

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.

BAND SAW



Optional Conveyor and measuring devices available

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)

SU-280 G

SPECIFICATIONS

Blade Length	1" x 96.5"
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)



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

Contact ACC Machinery in AZ 602-258-7330

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.



COLD SAWS

MANUAL TO SEMI-AUTOMATIC

CPO 350 SERIES PIVOT STYLE SAW	29-30
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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 EQUIPMENT & SERVICES ..41-42

Cold Saws *CPO 350 Series*

Steel & Ferrous metal cutting

COLD SAWS

CPO 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
- 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
- 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 95 mm)
Solid	90 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)

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)



Cold Saws

CPO 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



COLD SAWS

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)
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Cold Saws *CPO 275 Series*

Steel & Ferrous metal cutting

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



COLD SAWS

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)

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)



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)



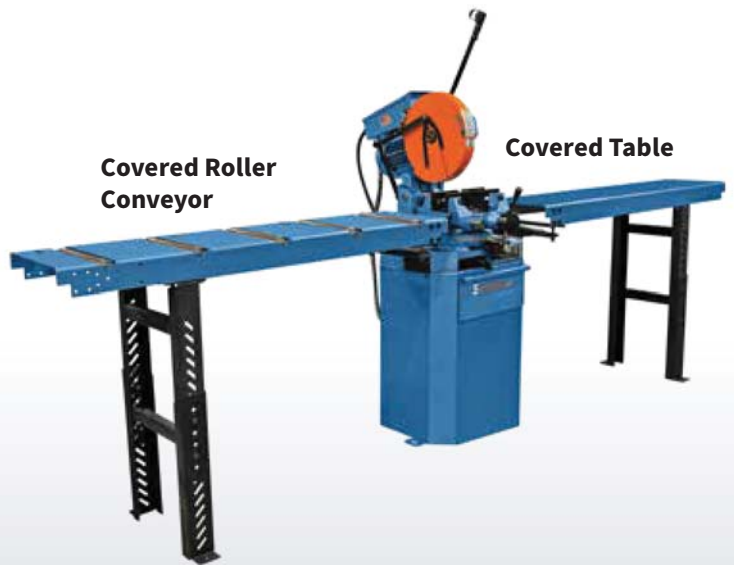
Saw Blades
(See page 41)

COLD SAWS



Roller Conveyor

Roller Conveyor
(w/Quick-Loc measuring)



Covered Roller Conveyor

Covered Table

Automate your saw

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

