cuts; this Hitch Feed Automatic (HFA) cold saw is fully automatic and provides uninterrupted cutting on tubing or solids. and the

STANDARD FEATURES

- Available in ferrous & non-ferrous
 Length scale in both inches
- Fully automatic cycle
- Push button controls
- Interlocking safety hood
- Emergency stop button
- Clamping both sides of blade highest quality, burr-free cuts
- Blade guides for accurate
- tolerances (ferrous model)
- Mist coolant lubrication system
- Adjustable stroke control
- Adjustable down feed control on the saw head for feed rate

- Length scale in both inches and metric
- Quick and easy fine adjustment of length setting
- 30" single length shuttle
- Three shuttle max
- Piece counter
- One saw blade
- One gallon coolant
- Complies with ANSI B 11.10 safety standards
- Two-year warranty on parts
- Made in USA

CPO 315 HFA

SPECIFICATIONS		
Length Tolerance	±0.006" per index	
Squareness Tolerance	±0.002" per diameter inch	
Minimum Cut Length	1/8" (3 mm)	
Maximum Cut Length	Single Index 30" Double Index 60" Triple Index 90"	
Motor Options (must specify)	208/230/460v, 3ph	
Air Pressure	90 psi	
Maximum Diameter Blade	315 mm	
Arbor Bore Size	40 mm	
Pin Spacing	4/12/64	
Length	100" (254 cm)	
Width	44" (112 cm)	
Height	64" (162.5 cm)	
Shipping Weight (may vary)	1,800 lbs. (816.5 kg)	

OPTIONAL EQUIPMENT

- Flood coolant
- Form jaws for multiple tubes
- Digital read-out for quick easy length setting
- Ten-foot or twenty-foot material supply track



CUTTING SPEEDS

(Ferrous)	5 hp (3.73 kW)
CPO 315 HFA NF (Non-Ferrous)	3,000 rpm 5 hp (3.73 kW)

MAXIMUM CAPACITIES

(with a 315 mm blade) Tubing Round 3-1/2" (≤ 89 mm) Square 3" x 3" (≤ 76 x 76 mm) Solid Round 1-3/4" (≤45 mm) Square 1-1/2" x 1-1/2" (≤ 38 x 38 mm) Solid (NF Models) Round 3-1/2" (≤89 mm) Square 3" x 3" (≤ 76 x 76 mm)

33

COLD SAWS

Hitch Feed Automatic CNC



This fully automatic CNC saw allows for unlimited length settings; plus, the first piece cut is *always* accurate.

Easily program a quantity of pieces cut to a specific length OR program up to four separate lengths & part quantities to be cut in sequence.

STANDARD FEATURES

- Fully automatic cycle
- Touch screen controls
- Precision CNC controlled
- Interlocking safety hood
- Emergency stop button
- Clamping both sides of blade -. highest quality, burr-free cuts
- Blade guides for accurate . tolerances (ferrous model)
- Mist coolant lubrication system
- Adjustable stroke control
- Adjustable down feed control on the saw head for feed rate

- Available in ferrous & non-ferrous Adjustable indexing feed speeds
 - Program up to four separate cut lengths in each job
 - 100 program job storage
 - 30" single length shuttle
 - Unlimited shuttles
 - Piece counter
 - One saw blade
 - One gallon coolant
 - Complies with ANSI B 11.10 safety standards
 - Two-year warranty on parts

Made in USA

CPO 315 HFA CNC

SPECIFICATIONS	
Length Tolerance	±0.006" per index
Squareness Tolerance	±0.002" per diameter inch
Minimum Cut Length	1/8" (3 mm)
Maximum Cut Length	unlimited
Motor Options (must specify)	208/230/460v, 3ph
Air Pressure	90 psi
Maximum Diameter Blade	315 mm
Arbor Bore Size	40 mm
Pin Spacing	4/12/64
Length	100" (254 cm)
Width	44" (112 cm)
Height	64" (162.5 cm)
Shipping Weight (may vary)	1,800 lbs. (816.5 kg)

OPTIONAL EQUIPMENT

- Flood coolant
- Form jaws for multiple tubes
- Ten-foot or twenty-foot material supply track



CUTTING SPEEDS		
CPO 315 HFA	Variable Speed 11 to 177	
(Ferrous)	5 hp (3.73 kW)	

CPO 315 HFA	Variable Speed 11 to 177 rpm
(Ferrous)	5 hp (3.73 kW)
CPO 315 HFA NF	3,000 rpm
(Non-Ferrous)	5 hp (3.73 kW)

MAXIMUM CAPACITIES

(with a 315 mm blade)

Tubing			
Round	3-1/2" (≤ 89 mm)		
Square	3" x 3" (≤ 76 x 76 mm)		
Solid			
Round	1-3/4" (≤45 mm)		
Square	1-1/2" x 1-1/2" (≤ 38 x 38 mm)		
Solid (NF Models)			
Round	3-1/2" (≤ 89 mm)		
Square	3" x 3" (≤ 76 x 76 mm)		

Roller Feed Automatic CPO 315 RFA

Ideal for high volume and long length applications that require very accurate and clean cuts; this Roller Feed Automatic (RFA) cold saw is fully automatic, can store profile settings such as speeds and feeds, and is designed to your specifications.

