

N**ORTHTECH**

Machine, LLC

NT-MRS14N
Heavy Duty Gang Rip Saw



(Shown with optional infeed)

Key Machine LLC
1769 Harrisville Rd
Stoneboro PA 16153
sales@keymachinellc.com
724-301-0545

NORTHTECH

Machine, LLC

NT-MRS14N Heavy Duty Gang Rip Saw

- 3HP 2 speed motor
- Minimum length 17-3/4" single piece feed
- Close link chain vs. traditional open style with pinch points between links
- Mechanical oiler with low level shut down ensures lubrication to critical points
- (Optional) Power raise & lower of the top pressure group available
- 12" Ø blade can cut up to 3.7" depth
- 14" Ø blade can cut up to 4.7" depth
- 3 sets of top and bottom anti kickback fingers for operator safety
- Pivoting side guarding
- 12' Glue line rip capability with infeed/outfeed conveyor
- Low feed speed range: 25 - 60fpm
- High feed speed range: 48 - 120fpm
- 3500 RPM; 70mm arbor
- (1) Laser and standard mounting bracket included
- (1) Carbide tipped 12" x 36T x 70mm x 3.5mm blade included
- Fence dimensions: 103"L
- Amperage requirements: 230V/460V 70A/35A
- (2) 6" dust ports requiring 981 CFM at points of extraction.
- Net Weight: 4,402 lbs.
- Packing Weight: 4,694 lbs.
- Machine Dimensions: 67"L x 58"W x 71"H
- Packing Dimensions: 72"L x 65"W x 77"H
- (1) Tool box
- Warranty is one year parts
- All machines are tested at our corporate headquarters in Indiana prior to shipment providing trouble free start up.



Options:

- 12" Saw Blade (max cut 3.7")
- 14" Saw Blade (max cut 4.7")
- Extra Arbor and Spacers
- Powered Upper Assembly Elevation
- Sure Track Laser
- Sure Track Laser Bracket
- Sure Track Slide Rail
- Non marking rubber chain pads
- Infeed Conveyor
- Non marking UV Rubber insert feed chain
- Voltage change



(Optional infeed conveyor)

NT MRS14N 40HP
NT MRS14N 50HP
NT MRS14N 60HP

* Any shipping date quoted by Northtech is an estimation based on factory delivery. Northtech cannot guarantee delivery, nor do we assume any liability for delays or non-shipment arising from any cause. Pictures are for reference only, design and specifications of all Northtech Products sold are subject to change without notice.*

102 Walnut Street
Borden, IN 47106
(812) 967-7400 Fax (812) 967-7401
www.NorthtechMachine.com info@NorthtechMachine.com

Machine Features



- Fused multi port laser base with full chain coverage laser mount.
- (Optional) Upper pressure assembly can be powered by TEFC elevation motor.



- Rear chain tail guard keeps operators hands in a safe area.
- Safety guarding is mounted on all sides of the machines.



- Rear emergency stop for added safety.



- Mechanically variable feed speed controlled through a heavy duty gearbox is easily accessible from infeed side.

Machine Features



- Arbor elevation quickly adjustable through top mounted control with speed handle lock.



- Rigid 70mm arbor
- (1) Standard sleeve and full spacer set for any arbor setup included.
- Full pressure plate and partial plate (not shown) included.
- Full spacer set included: (8) .25mm, (10) .50mm, (18) 1mm, (4) 10mm, (4) 15mm, (3) 25mm, (2) 50mm



- Safety interlock on arbor door prevents operator access while blades are spinning and ensures power from being turned on while door is open.



- Upper and lower limit switches prevent crashing.

Machine Features



- Vernier height gauge for upper pressure assembly provides position reference.



- Serrated closed link dip chain provides glue line rip to 16'
- 33-1/2" Passline
- Upper hold down rollers are parallel matched to feed chain.



- 3 Rows of anti kickback fingers for added operator protection. (2) Top; (1) Bottom integrated into table.



- Brush on bottom side of chain keeps debris out of critical points while ensuring even coverage of lubrication, ensuring years of life.

Machine Features



- Control panel conveniently located at front side of machine.
- Operator has access to blade start/stop, feed start/stop, load meter, emergency stop, power switch, upper assembly position buttons.
- Actual controls may vary based on options selected.



- (2) Blade position reference lugs for dimensional stock ripping included.
- 27" of throat capacity with 7" to the right side of zero blade.



- Optional sure track laser rail individually control each laser without losing parallel blade/laser alignment.
- Up to (4) individual sure laser rails per laser bracket for full arbor coverage.

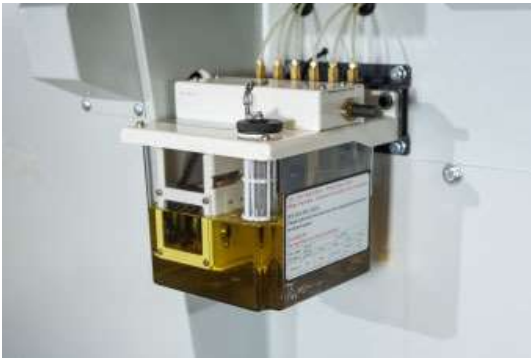


- Accurate blade position by vernier gauge.

Machine Features



- Electrical components are UL/CE approved.
 - Controls neatly organized in dust proof box.
-



- Mechanical oiler is linked directly to chain for more dependable oil application.
 - Oiler is equipped with low level alert and will shut down feed and prevent feed start without adequate oil.
-



- Set up jig holds arbor sleeve upright while building next set up.
 - Can easily be mounted to existing work bench.
-



- Access to the feed chain is protected with a safety switch and will shut down machine when opened.

Machine Features



- Reduced vibration due to dynamically balanced pulleys on motor and arbor for longer glue line rips.
- Matched set of (6) V-Belt Drive ensures constant power delivery to blades.



- (2) 6" dust ports requiring 981 CFM at points of extraction.



- Unconnected standalone operating sound level of 74 db.

Machine Features



- (Optional) Non marking chain with replaceable UV rubber pads.



- (Optional) Roller Infeed Fence is pneumatically locked/unlocked by foot control and glides work pieces effortlessly (regardless of weight) on dual centric rails.

- Raised shelf on back side for material layout.

- Adds additional operator safety by changing operating position to the side of the machine.



- Entire roller table slides across the centric rail system.

NORTHTECH

Machine, LLC



(Pictures for reference and may not represent exact options chosen)



102 Walnut Street
Borden, IN 47106
(812) 967-7400 Fax (812) 967-7401
www.NorthtechMachine.com info@NorthtechMachine.com