MRS340M

HEAVY DUTY MOVING BLADE MULTI RIP SAW

MRS340M1: 1 Moving Blade Multi Rip Saw
MRS340M2: 2 Moving Blade Multi Rip Saw

*2 Moving Blade Machine Shown

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SPECIFICATIONS

Max. cutting thickness (Fixed saws)	4.33" (110mm) with 14" blade 3.34" (85mm) with 12" blade
Max. cutting thickness (Moving saw)	4" (100mm) with 14" blade 2.95" (75mm) with 12" blade
Max. cutting thickness (w/ short stock device)	3.15" (80mm) with 14" blade 2.36" (60mm) with 12" blade
Max. cutting width	13.4" (340mm)
Max. material width	25.6" (650mm)
Min. material length (standard)	23.6" (600mm)
Min. material length (w/ short stock device)	19.7" (500mm)
Max. sawblade diameter	14" (355mm)
Min. sawblade diameter	12" (305mm)
Sawblade bore	Ø90 mm

Saw arbor diameter	Ø70 mm (2.8")
Saw arbor speed	3800 RPM
Thickness adjustment motor	0.5 HP
Saw arbor motor	50 HP
Feed motor	3 HP
Variable feed speed	16~132 FPM (5-40 M/min)
Moving speed of movable blades (2 speeds)	Fast: 3.15"/sec | Slow: 0.79"/sec
Dust hood dia.	(1) 10" x (1) 4"
Table height from floor (H)	35.5" (900mm)
Table area (L x W)	60" x 23.4" (1525 x 595mm)
Shipping dimensions	90" x 68" x 89"
Machine weight (NW / GW)	4840 lbs. / 5170 lbs.
Compressed air requirement	80~90 PSI

FEATURES

- Heavy-duty steel main frame
- Precision straight line feeding caterpillar chain is made from cast iron
- High frequency hardened feed chain guide rails provide up to 3-times the life of an untreated rail. This ensures a more precise cut.
- Chain connecting pins are made of high grade steel, heat treated & ground for high durability & low wear.
- Equipped with (4) pressure rollers which are pneumatically tensioned to ensure outstanding stability of the work piece during cutting operations
- Top pressure roller assembly adjustment is motorized with linear scale for quick thickness adjustment
- User friendly touch screen control on moveable pedestal for optimum operator convenience.
- (1) fully programmable blade position (10 programs of 10 sets each) or infinitely variable through joystick control.
- Touch screen control also incorporates error diagnostics which allows the operator to more easily identify faults that may arise.
- Saw blade positioning is accomplished by high precision ball screws coupled with industrial series servo motors and controls. Blade speed is infinitely adjustable from .78" to 3.54"/sec. (10 to 90mm per second) to match all operations.
- Precision spindle assembly is made of high wear resistant nickel chrome steel alloy
- Shifting saw bushings are specially designed for high accuracy and fast saw positioning
- (1) Quick Set Mechanically-Locked Saw Collar included for fast accurate sure holding of (1) saw blade in any stationary position
- Short stock cutting device is included (12" blades, 14" optional) which aids in holding the workpiece longer for optimum cutting results
- (3) rows of anti-kickback fingers, 3 Top & 1 Bottom
- Variable feed speeds of 16~135 FPM. (5~40m/min) is accomplished with an electronic inverter.
- Electronic overload sensing system is integrated to the inverter feed system providing automatic speed reduction under heavy amperage load.
- Laser light alignment system which adjusts automatically when the blades are being positioned. [*MRS340M1:* (4) 30mw Lasers including (3) fixed & (1) moving] [*MRS340M2:* (3) 30mw Lasers including (1) fixed & (2) moving]
- This laser light package improves material yield and reduces defects.
- Powered outfeed roll ensures that the material being cut leaves the machine completely.
- Electronic centralized lubrication system provides lubrication to the chain track assembly for optimum wear resistance
- Automatic star-delta starter (low amperage - soft start) and low voltage controls
- High quality Schneider electrical components (CSA/UL approved)

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