STANDARD FEATURES

- Available in ferrous and non-ferrous
- Fully automatic cycle
- Touch screen controls
- Interlocking safety hood
- Emergency stop button
- · Automatic loading and trim cut of each new bar
- Automatic tube ejection
- Trim and remnant gate
- Clamping both sides of blade highest quality, burr-free cuts
- Blade guides for accurate tolerances (ferrous model)
- Adjustable stroke control on the saw head
- Adjustable downfeed control on saw head for feed rate
- Length scale in both inches and metric
- Digital read-out for quick and easy fine adjustment of length setting
- Piece counter
- Mist coolant lubrication system
- One saw blade
- One gallon coolant
- Complies with ANSI B 11.10 safety standards
- Two-year warranty on parts
- Made in USA

OPTIONAL EQUIPMENT

- In-line deburring unit
- Flood coolant
- Longer cut lengths 90" or 120"
- Bundle loader magazine



MAXIMUM CAPACITIES (with a 315 mm blade)

Tubing		
Round	3" (76 mm)	
Square	2-1/2" x 2-1/2" (64 x 64 mm)	
Solid		
Round	1-3/4" (44 mm)	
Square	1-1/2" x 1-1/2" (38 x 38 mm)	
Solid (NF Models)		
Round	3" (76 mm)	
Square	2-1/2" x 2-1/2" (64 x 64 mm)	

Optional Bundle Loading Magazine

SPECIFICATIONS

(RFA shown with Supply Table)

Length Tolerance		±0.006" repeatability
Squareness Tolerance		±0.002" per diameter inch
Minimum Cut Length		1-1/4" (32 mm)
Maximum Cut Length		60" (90" or 120" available)
Minimum Trim Cut		1" (25 mm)
Motor Options (must specify)		208/230/460v, 3ph
Air Pressure		90 psi
Maximum Diamater Blade		315 mm
Arbor Bore Size		40 mm
Pin Spacing		4/12/64
12' Supply Table (ST)	Maximum Raw Stock (12' ST)	12'
	Load Table Capacity	24"
	Dimensions - 12' ST w/60" Saw	(L) 240" (W) 48" (H) 60"
24' Supply Table (ST)	Maximum Raw Stock (24' ST)	24'
	Load Table Capacity	24"
	Dimensions - 24' ST w/60" Saw	(L) 380" (W) 48" (H) 60"
Bundle Loader (BL)	Maximum Raw Stock (BL)	Up to 24'
	Load Table Capacity	4,000 lbs
	Dimensions - 24' BL w/60" Saw	(L) 384" (W) 93" (H) 60"

CPO 315 RFA/ST (Ferrous) Variable Speed 11 to 177 rpm 5 hp (3.73 kW) CPO 315 RFA/ST NF (Non-Ferrous) 3,000 rpm 5 hp (3.73 kW)

CPO 350 AutoLoader

The CPO 350 AutoLoader is a fully automatic sawing system guaranteed to save time, eliminate costly mistakes, and deliver consistent results for years to come. Quick set-up, automatic part length change, and the fast reloading of material adds efficiency.



STANDARD FEATURES

- Available in ferrous and non-ferrous
- Fully automatic cycle or semi-automatic operation
- Pneumatic power down feed with electric controls
- Adjustable stroke control
- Adjustable down feed control on saw head for feed rate
- Air operated material vise clamp
- Clamping on both sides of the blade
- · Fixed rear vise
- Double reduction, hardened bronze gears (ferrous model)
- · Chip drawer
- Emergency stop button
- Clear awareness barrier with safety interlock switch
- Mist coolant lubrication system
- Material feed direction can be either: $R \rightarrow L \text{ or } L \rightarrow R \text{ (must specify)}$
- Miter in only one direction (manually)
- Semi-auto operation is standard for cutting miters
- Automatic loading & trim cut of each new bar
- Piece counter
- Touch screen controls
- Windows[®] based software (Includes profile screen)
- Unlimited job storage
- One saw blade
- One gallon coolant
- Complies with ANSI B 11.10 safety standards
- Two-year warranty on parts (Saw)
- One-year warranty on parts (Feed system)
- Made in USA

OPTIONAL EQUIPMENT

- Bundle loader magazine (see page 35)
- Flood coolant

MAXIMUM CAPACITIES (with a 350 mm blade)		
Tubing	90 Degree	45 Degree
Round	3" (76 mm)	2" (51 mm)
Square	3" (76 mm)	2" (51 mm)
Solid	90 Degree	45 Degree
Round	1-3/4" (45 mm)	1-1/2" (38 mm)
Solid (NF)	90 Degree	45 Degree
Round	3" (76 mm)	2" (51 mm)
Square	3" (76 mm)	2" (51 mm)



AutoLoader Supply Table

SPECIFICATIONS

Length Tolerance		±0.015" repeatability
Squareness	Tolerance	±0.002" per diameter inch
Minimum Cu	ut Length	1/2" (12 mm)
Maximum C	ut Length	23' 9" (724 cm)
Motor Optio	ons (must specify)	208/230/460v, 3ph
Air Pressure	2	90 psi
Maximum D	iameter Blade	350 mm
Arbor Bore Size		40 mm
Pin Spacing		4/12/64
12' Supply	Maximum Raw Stock (12' ST)	12'
Table (ST)	Load Table Capacity	24"
	Dimensions - 12' ST w/Saw	(L) 236" (W) 47" (H) 68"
24' Supply	Maximum Raw Stock (24' ST)	24'
Table (ST)	Load Table Capacity	24"
	Dimensions - 24' ST w/Saw	(L) 377" (W) 47" (H) 68"

CUTTING SPEEDS	
CPO 350	Variable Speed 11 to 177 rpm
(Ferrous)	5 hp (3.73 kW)
CPO 350 NF	3,000 rpm
(Non-Ferrous)	5 hp (3.73 kW)



Upcut Miter sup Series

Large capacity precision mitering upcut saw for aluminum, non-ferrous metals, and plastic cutting. Available in 20" or 24" blade models.



STANDARD FEATURES

- Non-Ferrous saw
- Miter capabilities with fixed stops at 22.5°, 45°, 90°, 135°, and 157.5°
- Safety hood with safety interlock switch •
- Power hood (SUP-600 NF model)
- Blade door with safety interlock switch
- Dual palm buttons
- Adjustable feed rate on saw head
- Two horizontal pneumatic clamps
- Two vertical pneumatic clamps
- Capable of slotting



- Moveable back fence for larger capacity
- One gallon coolant
- Mist lubrication system
- One carbide tipped blade
- Air hose
- Chip collection drawer in base and 4-3/4" chip collection port
- Adjustable leveling pads
- Meets CE standards
- Three-year warranty on parts
- Made in Spain

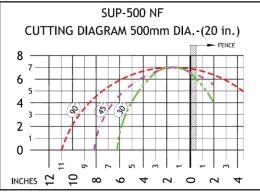
SUP-500 NF 3,000 rpm 5.5 hp (4.1 kW) SUP-600 NF 3,000 rpm 5.5 hp (4.1 kW)

