

## **S-20**

### DIGITAL BAND TENSIONING DISPLAY

Manual mechanical tensioning allows for quick and simple blade changing. A LED display on the control console provides readout for proper tension setting.

#### **CAST IRON SAW HEAD**

Provides rigidity and less vibration when cutting. Ensures straight cuts and increases blade life!

#### **3 HP DIRECT BLADE DRIVE**

Heavy-duty 2-stage gearbox and motor is controlled by an AC inverter drive. Blade speed is easily adjusted with a wide range of band speeds. Less moving parts compared to belt and pulley drive machines.







The S-2O represents the first band saw to incorporate a swing head design for miter cutting. The innovative design saves operator set up time and shop space. These versatile machines provide exceptional miter cutting for light to medium duty applications.

#### **STANDARD FEATURES**

- Easy swing, heavy duty cast iron saw head
- 3 HP true direct blade drive 36" material in-feed roller table and 19" out feed table
- Heavy duty sliding material vise(cam lock) jaw
- · Mechanical band tensioning with digital readout
- Cast iron band wheels
- · Swing away operator control panel
- Replaceable blade brush
- Robust steel base
- Easy to read angle scale with angle locking mechanism
- Cast iron guide arms. Idler side guide arm is adjustable and supported by linear rail
- · Gravity head feed
- Replaceable carbide guide inserts
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light
- Work light

- Mist lubrication
- Adjustable work stop
- Single phase
- Idler conveyor & accessories





- Easy swing, heavy duty cast iron saw head up to 60° one direction
- Full capacity, full stroking hydraulic vise
- 3 HP VFD. True direct blade drive no belts/pulleys
- · On-demand hydraulics save energy
- 36" material in-feed roller table and 19" out feed table
- · Cast iron band wheels
- · Semi-automatic control panel
- · Replaceable blade brush
- · Robust steel base
- Easy to read angle scale with angle locking mechanism
- Cast iron guide arms. Idler side guide arm is adjustable and supported by linear rail.

- · Gravity head feed
- · Mechanical band tensioning with digital readout
- · Replaceable carbide guide inserts
- · Safety door interlocks
- · Flood coolant with wash down hose
- · Laser light
- · Work light

- · Full capacity hydraulic overhead bundling
- Work stop
- Single phase 220 v
- · Remote operator console
- · Mist lubrication
- · Variable vise pressure
- · Idler conveyors

## S-20P

#### **LASER LIGHT**

This standard feature is ideal when manually marking your cut line and aligning that mark with the blade.

The laser light allows you to avoid jogging the blade downward while moving the part in and out.

A great safety feature as the head stays up in a locked position. An on/off switch is provided.

#### **FULL CAPACITY HYDRAULIC VISE**

Save time with the full capacity, full stroking hydraulic vise. Add the optional overhead clamp, which clamps material from above. This option is very effective, and necessary for bundle cutting various material shapes.

#### **SEMI-AUTOMATIC CONTROLLER**

Equipped with a digital LCD display, control shows machine mode, pieces cut, blade speed, blade tension, amperage draw, cut duration, overall machine run time, and head position.







#### **BALL SCREW FEED SYSTEM**

Improve cycle time! Automatic material indexing up to 27" in a single stroke. The shuttle vise is powered by a ball screw and stepper motor for fast, accurate indexing.

#### **AUTOMATIC PLC CONTROL**

Automatic mode: displays blade speed, blade tension part length, quantity required, and piece count, job run time, total blade run time Machine will shut down when the required number of pieces have been cut.







- Easy swing, heavy duty cast iron saw head
- Cast iron shuttle features automatic multi-indexing up to 27" in a single stroke. Powered by ball screw and stepper motor.
- 5 HP VFD. True direct blade drive no belts/pulleys
- On-demand hydraulics save energy
- Blade chamber separates material from cut part
- Cast iron band wheels
- Automatic PLC, touch screen control programmable up to 100 jobs with 20 in queue
- Replaceable blade brush
- Robust steel base
- Easy to read angle scale with angle locking mechanism
- Cast iron guide arms mounted on linear rails is adjustable for proper spacing.

