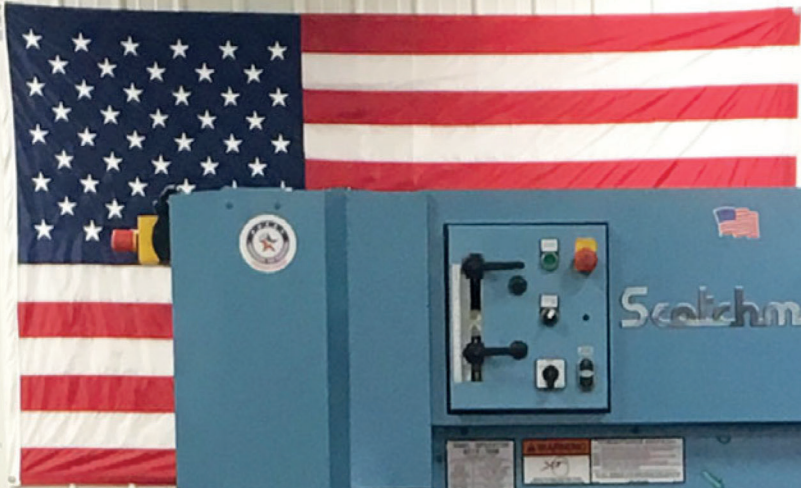


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Hitch Feed Automatic

COLD SAWS



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.

CPO 315 HFA

STANDARD FEATURES

- Available in ferrous & non-ferrous
- 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

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

| | |
|-------------------------------------|--|
| CPO 315 HFA (Ferrous) | Variable Speed 11 to 177 rpm 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 | 3-1/8" x 3-1/8" (≤ 79 mm x 79 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 | 3-1/8" x 3-1/8" (≤ 79 mm x 79 mm) |



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.

COLD SAWS

CPO 315 HFA CNC

STANDARD FEATURES

- Available in ferrous & non-ferrous
- 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
- 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

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 (Ferrous) | Variable Speed 11 to 177 rpm 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 | 3-1/8" x 3-1/8" (≤ 79 mm x 79 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 | 3-1/8" x 3-1/8" (≤ 79 mm x 79 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.



(RFA shown with Supply Track)



Optional Bundle Loading Magazine

COLD SAWS

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) |



SPECIFICATIONS

| | | |
|------------------------------|-------------------------------|--------------------------|
| 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 Diameter 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" |

CUTTING SPEEDS

| | |
|---------------------------------|--|
| 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 → 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**

COLD SAWS

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) |

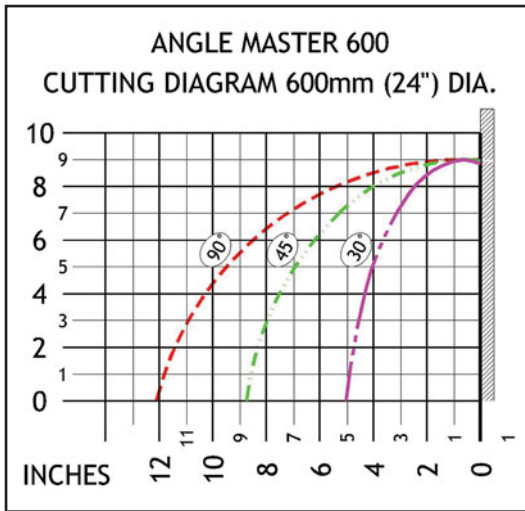


AngleMaster Upcut Miter

SUP-600 AngleMaster

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

| MAXIMUM CAPACITIES (With a 600 mm Dia Blade) | | |
|---|---------------------------|-------------------------------|
| | 90 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) |



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°
- Feeding length available - 10' to 30'
- Right-to-Left feed only
- Touch screen controls
- Windows® based software (includes profile screen)
- Unlimited job storage
- Powered safety hood with safety interlock switch
- 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
- 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
- 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.

GAA-500-90

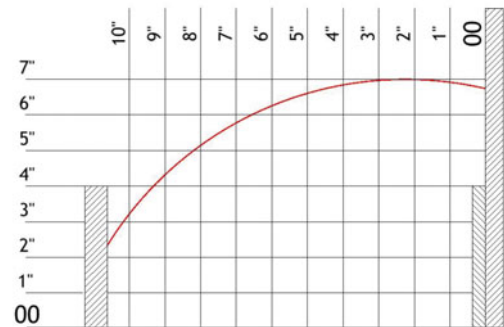
MAXIMUM CAPACITIES

(With a 500 mm Dia Blade)

| | 90 Degree |
|-----------|------------------------|
| Round | 6" (152 mm) |
| Square | 6" x 6" (152 x 152 mm) |
| Rectangle | 10" x 3" (254 x 76 mm) |

GAA-500-90

CUTTING CAPACITY - Ø500mm (20") BLADE



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)
- LED lighting
- Powered hood lift
- Emergency stop
- Adjustable cutting & feeding speeds
- Adjustable length selector from 0.200 to 20"
- 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

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) |
| Height (top of hood) | 60-1/4" (153 cm) | 81" (206 cm) (top of drill) |
| Height (floor to vise) | 38-5/8" (98 cm) | 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.

Optional Drill/Tap



Automatic Upcut CNC

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



GAA-600-90 CNC

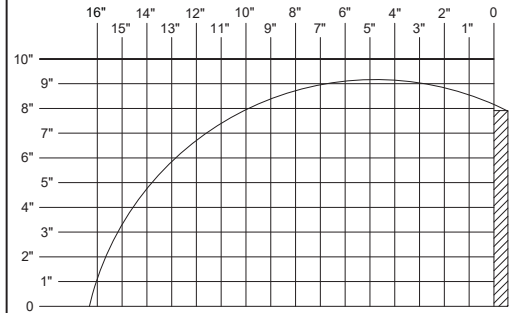
MAXIMUM CAPACITIES

(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) |

GAA-600 CNC

CUTTING CAPACITY Ø600mm (24") Blade



COLD SAWS

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
- Adjustable length selector from 0.200 to 20"
- 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

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) |
|-------------|-------------------------------|

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