> Manual to Full-Auto Feed Systems Available. (See pages 43-46)

SUP-500 NF

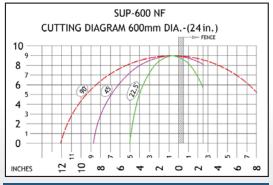
and the

(With a 500 mm Dia Blade)		
	90 Degree	45 Degree
Round	7" (178 mm)	7" (178 mm)
Square	6" (152 mm)	4-3/4" (121 mm)
Rectangle 7-3/4" x 5" (197 x 127 mm) *FS 12" x 4" (305 x 102 mm) *FB 5-3/4" x 4-3/4" (146 x 121 mm)		



SUP-600 NF

(With a 600 mm Dia Blade)		
90 Degree 45 Degree		
Round 9" (229 mm) 9" (229 mm)		9" (229 mm)
Square	8" (203 mm)	7" (178 mm)
Rectangle	8-1/2" x 6" (216 x 152 mm) *FS 15" x 6" (381 x 152 mm) *FB	10" x 4" (254 x 102 mm)



SPECIFICATIONS

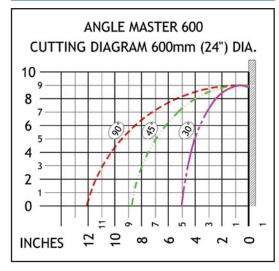
	SUP-500	SUP-600
Motor Options (must specify)	230/46	60v, 3ph
Air Pressure	90	psi
Maximum Diameter Blade	500 mm	600 mm
Arbor Bore	50 mm	50 mm
Width	42" (107 cm)	49-1/4" (126 cm)
Depth	45-3/8" (115 cm)	54-1/2" (139 cm)
Height (top of the hood)	60-1/4" (153 cm)	64-3/8" (164 cm)
Height (floor to table)	38-5/8" (98 cm)	
Shipping Weight (may vary)	1,200 lbs. (545 kg)	1,465 lbs. (665 kg)

*FS = Fence Standard *FB = Fence Back All specs are fence back, unless otherwise noted.

AngleMaster Upcut Miter

SUP-600 AngleMaster

MAXIMUM CAPACITIES (With a 600 mm Dia Blade)		
90 Degree 45 Degree		45 Degree
Round	8" (203 mm)	7" (178 mm)
Square	7" (178 mm)	6" (152 mm)
Rectangle	9" x 5" (229 x 127 mm)	7" x 4-3/4" (178 x 121 mm)



SPECIFICATIONS		
SUP-600		
Motor Options (must specify)	230/460v, 3ph	
Air Pressure	90 psi	
Maximum Diameter Blade 600 mm		
Arbor Bore	50 mm	
Width	49-1/4" (126 cm)	
Depth	54-1/2" (139 cm)	
Height (top of the hood)	64-3/8⁼ (164 cm)	
Height (floor to table)	38-5/8" (98 cm)	

CUTTING SPEEDS	
SUP-600 NF	3,000 rpm 5.5 hp (3.73 kW)

Large capacity upcut saw for aluminum, plastic, and non-ferrous metals. Combines an automatic mitering ability with a programmable feed.



This precision semi-automatic programmable sawing system automatically rotates to cut any angle, pushes material into the saw, then automatically rotates to the next desired angle.

STANDARD FEATURES

- Non-ferrous saw
- Semi automatic operation
- Mitering degree range 22° to 159°
- Feed length available 10' to 30'
- Right-to-Left feed only
- Touch screen controls
- Windows[®] based software (incudes profile screen)
- Unlimited job storage
- Powered safety hood with safety interlock switch
- Dual palm buttons •
- Adjustable feed rate on saw head

- Two horizontal pneumatic clamps
- Two vertical pneumatic clamps
- Capable of slotting
- One gallon coolant •
- Mist coolant lubrication system •
- One carbide tipped blade
- Air hose
- Chip collection drawer in base and 4-3/4" chip collection port
- Adjustable leveling pads
- Meets CE standards •
- Blade door with safety interlock switch Two-year warranty on parts (saw)
 - One-year warranty on parts (feed system)
 - Saw Made in Spain
 - Feed system Made in USA

Straight Cuts – Miter Cuts – and Everything In-Between

OPTIONAL FEATURE

Auto 90° program allows machine to run in full auto mode when cutting at 90°.

Automatic Upcut

Large capacity automatic upcut saw for cutting non-ferrous materials at 90°. Fits almost any profile and is capable of drilling and tapping holes with DT20 option.



Round

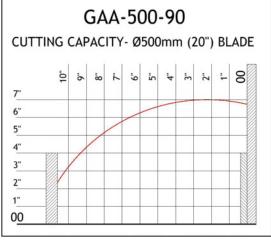
6" (152 mm) Square 6" x 6" (152 x 152 mm) 10" x 3" (254 x 76 mm) Rectangle

GAA-500-90

MAXIMUM CAPACITIES (With a 500 mm Dia Blade)

90 Degree

1 million



SPECIFICATIONS

	GAA-500-90	GAA-500-90 DT20
Length Tolerance	±0.006" per index	±0.006" per index
Motor Options (must specify)	230/460v, 3ph	
Air Pressure	90 psi 90 psi	
Maximum Diameter Blade	500 mm	500 mm
Arbor Bore	50 mm	50 mm
Width	80-1/2" (205 cm)	72-1/2" (185 cm)
Depth	43-3/8" (110 cm)	52-1/2" (133 cm)
		81" (206 cm) (top of drill)
Height (floor to vise) 38-5/8" (98 cm) 38-5/8" (98		38-5/8" (98 cm)
Shipping Weight (may vary)	1,300 lbs. (590 kg)	1,535 lbs. (696 kg)

CUTTING SPEEDS

GAA-500-90	3,000 rpm 7.5 hp (5.59 kW)	
GAA-500-90 DT20	3,000 rpm 7.5 hp (5.59 kW)	

OPTIONAL EQUIPMENT

- Drill/Tap 20mm (DT20) • (shown at left)
- CNC Controls can be added to DT20 models.

