

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.



COLD SAWS

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 → L or L → R (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 Track

SPECIFICATIONS

Length Tolerance	±0.015" repeatability	
Squareness Tolerance	±0.002" per diameter inch	
Minimum Cut Length	1/2" (12 mm)	
Maximum Cut Length	23' 9" (724 cm)	
Motor Options (must specify)	208/230/460v, 3ph	
Air Pressure	90 psi	
Maximum Diameter Blade	350 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/Saw	(L) 236" (W) 47" (H) 68"
24' Supply Table (ST)	Maximum Raw Stock (24' ST)	24'
	Load Table Capacity	24"
	Dimensions - 24' ST w/Saw	(L) 377" (W) 47" (H) 68"

CUTTING SPEEDS

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