- Lasy access electrical panel
- · Out of stock switch
- Mechanical band tensioning with digital readout
- Hydraulic positive down feed
- Replaceable carbide guide inserts
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light & work light

- Full capacity hydraulic overhead bundling
- Mist lubrication
- Variable vise pressure
- Idler and powered conveyor



- · Semi-automatic contro
- 1-1/4" blade width
- Easy swing, heavy duty cast iron saw head provides durability, stiffness, and absorbs vibration that is created during the cutting process.
- Full capacity, full stroking hydraulic material vise
- 8.8 HP VFD True direct blade drive no belts/ pulleys.
- Infinitely variable blade speed and LED readout on control panel
- On-demand hydraulics save energy
- 20" out feed table
- Blade breakage switch
- Cast iron band wheels
- Replaceable blade brush
- Robust steel base
- Easy to read angle scale with angle locking mechanism
- Cast iron guide arms. Idler side guide arm is adjustable and supported by linear rail.
- Easy access electrical panel
- Hydraulic positive down feed provides easy adjustment of both feed rate and cutting pressure

- Mechanical band tensioning with digital readout
- Replaceable carbide guide inserts
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light
- Work light

- Full capacity hydraulic overhead bundling moves down on the material from above. Timed with the opening and closing of the side vise, it is very effective for bundle cutting various material shapes & sizes.
- Mist lubrication
- Variable vise pressure
- Work stop
- Idler conveyors

## S-23P

#### HYDRAULIC POSITIVE DOWNFEED

The DDF system (dual down feed system) has the capability of controlling both feed rate and feed force parameters to achieve optimum cutting results, and blade life.

#### **BUILT-IN COOLANT DRAWER**

Base features a built in coolant drawer with centrifugal pump. The pump delivers ample coolant to the cutting area.

#### **SEMI-AUTOMATIC CONTROLLER**

Equipped with a digital LCD display, control shows machine mode, pieces cut, blade speed, blade tension, amperage draw, cut duration, overall machine run time, and head position.

#### MECHANICAL LOCKING MITER SCALE

The easy swing head frame, with counter balance springs has a scale for the head miter position in 1° increments. A cam lock brake provides reliable locking at the desired angle.





### S-23A

The S23A Horizontal Pivot Band Saw will increase flexibility and improve efficiency in any general purpose sawing application. This automatic machine is ideal for the small to medium fabricator or machine shop, looking to make extremely accurate, straight or miter cuts. The saw head swings 30 degrees in both semi-automatic and automatic. All of the saw blade guiding components are made of cast iron, making this machine highly durable and accurate. The S23A is a competitively priced machine combined with versatility and un-matched cost per cut.

#### **CAST IRON GUIDE ARMS**

Premium cast iron, heavy duty guide arms mounted on linear rails come equipped with replaceable, pre-set carbide inserts (no adjustments needed) for accurate cutting.

#### **AUTOMATIC PLC CONTROL**

Windows touch screen controller operates the automatic cycle but allows for manual operation as well. A variety of languages can be chosen for message screen display.







- Easy swing, heavy duty cast iron saw head
- Cast iron shuttle features automatic multi-indexing up to 29" in a single stroke. Powered by ball screw and stepper motor.
- 8.8 HP VFD. True direct blade drive no belts/pulleys
- On-demand hydraulics save energy
- · Blade chamber separates material from cut part
- Cast iron band wheels
- Automatic PLC, touch screen control programmable up to 100 jobs with 20 in queue
- Replaceable blade brush
- Robust steel base
- Easy to read angle scale with angle locking mechanism
- Cast iron guide arms mounted on linear rails is adjustable for proper spacing.
- Easy access electrical panel
- Out of stock switch
- · Mechanical band tensioning with digital readout

- Hydraulic positive down feed has the capability of controlling both feed rate and feed force parameters to achieve optimum cutting results, and blade life.
- Replaceable carbide guide inserts
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light
- Work light

- Full capacity hydraulic overhead bundling
- Remote console
- Mist lubrication
- Variable vise pressure
- Idler conveyors
- Powered conveyors



#### **BLADE CHAMBER**

After completing a cut, the unique blade chamber feature prevents the blade from snagging by providing a wide path for the blade to retract through.

After finishing the cut, the head and saw blade stay in the down position. The shuttle vise then retracts the cutting stock.

The head retracts through created opening (chamber), and the shuttle will then advance the material to the desired length.