COLD SAWS

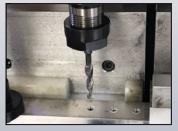
STANDARD FEATURES

- Non-ferrous saw
- Shuttle feed design cuts at 90° only •
- Automatic or Semi-automatic operation •
- Automatic feeder, 20" x 2 strokes (20" + 20" Max. double advance)
- Adjustable length selector from 0.200 to 20"
- LED lighting ٠
- Powered hood lift
- Emergency stop
- Adjustable cutting & feeding speeds
- Three horizontal pneumatic clamps

- Three vertical pneumatic clamps One gallon coolant
- •
- Mist coolant lubrication system • One carbide tipped blade
- Air hose
- Base designed as a chip collection with two extraction ports
- Adjustable leveling pads
- Meets CE standards
- Two-year warranty on parts
- Made in Spain



Optional Drill/Tap



Automatic Upcut CNC

Precision CNC controlled upcut circular saw for cutting aluminum, plastic, or non-ferrous metals at 90°.



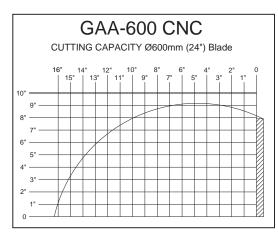
STANDARD FEATURES

- Non-ferrous saw
- Shuttle feed design cuts at 90° only
- Automatic or semi-automatic operation •
- Precision CNC controls
- 27" of ballscrew servomotor automatic feeder
- Unlimited stroke
- LED lighting
- Powered hood lift
- Emergency stop
- Adjustable cutting & feeding speeds

- Three horizontal pneumatic clamps
- Three vertical pneumatic clamps
- One gallon coolant
- Mist coolant lubrication system
- One carbide tipped blade
- Air hose
- Base designed as a chip collection with two extraction ports
- Adjustable leveling pads
- Meets CE standards
- Two-year warranty on parts
- Made in Spain

GAA-600-90 CNC

	MAXIMUM CAPACITIES
	(With a 600 mm Dia Blade)
	90 Degree
Round	8" (203 mm)
Square	8" x 8" (203 x 203 mm)
Rectangle	14" x 4" (356 x 102 mm)



COLD SAWS

SPECIFICATIONS

	GAA-600 CNC
Length Tolerance:	±0.006" per index
Motor Options: (must specify)	230/460v, 3ph
Air Pressure:	90 psi
Maximum Diameter Blade:	600 mm
Arbor Bore:	50 mm
Width:	75" (191 cm)
Depth:	60" (152 cm)
Height (top of hood):	65" (165 cm)
Height (floor to vise):	38-5/8" (98 cm)
Shipping Weight: (may vary)	1750 lbs. (794 kg)

CUTTING SPEEDS		
GAA-600 CNC	3,000 rpm 7.5 hp (5.59 kW)	

Saw Blades

IN STOCK BLADES

A complete selection of blades and coolant available for immediate delivery.

250 mm HSS-DMo5 32 mm BORE 2/8/45 & 2/11/63 Pin Spacing

Part No.	Thickness	Teeth
74300	0.080	90
74304	0.080	100
74302	0.080	120
74306	0.080	150
74305	0.080	180
74307	0.080	240

275 mm HSS-DMo5 32 mm BORE 2/8/45 & 2/11/63 Pin Spacing

Part No.	Thickness	Teeth
74360	0.080	90
74361	0.080	100
74362	0.080	120
74363	0.080	150
74365	0.080	180
74366	0.080	220
74367	0.080	260

Carbide-tipped for non-ferrous models

1 al and

Non-Ferrous Standard Cold Saw Blades 40 mm BORE 2/8/55 & 4/12/64 Pin Spacing

Part No.	Thickness	Diameter	Teeth
74334	0.091	300 mm	120 Carbide
74327	0.134	300 mm	72 Carbide
74329	0.134	350 mm	84 Carbide

50 mm BORE 2/15/80 Pin Spacing

Part No.	Thickness	Diameter	Teeth
74490	0.161	500 mm	80 Carbide
74495	0.181	500 mm	96 Carbide
74500	0.181	500 mm	120 Carbide
74505	0.177	600 mm	72 Carbide
74510	0.181	600 mm	132 Carbide

350 mm HSS-DMo5

40 mm BORE

2/8/55 & 4/12/64 Pin Spacing

Thickness

0.100

0.100

0.100

0.100

0.100

0 100

0.100

0.100

Teeth

90

100

110 120

150

180

220

280

275 mm HSS-DMo5 40 mm BORE 2/8/55 & 4/12/64 Pin Spacing

Part No.	Thickness	Teeth
74309	0.100	90
74308	0.100	100
74310	0.100	120
74311	0.100	150
74312	0.100	180
74313	0.100	220
74314	0.100	260

315 mm HSS-DMo5 40 mm BORE 2/8/55 & 4/12/64 Pin Spacing

Part No.	Thickness	Teeth
74355	0.100	90
74356	0.100	100
74357	0.100	110
74345	0.100	120
74348	0.100	150
74350	0.100	180
74352	0.100	220
74354	0.100	280

POWER 2000 Blades 315 mm • 40 mm BORE 2/8/55 & 4/12/64 Pin Spacing

Part No.	Thickness	Teeth
074372	0.070	ALL

PVD coated for longer blade life with a notched grind for faster cutting speeds. Designed to operate at 80 to 170 RPM, Maximum wall thickness 0.100.

BAND SAW BLADES

Made in USA

Part No.	Size	Teeth
074600	1" x 96"	4-6 TPI
074610	1" x 96"	6-8 TPI

Part No.	Thickness	Teeth
74355	0.100	90
74356	0.100	100
74357	0.100	110
74345	0.100	120
74348	0.100	150
74350	0.100	180
74352	0.100	220
74354	0.100	280

PERFORMANCE 3000 Blades 315 mm • 40 mm BORE 2/8/55 & 4/12/64 Pin Spacing

Part No.

