

M-20A Specifications

Standard Features

- Extremely heavy-duty cast iron guide arms and wheels • Full stroke vise with 32" shuttle stroke • Positive down feed
- Hardened and replaceable wear strips • Carbide guides • Heavy duty gearbox and motor assembly • Variable frequency drive
- Easy access service panels • Wash down hose • Powered blade brush • Hydraulic guide arm positioning • Hydraulic blade tension
- Blade breakage switch • Readily available and easy-to-replace parts

Related Models

M-20P

The M-20P is a semi-automatic saw with one hydraulic full stroke vise, hydraulic positive down-feed that monitors feed force and rate, and a head that swings from 90 to 30 degrees.

CAPACITY:	Rectangles 20" x 20" Square 12" x 12" Round 45° 20" diameter Round 45° 30" diameter Square 40" x 10" x 20" Square 30" x 12" x 20" Banding capacity (optional) - 20" x 30"	Rectangles 250 mm x 250 mm Squares 250 mm diameter Round 45° 500 mm diameter Round 45° 600 mm diameter Square 40" x 10" x 20" Square 30" x 12" x 20" Banding capacity (optional) - 500 mm x 700 mm
BLADE:	Length 20' 4" Width 1 1/2" Thickness .030"	Length 12' 6" Width 3/8" thickness .013"
BLADE SPEED:	50-250 SFM (variable frequency drive)	15-107 SFM (variable frequency drive)
BLADE GUIDES:	Carbide	Carbide
BLADE/WHEEL DIAMETER:	20"	550 mm
DRIVE:	Electric motor 11 hp Hydraulic drive 2 hp	Electric motor 7.5 kW Hydraulic drive 2.2 kW
HYDRAULIC SYSTEM:	100 psi	40 bar
HYDRAULIC TANK CAPACITY:	11 U.S. gallons	34 liters
COOLANT TANK:	9 U.S. gallons	34 liters
SHUTTLE STROKE:	0-32" single stroke – incl indexing standard	0-33" per single stroke – incl indexing standard
VISE CONTROL:	Hydraulic	Hydraulic
TABLE HEIGHT:	22"	552 mm
MAXIMUM:	4,000 lbs	3,670 kg
MACHINE WEIGHT:	7,700 lbs	3,493 kg
DIMENSIONS:	120" wide 80" long 44" high	3432 mm wide 2032 mm long 1118 mm high
OPTIONS:	<ul style="list-style-type: none"> • Full capacity overhead banding • Vertical table pressure • PLC 100 • Vertical miter • Blade breakage switch • Digital angle display 	<ul style="list-style-type: none"> • Full capacity overhead banding • Vertical table pressure • PLC 100 • Vertical miter • Blade breakage switch • Digital angle display

In line with HYD-MECH's policy of on-going product improvement, we reserve the right to modify features and specifications.
Note that some options may not be available or are standard on the CE machine. Please check with your dealer for option availability.

m-20A

CAPACITY: 20' x 30' - 500 mm x 762 mm



THE NEW
HYD-MECH

The Rock Solid Solution

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THE NEW

HYD-MECH

The Rock Solid Solution

The HYD-MECH M-20A Model Band Saw

The HYD-MECH M-20A Model Band Saw is a heavy-duty pivot-style saw designed to provide exceptional miter cutting capability in multi-shift, high production environments. Its versatile swing head saves operator set-up time and is ideal for use in tight working spaces. The M-20A has a workload capacity of up to 8,000 lbs. and can be programmed to handle 99 different jobs, running as many as 5 jobs consecutively in the job queue.

The M-20A's optional Mitsubishi 500 allows for programming of length, number of cuts, and desired angle.

From user-friendly operator controls, to easy access electrical and hydraulic cabinets, heavy-duty gear box and motor assembly, easy-glide carbide guides, and full stroke vises, the M-20A is solidly built to give you maximum productivity with the least amount of downtime. In short, it delivers the best cost-per-cut performance in its class.



Control Panel
The control switches are conveniently located within site operator reach. The Mitsubishi PLC 100 control can be programmed to handle 99 different jobs, including piece length and count.

Guides
Economy heavy-duty cast iron guide arms and carbide guides mean consistent accuracy of +/- .002 per linear inch or +/- .05 per mm. Less vibration, and extended blade life.

Electrical-Hydraulic Cabinets
Clean, quick access for easy servicing/repairs means minimal downtime.

Blade Wheel
Heavy-duty 20" x 59" mm cast-iron wheel and hydraulic blade tension ensures consistent performance and extended blade life.

Photos may show optional features.



For all the latest information and to see the full range of ROCK SOLID SAWING SOLUTIONS, visit our Web-site at www.hydmech.com

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