This feature allows the operator to run the machine unattended without the possibility of the blade catching on the material as the head retracts. Without this feature blade can be damaged including blade guard, saw table, and guides.

#### **CAST IRON SHUTTLE FEED**

Heavy duty shuttle vise assembly mounted on reciprocating linear rails provide automatic multi-indexing of up to 29" in a single movement with a length accuracy of +/- .005" per stroke.

The shuttle vise is powered by a ball screw and stepper motor - fast and accurate!

The infeed rollers are 2 5/16" in diameter.

The floating shuttle adjusts for bent material.

The machine can operate in automatic and index with the head in 30° miter.



## S-23A

#### **OPTIONAL MIST LUBRICATION**

An alternative to the standard flood coolant system, mist lubrication is an air mist system providing blade lubrication and cooling. No recovery is required as the mist dissipates.

#### **OPTIONAL VARIABLE VISE PRESSURE**

Provides vise pressure adjustment on both vises when thin wall tubing and other light material are being cut. This minimizes application deformation potential.

#### **OPTIONAL OVERHEAD BUNDLING**

A hydraulically powered overhead clamp moves down on the material. This option is very effective, and necessary for bundle cutting various material shapes & sizes.





# **M SERIES**





Photos may show optional equipment

## GET UNMATCHED, HEAVY-DUTY MITERING WITH HYDMECH'S M SERIES SAWS.

Fully hydraulic, heavy-duty horizontal pivot machines that withstand the high demands of machine and fabrication shops, trailer and automotive manufacturers, and more. Easily cut tubing, channels, angles, solids, light to medium grade alloys, as well as non-ferrous and stainless materials

The M Series machines have powered, hydraulic saw heads for mitering with just the simple push of a

button! The powered head movement has an optimum range of up to 30° as well as indexing from 33" to 120" in a single stroke.

M-Series machines are available in semi-automatic and fully-automatic models with cutting capacities of up to 30".



- · Built to withstand heavy fabricating environments
- Automatic programmable mitering with "go to" angle from 90° to 30°  $\,$
- · Automatic multi-indexing up to 33" in a single stroke
- · Full capacity, full stroking hydraulic vises
- Guide arms mounted on linear rails. Hydraulically powered idler side guide arm is adjustable for proper spacing.
- 7.5 HP VFD. True direct blade drive no belts/pulleys
- · Hydraulic positive down feed
- Blade chamber separates material from cut part
- · Cast iron band wheels
- Automatic PLC control programmable up to 99 jobs with 5 in queue.
- · Replaceable blade brush
- · Robust steel base
- · Automatic chip removal auger
- · Easy access electrical panel and hydraulics
- · Blade breakage switch

- Hardened replaceable wear plates on material vises
- · Hydraulic band tensioning
- · Hydraulic carbide guide tensioning
- · Safety door interlocks
- · Flood coolant with wash down hose
- · Laser light
- · Work light

- · Blade deviation monitor
- · Full capacity hydraulic overhead bundling
- · Remote console
- · Chip bucket
- · Mist lubrication
- · Out of stock switch
- · Variable vise pressure
- · Vertical rollers
- · Idler and powered conveyors

## M-16A

#### "GO TO" ANGLE FUNCTIONALITY

The fully programmable PLC control allows the operator to enter two desired angles. The machine will automatically swing the head, alternating between two different programmed angles, producing parts with a different angle on each end.

#### HYDRAULIC POWERED GUIDE ARM

The M-16A features guide arms mounted on linear rails. The hydraulically powered idler side guide arm is adjustable for proper guide arm spacing giving rigidity to the blade.

#### **EASY ACCESS HYDRAULICS**

A 3 HP hydraulic pump supplies system pressure which controls all vising, head up/down, head swing, shuttle movement, and blade tension functions. Easy access for minimal downtime.





## M-20A

#### **CAST WHEELS & OVERSIZED PIVOT**

Cast iron wheel and an oversized pivot point provide extra ridgidity. A powered blade brush keeps the blade clean while chips are conveniently removed by the automatic chip auger.

#### **AUTOMATIC CHIP REMOVAL AUGER**

Built into the base of all M Series saws, an auger screw pulls chips from the base and discharges at side of the machine for easy clean up.