74390

74391

74392

74393

74394

74395

74396

74397

Part No.	Thickness	Teeth
074349	0.098	ALL
PVD coated for longer blade life. Designed for solids and 0.100 wall tube or thicker.		

COOLANT

- Synthetic sawing coolant for mild and stainless steel
- Syncon2 lubricant for non-ferrous

Saw Services & Equipment

Blade Sharpening Service

Scotchman's in-house blade sharpening service is fast and provides high-quality and consistent results. Our specialist can sharpen any HSS blade, re-tooth a chipped blade, or do a complete gum & sharpen, and will grind your blade to any number of teeth you request.

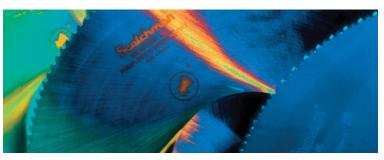


Test Cuts/Cycle Times

Scotchman offers Free test cutting of your material and can evaluate your application. Our specialists will provide a full analysis of cycle times, optional RPMs, and offer saw and saw blade recommendation and tooth configuration.

Chip Vacuum

This high-efficiency industrial Vac is ideal for collecting aluminum, dust, chips, and plastic shavings.



STANDARD FEATURES

- Centrifugal fan with a flow rate of 1471 CFM
- Container capacity 42-gallon
- Structure completely made of steel
- Anti-scuff wheels with parking brake
- Quick release collection container
- Visual filling indicator
- Pneumatic vibrating motor for filter cleaning
- 4.8 hp motor 230/460v, 3ph, 60Hz
- Two 6" ports
- Five meters of 5" flex tube
- Made in Italy

OPTIONAL FEATURES

- Remote start control
- Cleaning kit for post-work machine cleaning



AccuTable Digital Caliper

Easily make critical quality control measurements with the AccuTable from Scotchman[®]. This high-precision caliper table accurately measures material up to 16-foot-long to ±0.004". The Windows[®] Tablet PC effortlessly reads and stores measurements and can be accessed wirelessly

over your network. Customized solutions can calculate SPC (Statistical Process Control) information, create graphs, charts, and more – plus, it is American Made.

STANDARD FEATURES

- Accuracy ±0.004" over 10 ft.
- Repeatability ±0.0015"
- Windows[®] tablet PC
- Built-in WiFi and USB port
- Inch / metric conversions
- Available in 8, 10, 12, 14, and 16 ft. lengths
- 1-year factory warranty
- 5-year belt warranty
- Made in USA

COLD SAWS

Measuring Manual

- Enhance Accuracy
 Boost Productivity
- Maximize Cutting Efficiency
 Improve Safety
 Decrease Set-Up Time
 Eliminate Waste

We specialize in high-precision length measuring gauges and turnkey automation solutions for the steel and aluminum industries. Take your operations to a whole new level by adding an automated measuring system

to your current machine. Manual to fully automatic systems available. Talk to our specialists to find the best solution for your needs.



Scotchman Measuring Devices

Manual Length Positioner43	3
Digital Length Gauge & Positioner44	ŀ
Semi-Automatic Stop/Pusher System45	5
Fully Automatic Material Feed System46	5
Quality Control Caliper Table42	2

Quick-Loc

Manual Length Positioners

Replace your tape measure with one of our Patented Loc-Stop Systems to increase accuracy and reduce set-up times. The teeth on the rail (1/16" increments) align together with the teeth on the stainless-steel stops to give you the exact measurement you set and are guaranteed not to slip.

Available in left-hand and right-hand models and adaptable to almost ANY type of machinery.

Quick-Loc Stop System (AMS)

Simply squeeze the handle on the Quick-Loc System, slide it into position, and release it. Your measurement is set and will not slip.



10" Extension Available for Quick-Loc.

Vertical Stop Block Available for Multi-Loc.



Roller Conveyor Available for Quick-Loc & Multi-Loc.

5' & 10' Increments; up to 25 foot lengths.

Multi-Loc Stop System (AMS)

Heavy-Duty

Multi-Loc

Standard

Multi-Loc

This system makes setting your production runs faster. Simply press down the stainless-steel stops at various lengths along the rail so you're not changing the set-up each time. Multiple stops can be placed on the rail as close to 1" apart using the Standard Stops, and 1-1/2" apart using the Heavy Duty stops.

Three stops come standard with each Multi-Loc Stop System.



Multi-Loc Stop System shown on a Scotchman Ironworker.

Measuring Digital

Digital Length Gauge

Slide & Measure - It's that simple!

Add digital measuring capability to the angle shear or bar shear on your ironworker so you can measure faster & more precisely without the need for a tape measure and pencil. Just clamp this LG Device to your work station bracket and it displays a digital measurement of any material slid underneath it.

Our LG Measuring Kit comes with one Digital Length Gauge and both an Angle Shear mount & a Bar Shear mount.



On Bar Shear



On Angle Shear

Scan QR code to watch this device in action!

FEATURES

Fractional Inch

Fractional Inch

(1/16'')

(1/32'')

- Blade Kerf & Angle Compensation
- Quick attach/detach to move from one station to the next

TECHNICAL SPECS

• Accuracy – ± 0.029"

26

- Precision ± 0.019"
- Warranty 1 Year Limited
- Power 2 AA Batteries (not included)
- DISPLAY UNITS

 Decimal Inch
 Foot to Inch
 - Foot to file (Decimal)
 - Foot to Inch
 - (Fractional)
 - Millimeters
 - Centimeters
 - Meters

Scalchner



MEASURING DEVICES

Digital Length Positioner Digital Quick Stop

Simple Go-To Stop

Turn your manual saw into a part cutting workhorse using this entry level digital length gauge that is easy to use and calibrate. The Digital Quick Stop is guaranteed to save time, reduce scrap, and eliminate costly mistakes. Simply key in the desired cut length and press go; the positioner then moves to that desired length. Place your material up against the fence and make your cut.

FEATURES

- Positioner accuracy ±0.008"
- FAST! 17 inches/second
- 7" Android tablet
- Works in inches, fractions, decimals, or metric
- Fraction keys work as the "go" key
- Unlimited preset keys & list storage
 Mounts left → right OR right → left
- (must specify)
- Available in 8' & 12' lengths
- One-year factory warranty
- Made in USA

Current I 25.0		Target Positi		es meters	Main Screen	Cutlist Pre Screen Sto	
7	8	9	1/16 0.0625	1/8 0.125	3/16 0.1875	1/4 0.25	
4	5	6	5/16 0.3125	3/8 0.375	7/16 0.4375	1/2 0.5	GO
1	2	3	9/16 0.5625	5/8 0.625	11/16 0.6875	3/4 0.75	
•	0	С	13/16 0.8125	7/8 0.875	15/16 0.9375	UNL	OAD



Scotchmon

Scan QR code to watch this system in action!

Measuring semi-Auto

SEMI-AUTOMATED Stop/Pusher System

Programmable length stop or material pusher

This programmable measuring system eliminates operator error and is easily programmed to measure length or has the ability to push material to a desired length. Simply enter a part length and the stop will advance to that position quickly and accurately. This Stop/Pusher System can move one length at a time or be programmed with a series of lengths and quantities for faster operation.

FEATURES

17" Screen – Windows® touchscreen technology

STOP/PUSHER FUNCTIONS

- Auto Pusher Mode
- Batch Mode
- Incremental Mode
- Works in inches, fractions, decimals, or metric Set Point Mode
- Fraction keys work as the "go" key • Unlimited preset keys & list storage

Positioner accuracy ±0.008"

Supports barcodes

•

AUTOMATION

- · Multi offset allows for multiple tool positions
- Electronic zero-point calibration
- Multi-lingual
- Steel reinforced belt drive with adjustable drive speed of 1" to 25"/second
- Mounts left \rightarrow right OR right \rightarrow left (must specify)
- Available in 8' to 30' lengths
- One-year factory warranty
- Made in USA •



45

(Shown on our DO95 Ironworker)

Measuring Full-Auto

FULLY-AUTOMATED Auto Feed System (AFS)

Fully automatic material feed system

Turn your semi-automatic saw into a fully-automatic production machine. The Advanced Feed System (AFS) will cut production time in half, virtually eliminating set-up time! Now, operators no longer need to use a tape measure or set and adjust manual stops. Pairs with Scotchman's CPO 350 PKPD & SUP series saws.



AUTOMATION

FEATURES

SUP-600-NF

- System accuracy ±0.015"
- 17" Screen Windows[®] touchscreen technology
- Intuitive interface
- Works in inches, fractions, decimals, or metric
- Fraction keys work as the "go" key
- Unlimited storage space to save cut jobs
- Able to switch between stop mode & pusher mode
- Capable of miter cutting in semi-auto mode
- Supports barcodes
- Multi offset allows for multiple tool positions
- Downloading of cut lists via built-in wireless networking or through USB drive
- Multi-lingual
- Carriage rides on linear bearing system
- Planetary gear head, near zero backlash
- Mounts left → right OR right → left (must specify)
- Available in 8' to 30' lengths
- One-year factory warranty
- Made in USA



Scan QR code to watch this system in action!

AUTOMATIC SEQUENCES

- Push stock to cut length
- Consider blade kerf
- Clamp the material
- Trigger the cut cycle
- Release the clamp

......

 Index to the next cut position & repeat!

AUTO FEED FUNCTIONS

- Auto Pusher Mode
- Batch Mode
- Incremental Mode
- Set Point Mode
- Auto List (Optimizing)

Pipe Notchers

Create the Perfect Notch in Seconds!

This line of notching equipment is top-quality, perfect for double corner joints, great for high production, and *always* backed by Scotchman's superior three-year warranty.

Ideal for steel, stainless steel, and non-ferrous tube & pipe construction, hand rails, gates & fences, car frames, roll cages, and more. Each piece is quickly and accurately notched and produces a gap-free fit ready for welding.

The manual and electric notchers are perfect for quick-fit 90° notches. Abrasive grinder/notchers provide the perfect saddle for unique angles on both round and square applications.

Manual Pipe Notchers



AL1 3/4", 1", & 1-1/4"



AL2 AL3 1-1/2" & 2" 1-1/4" & 1-1/2"



ALU Vent notch; 0.155" max. wall thickness

FEATURES

- Portable and easy to mount to any stationary surface
- Notch several diameters up to schedule 40 wall thickness at 90°
- Requires no change-over or costly attachments
- Made in the Netherlands

Electric Pipe Notchers





AL1-2U



Equipped with a vent notching die to quickly create a uniform vent-notch in round or square workpieces for galvanizing outflow

FEATURES

- Equipped to notch 3/4", 1", 1-1/4", 1-1/2" and 2" up to schedule 40 wall thickness at 90°
- Safety guards surround and protect notching dies
- Made in the Netherlands

SPECIFICATIONS					
Motor Options	3.5hp				
(must specify)	230/460v, 3ph				
Dimensions	30" x 13-1/2" x 11-1/2" (762mm x 343mm x 292mm)				
Shipping Weight	AL1-2E: 230 lbs. (104 kg)				
(may vary)	AL1-2U: 230 lbs. (104 kg)				

Pipe Notchers

AL100U-02

Abrasive Grinder/Notchers

Constructed with heavy-duty base and frame, Scotchman's Grinder/Notchers operate smoothly with minimal vibrations. Each machine is designed for easy setup with one vise to hold all sizes of tube & pipe that is graduated in degrees and a mandrel with centerline adjustments. Tool-free belt and mandrel changes make transitions quick and easy.