#### 10 HP DIRECT BLADE DRIVE

Powerful gearbox and motor assembly with a variable frequency drive system. A wide range of available band speeds allows for efficient cutting of many types of material.







- Automatic programmable mitering with "go to" angle from 90° to 30°
- Automatic multi-indexing up to 33" in a single stroke
- Guide arms mounted on linear rails. Hydraulically powered idler side guide arm is adjustable for proper spacing.
- 10 HP VFD. True direct blade drive no belts/ pulleys
- Full capacity, full stroking hydraulic vises
- Hydraulic positive down feed
- Blade chamber separates material from cut part
- Cast iron band wheels
- Automatic PLC control programmable up to 99 jobs with 5 in queue.
- Replaceable blade brush
- Robust steel base
- Automatic chip removal auger
- Easy access electrical panel and hydraulics
- Blade breakage switch
- Hardened replaceable wear plates on material vises

- Hydraulic band and carbide guide tensioning.
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light
- Work light

- · Blade deviation monitor
- Full capacity hydraulic overhead bundling
- Chip bucket
- · Remote console
- Mist lubrication
- Out of stock switch
- Outboard vise
- Outboard vise with bundling
- Variable vise pressure
- Vertical rollers
- Idler & powered conveyors



- Automatic programmable mitering with "go to" angle from 90° to 30°
- · Full capacity hydraulic overhead bundling
- 10' bar feed
- Automatic multi-indexing up to 120" in a single stroke.
- Guide arms are mounted on linear rails.
   Hydraulically powered idler side guide arm is adjustable for proper spacing.
- 10 HP VFD. True direct blade drive no belts/ pulleys
- Full capacity, full stroking hydraulic material vises
- · Hydraulic positive down feed
- · Blade chamber separates material from cut part
- · Cast iron band wheels
- Automatic PLC, touch screen control programmable up to 1000 jobs with 20 in queue.
- · Replaceable blade brush
- · Automatic chip removal auger
- · Easy access electrical panel and hydraulics
- · Blade breakage switch
- · Hardened replaceable wear plates on material vises

- · Hydraulic band and carbide guide tensioning
- · Safety door interlocks
- · Flood coolant with wash down hose
- · Laser light
- · Work light

- Blade deviation monitor
- · Chip bucket
- · Remote console
- Mist lubrication
- · Out of stock switch
- · Outboard vise
- · Outboard vise with bundling
- · Variable vise pressure
- Vertical rollers
- · Idler & powered conveyors

## M-20A - 120

#### **120" BAR FEED**

Fast shuttle vise is capable of indexing up to 120" in a single stroke. Shuttle carriage moves on linear rails and is driven by rack & pinion mounted gear reducer/servo motor assembly.

#### HYDRAULIC OVERHEAD BUNDLING

Moves down on the material from above. Timed with the opening and closing of the side vise, it is very effective and necessary for bundle cutting various material shapes & sizes.





Photos may show optional equipment.