AL100U-01

AL100 SERIES FEATURES

- Notches via adjustments straight = 90° to 30° in tube or pipe from 3/4" to 3" O.D. in seconds (chart pg. 50)
- Comes with two belts and two pipe mandrels (1-1/4" & 1-1/2")
- 13 optional mandrels available to ensure gap free fit
- Top mounted deburring table
- Two axis precision crossfeed table with hand lever feed handle (AL100U-01) or handwheels (AL100U-02)
- Made in the Netherlands



AL150 SERIES FEATURES

- Notches via adjustments straight = 90° to 20° in tube or pipe from 3/4" to 4-1/2" O.D. in seconds (chart on page 50)
- Two axis precision crossfeed table with both handwheels and hand lever feed handles.
- Comes with two belts and two pipe mandrels (1-1/4" & 1-1/2")
- 17 optional mandrels available to ensure a gap free fit
- Top mounted deburring table (AL150)
- BackHigh speed parts grinder (AL150-HS)
- Base has two built-in racks to store mandrels (AL150-HS)
- Made in the Netherlands

SPECIFICATIONS							
	AL150	AL150-HS					
Belt	4" x 78-3/4" (100mm x 2,000mm)	4" x 78-3/4" (100mm x 2,000mm)	6" x 78-3/4" (150mm x 2,000mm)	6" x 78-3/4" (150mm x 2,000mm)			
Speed	4.5 hp, 3,420 RPM	4.5 hp, 3,420 RPM	6 hp, 3,420 RPM	6 hp, 4,320 RPM			
Grinding Capacity	1/2" to 3" O.D.	1/2" to 3" O.D.	1/2" to 4-1/2" O.D.	1/2" to 4-1/2" O.D.			
Angle Range	Straight=90° to 30°	Straight= 90° to 30°	Straight= 90° to 20°	Straight= 90° to 20°			
Motor Options (must specify)	230/460v, 3ph 220v, 1ph	230/460v, 3ph 220v, 1ph	230/460v, 3ph 220v, 1ph	230/460v, 3ph *HS only comes in 3ph			
Dimensions	L- 57" (145cm) W- 45-1/4" (115cm) H- 25-1/2" (65cm)	L- 57" (145cm) W- 45-1/4" (115cm) H- 25-1/2" (65cm)	L- 57" (145cm) W- 47-1/4" (120cm) H- 33-1/2" (85cm)	L- 57" (145cm) W- 47-1/4" (120cm) H- 33-1/2" (85cm)			
Shipping Weight (may vary)	460 lbs. (209 kg)	460 lbs. (209 kg)	615 lbs. (279 kg)	695 lbs. (315 kg)			



48

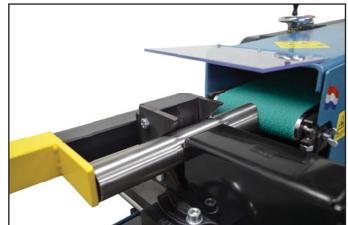
Pipe Notcher Accessories

BACK GAUGE ACCESSORY

For All AL100 and AL150 Models

- Use to set length positions and control depth of notch for repeatable and accurate part lengths.
- 4 ft. working length





Mandrels For Abrasive Grinder/Notchers

17 mandrel sizes available to ensure a gap-free fit.



	MANDREL SPECIFICATIONS							
Pipe	Pipe Tube		AL100U-01/AL100U-02 4" Part #	AL150 / AL150-HS 6" Part #				
1/2"		0.840	A042.21.3	A043.21.3				
	1.000	1.000	A042.26	A043.26				
3/4"		1.060	A042.26.9	A043.26.9				
	1.250	1.250	A042.32	A043.32				
1"		1.330	A042.33.7	A043.33.7				
	1.500	1.500	A042.38	A043.38				
1-1/4"		1.660	A042.42.4	A043.42.4				
	1.750	1.750	A042.44	A043.44				
1-1/2"		1.900	A042.48.3	A043.48.3				
	2.000	2.000	A042.50	A043.50				
2"		2.375	A042.60.3	A043.60.3				
	2.500	2.500	A042.63.5	A043.63.5				
2-1/2"		2.875	A042.73.1	A043.73.1				
	3.000	3.000	A042.76.1	A043.76.1				
3"		3.500		A043.88.9				
	3.500	3.500		A043.88.9				
3-1/2"		4.000		A043.101.6				
4"		4.500		A043.114.3				

Pipe Notcher Accessories

Belts For Abrasive Grinder/Notchers

Productivity

In most applications, abrasive belt notchers dramatically increase productivity. Unlike conventional grinding wheels, abrasive belts are self-sharpening, continuously exposing fresh cutting points. This means no more dressing or replacing expensive grinding wheels.

Productivity = <u>belt cost + labor + overhead</u> number of parts ground



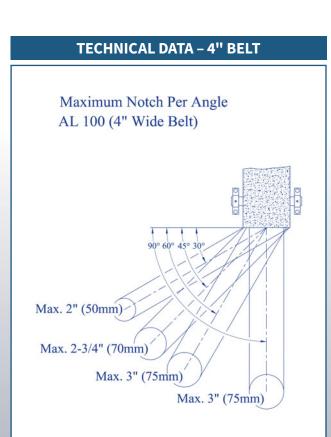
Metal Removal

The rate of metal removal is determined by material to be ground, belt type, belt speed (SFPM) and the amount of pressure applied during grinding.

ABRASIVE GRINDING BELT SPECIFICATIONS

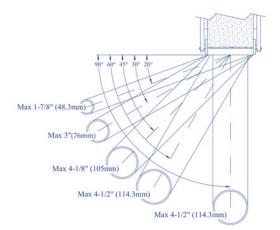
Length/Grit	Product No.	Packaging	Description
4" x 78-3/4" (100mm x 2,000mm) / 36 GRIT	A044.00001	10 Belts Per Box	Rigid Belt for 3/4" & Larger Diameter
4" x 77-1/2" (100mm x 1,968.5mm) / 36 GRIT	A044.00003	10 Belts Per Box	Flexible Belt for 3/4" & Smaller Diameter
6" x 78-3/4" (150mm x 2,000mm) / 36 GRIT	A044.00002	10 Belts Per Box	Rigid Belt for 3/4" & Larger Diameter
6" x 77-1/2" (150mm x 1,968.5mm) / 36 GRIT	A044.00004	10 Belts Per Box	Flexible Belt for 3/4" & Smaller Diameter

*Notchers with serial numbers 0001000-0001300, 9701301-9701650 & 9801651-9801700 require 4" x 77" belts



TECHNICAL DATA – 6" BELT

Maximum Notch Per Angle AL 150 Series (6" Wide Belt)