### SPECIFICATIONS

		S-20	S-20P	S-20A	S-23P
Rectangular Capacity (h x w)	90°	13" x 18" / 330 mm x 457 mm	13" x 18" / 330 mm x 457 mm	13" x 18" / 330 mm x 457 mm	16" x 20" / 406 mm x 508 mm
	45°	13" x 10 3/4" / 330 mm x 273 mm	13" x 10 3/4" / 330 mm x 273 mm	13" x 10 3/4" / 330 mm x 273 mm	16" x 14" / 406 mm x 355 mm
	30°	13" x 7 3/4" / 330 mm x 197 mm	13" x 7 3/4" / 330 mm x 197 mm	13" x 7 3/4" / 330 mm x 197 mm	16" x 9 1/2" / 406 mm x 241 mm
Round Capacity	90°	13" / 330 mm	13" / 330 mm	13" / 330 mm	16" / 406 mm
	45°	12" / 304 mm	12" / 304 mm	12" / 304 mm	14" / 355 mm
	30°	8 1/2" / 216 mm	8 1/2" / 216 mm	8 1/2" / 216 mm	9 1/2" / 241 mm
Blade Drive		3 HP VFD / 2.2 kW VFD	3 HP VFD / 2.2 kW VFD	5 HP VFD / 3.7 kW VFD	8.8 HP VFD / 6.6 kW VFD
Blade Speed		45-330 SFM / 14-101 MPM	45-330 SFM / 14-101 MPM	75-350 SFM / 23-107 MPM	75-350 SFM / 23-107 MPM
Blade Size		1" x 14' 10" / 25.4 mm x 4521.2 mm	1" x 14' 10" / 25.4 mm x 4521.2 mm	1" x 14' 10" / 25.4 mm x 4521.2 mm	1 1/4" x 16' 10" / 31.7 mm x 5130.8 mm
Coolant Tank Capacity		6 Gal. / 23 ltr	6 Gal. / 23 ltr	12 Gal. / 45 ltr	9 Gal. / 34 ltr
Table Height		31" / 787 mm	31" / 787 mm	31" / 787 mm	33" / 838 mm
Voltages Available		208, 240, 480, 575 v	208, 240, 480, 575 v	208, 240, 480, 575 v	208, 240, 480, 575 v
Weight		2,200 lbs. / 998 kg	2,500 lbs. / 1134 kg	3,800 lbs. / 1724 kg	2,900 lbs. / 1315 kg
Dimensions	Width	92" / 2337 mm	92" / 2337 mm	93" / 2362 mm	96" / 2438 mm
	Length	75" / 1905 mm	75" / 1905 mm	86" / 2184 mm	56" / 1422 mm
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	Height	52" / 1320 mm	52" / 1320 mm	52" / 1320 mm	56" / 1422 mm
	Height	S-23A	52 / 1320 mm M-16A	52 / 1320 mm M-20A	56 / 1422 mm M-20A-120
Rectangular	Height 90°		·		
Rectangular Capacity (h x w)	3	S-23A	M-16A	M-20A	M-20A-120
Capacity	90°	<b>S-23A</b> 16" x 20" / 406 mm x 508 mm	M-16A 16" x 25" / 406 mm x 635 mm	M-20A 20" x 30" / 508 mm x 762 mm	M-20A-120 20" x 30" / 508 mm x 762 mm
Capacity (h x w)	90° 45°	S-23A 16" x 20" / 406 mm x 508 mm 16" x 14" / 406 mm x 355 mm	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm	M-20A 20" x 30" / 508 mm x 762 mm 20" x 19" / 508 mm x 482 mm	M-20A-120 20" x 30" / 508 mm x 762 mm 20" x 19" / 508 mm x 482 mm
Capacity (h x w)	90° 45° 30°	S-23A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm	M-16 A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm	M-20A 20" x 30" / 508 mm x 762 mm 20" x 19" / 508 mm x 482 mm 20" x 12" / 508 mm x 304 mm	M-20 A-120 20" x 30" / 508 mm x 762 mm 20" x 19" / 508 mm x 482 mm 20" x 12" / 508 mm x 304 mm
Capacity (h x w)	90° 45° 30° 90°	S-23A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm	M-16 A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm	M-20A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm	M-20A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm
Capacity (h x w)	90° 45° 30° 90° 45°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm	M-16 A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm	M-20A 20" x 30" / 508 mm x 762 mm 20" x 19" / 508 mm x 482 mm 20" x 12" / 508 mm x 304 mm 20" / 508 mm 20" / 508 mm	M-20 A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm
Capacity (h x w)  Round Capacity	90° 45° 30° 90° 45°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm	M-20A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm	M-20A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm
Capacity (h x w)  Round Capacity  Blade Drive	90° 45° 30° 90° 45°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD	M-20 A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD	M-20 A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  10" / 508 mm  10" / 355 mm
Capacity (h x w)  Round Capacity  Blade Drive  Blade Speed	90° 45° 30° 90° 45° 30°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD  75-350 SFM / 23-107 MPM	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD  50-350 SFM / 15-107 MPM	M-20A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM	M-20A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM
Capacity (h x w)  Round Capacity  Blade Drive  Blade Speed  Blade Size	90° 45° 30° 90° 45° 30°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD  75-350 SFM / 23-107 MPM  11/4" x 16' 10" / 31.7 mm x 5130.8 mm	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD  50-350 SFM / 15-107 MPM  1 1/4" x 18' 6" / 31.7 mm x 5638.8 mm	M-20 A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm	M-20 A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm
Capacity (h x w)  Round Capacity  Blade Drive  Blade Speed  Blade Size  Coolant Tank Capacity	90° 45° 30° 90° 45° 30°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD  75-350 SFM / 23-107 MPM  11/4" x 16' 10" / 31.7 mm x 5130.8 mm  12 Gal. / 45 ltr	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD  50-350 SFM / 15-107 MPM  1 1/4" x 18' 6" / 31.7 mm x 5638.8 mm  9 Gal. / 34 ltr	M-20A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr	M-20A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr
Capacity (h x w)  Round Capacity  Blade Drive  Blade Speed Blade Size  Coolant Tank Capac Table Height	90° 45° 30° 90° 45° 30°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD  75-350 SFM / 23-107 MPM  1 1/4" x 16' 10" / 31.7 mm x 5130.8 mm  12 Gal. / 45 ltr  33" / 838 mm	M-16 A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD  50-350 SFM / 15-107 MPM  1 1/4" x 18' 6" / 31.7 mm x 5638.8 mm  9 Gal. / 34 ltr  32" / 812 mm	M-20 A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr  32" / 812 mm	M-20A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr  35" / 889 mm
Capacity (h x w)  Round Capacity  Blade Drive  Blade Speed Blade Size  Coolant Tank Capacity  Table Height  Voltages Available	90° 45° 30° 90° 45° 30°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD  75-350 SFM / 23-107 MPM  11/4" x 16' 10" / 31.7 mm x 5130.8 mm  12 Gal. / 45 ltr  33" / 838 mm  208, 240, 480, 575 v	M-16A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD  50-350 SFM / 15-107 MPM  1 1/4" x 18' 6" / 31.7 mm x 5638.8 mm  9 Gal. / 34 ltr  32" / 812 mm  208, 240, 480, 575 v	M-20 A  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr  32" / 812 mm  208, 240, 480, 575 v	M-20 A-120  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr  35" / 889 mm  208, 240, 480, 575 v
Capacity (h x w)  Round Capacity  Blade Drive  Blade Speed  Blade Size  Coolant Tank Capac  Table Height  Voltages Available  Weight	90° 45° 30° 90° 45° 30°	S-23 A  16" x 20" / 406 mm x 508 mm  16" x 14" / 406 mm x 355 mm  16" x 8 1/2" / 406 mm x 215 mm  16" / 406 mm  14" / 355 mm  8 1/2" / 215 mm  8.8 HP VFD / 6.6 kW VFD  75-350 SFM / 23-107 MPM  1 1/4" x 16' 10" / 31.7 mm x 5130.8 mm  12 Gal. / 45 ltr  33" / 838 mm  208, 240, 480, 575 v  4,200 lbs. / 1905 kg	M-16 A  16" x 25" / 406 mm x 635 mm  16" x 15" / 406 mm x 381 mm  16" x 9" / 406 mm x 228 mm  16" / 406 mm  16" / 406 mm  11" / 280 mm  7.5 HP VFD / 5.5 kW VFD  50-350 SFM / 15-107 MPM  1 1/4" x 18' 6" / 31.7 mm x 5638.8 mm  9 Gal. / 34 ltr  32" / 812 mm  208, 240, 480, 575 v  7,400 lbs. / 3357 kg	M-20 A  20" x 19" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr  32" / 812 mm  208, 240, 480, 575 v  7,700 lbs. / 3493 kg	M-20A-12O  20" x 30" / 508 mm x 762 mm  20" x 19" / 508 mm x 482 mm  20" x 12" / 508 mm x 304 mm  20" / 508 mm  20" / 508 mm  14" / 355 mm  10 HP VFD / 7.4 kW VFD  50-350 SFM / 15-107 MPM  11/2" x 20' 6" / 38.1 mm x 6248.4 mm  9 Gal. / 34 ltr  35" / 889 mm  208, 240, 480, 575 v  12,700 lbs. / 5761 kg

In line with HYDMECH's policy of on-going product improvement, we reserve the right to modify features and specifications.



Sales partner in México:



ACAT Mexicana

Ave. Regio Parque #200 Regio Parque Industrial Apodaca , Nuevo León, México CP. 66633



acat@acatmexicana.com



TEL. 81 8354 8910



www.acatmexicana.com