Hydraulic Presses PressPro Series



STANDARD FEATURES

- Heavy duty all-steel construction
- Industrial grade hydraulic system
- Ram moves laterally for added versatility
- 3 Ram speeds
- 15" of vertical ram travel
- Joystick operation with manual jog
- Removable ram cap to accept a wide variety of tooling
- Adjustable H-frame bed/table height offers increased versatility
- Open side-frame design allows for material to pass through
- Set of V-Blocks to simplify your pressing jobs
- Pressure gauge to monitor force
- Hydraulic-assist adjustable work table to maximize operator safety
- Built-in forklift accommodations (USA built models only)
- Meets CE standards
- Three-year warranty
- Model 176 & 176MT Made in the Netherlands
- Models 66, 110, 110W Made in USA





STANDARD V-BLOCK SET

Available on PressPro 66, 110, 110W, 176 models Standard Accessories: • 2 Steel V-Blocks



OPTIONAL MANDREL SET

Available on PressPro 66, 110, 110W models



Hydraulic Presses PressPro Series



PressPro 176 176 ton

PressPro 176MT 176 ton with movable frame

- The movable frame feature allows for overhead loading of heavy workpieces
- Easily slide the ram head (side to side) and press frame (forward and back) to access all different points of the work surface.

SPECIFICATIONS							
	PressPro 66	PressPro 110	PressPro 110W (Wide Frame)	PressPro 176	PressPro 176MT (Movable Frame)		
Press Force	66 tons (60 mt)	110 tons (100 mt)	110 tons (100 mt)	176 tons (160 mt)	176 tons (160 mt)		
Motor Rate	2.5 hp (1.8 kW)	3.5 hp (2.6 kW)	3.5 hp (2.6 kW)	5 hp (3.6 kW)	5 hp (3.6 kW)		
Motor Options (must specify)	230/460v, 3ph	230/460v, 3ph	230/460v, 3ph	230/460v, 3ph	230/460v, 3ph		
Ram Speed - Approach	21 ipm (8.69 mm/s)	18 ipm (7.54 mm/s)	18 ipm (7.54 mm/s)	18 ipm (7.48 mm/s)	18 ipm (7.48 mm/s)		
Ram Speed - Press	5 ipm (2.07 mm/s)	6 ipm (2.47 mm/s)	6 ipm (2.47 mm/s)	6 ipm (2.40 mm/s)	6 ipm (2.40 mm/s)		
Ram Speed - Return	25 ipm (10.79 mm/s)	21 ipm (9.06 mm/s)	21 ipm (9.06 mm/s)	22 ipm (9.35 mm/s)	22 ipm (9.35 mm/s)		
Open Height - Min.	7-3/4" (197 mm)	7" (180 mm)	5" (130 mm)	7" (180 mm)	0" (0 mm)* w/cylinder extension		
Open Height - Max.	37-1/4" (947 mm)	36-1/2" (930 mm)	34-1/2" (880 mm)	36-1/2" (930 mm)	27-1/2" (700 mm)		
Stroke	15"	15"	15"	15-3/4"	15-3/4"		
Lateral Ram Slide	Yes	Yes	Yes	Yes	Yes		
Width Between Uprights	29-1/2"	43-1/4"	59"	43-1/4"	43-1/4"		
Width Between Table Channels	10-1/4"	11-3/4"	11-3/4"	15"	15"		
Table Height**	Adjustable	Adjustable	Adjustable	Adjustable	Fixed at 30" <u>Table Size (L x W):</u> 68-1/2" x 39-1/4" <u>Frame Movement:</u> 39-1/4" <u>Max Load:</u> 1,653 lbs. (750 kg)		
Footprint (L x W)	56-11/16" x 30-5/16" (144 cm x 77 cm)	66-1/2" x 32-3/4" (169 cm x 83 cm)	82-1/4" x 32-3/4" (209 cm x 83 cm)	68" x 37" (173 cm x 94 cm)	68-1/2" x 68" (174 cm x 172.5 cm)		
Height Overall	83" (211 cm)	84-3/4" (215 cm)	84-3/4" (215 cm)	86-3/4" (226 cm)	83" (210.4 cm)		
Shipping Weight	1,600 lbs. (726 kg)	3,000 lbs. (1,361 kg)	3,450 lbs. (1,565 kg)	3,450 lbs. (1,565 kg)	5,220 lbs. (2,368 kg) Does not include V-blocks		

*11-3/4" (300 mm) cylinder extension to reach table.

**Movement of ram cylinder and press frame are done manually. Hydraulic assist for table height adjustment.

Customer Service

At Scotchman, we stand behind our products with more than just an industry-leading warranty; we provide lifetime customer support and are committed to the success of our customers.

Live, ON-SITE Demonstrations



Convenient & Free.

See our machinery in action and test cut your material without leaving your place of business, anywhere in the lower 48 states.



SCHEDULE YOUR ON-SITE DEMO









Lease-Purchase Financing



Invest in Yourself

Get the equipment you need to grow your business today.

Scotchman Credit Corp. (SCC) offers Low Payments with Highly Competitive Rates!

We finance most brands of equipment, NOT just Scotchman!

STRAIGHTFORWARD LEASING RATES AND TERMS

- Flexible 1-to-5 year terms with low rates based on purchase price -- Monthly plans for businesses & yearly plans for schools
- No hidden fees or early payoff penalty
- One-time \$100 documentation fee
- One advanced payment required for each year of the lease
- All contracts are Lease-To-Own: \$1.00 end-of-lease buyout

MINIMUM QUALIFICATION REQUIREMENTS

- 2 years in business
- \$4,000 lease minimum
- Leasing not available in Alabama, New Jersey, Nevada, West Virginia, or countries outside of the United States.

SIMPLE ONE-PAGE APPLICATION



Contact Us (800) 991-4225 or (989) 754-0003

MACHINES THAT WORK AS HARD NS VALIDO.



Scolehmar

Scotchman Industries, Inc. 180 E US Hwy. 14 • PO Box 850 • Philip, SD 57567 USA Call Toll Free in USA: (800) 843-8844 • Call Direct: (605) 859-2542 • Fax: (800) 843-5545 or (605) 859-2499 info@scotchman.com • www.scotchman.com

