



MEREEN-JOHNSON

Leading Technology - Lasting Performance

Model 312-DC Fixed Arbor Straight Line Multiple Rip Saw



Glue Joint Rip Quality - Low Cost of Ownership - Priced for Small Shop Budgets

Field Proven Quality, Reliability, and Lowest Cost of Ownership

The Mereen-Johnson Model 312-DC offers all the quality, heavy-duty construction, and precision glue joint ripping capability you expect. What you would not expect is how affordable this machine is for any shop ripping up to 10,000 board feet per shift or for large operations that need multiple ripping cells for flexibility.

A severe duty direct drive arbor delivers unmatched performance without the need for belt replacement or constant adjustment. A precision high friction feed bed with replaceable steel backed rubber inserts securely carries material through the saw to assure a glue joint cut. The 312-DC is unmatched for reliability, durability, and low maintenance costs.

Features:

- **Posi-Feed** dip bed for absolutely straight line feeding.
- Cast Iron Mereen-Johnson built motor with precision tolerance spindle for true running performance.
- Press Roll/Hold down bed plate arrangement for positive stock containment, quality ripping, and extended tool life.
- Open Pressure Head design for access of saw blade alignment to optional laser lights and exclusive TwistLock tool change system.



Optional TwistLock saw collars are the industry's fastest and most reliable fixed blade setting system

Applications:

- Moulding Stock - Random width or full panel sheet.
- Dimension Stock - Precision components, S4S blanks, salvage, reclaim.
- Edge Glued Panels - Solid wood for panel stock.

Specifications:

- Capacity: 12" arbor space; thickness to 3-1/2", 30" min. length glue joint accuracy; 22" min. length bust up only. Left side open for ripping wide panels.
- Arbor Drive: 50 HP 3600 RPM TEFC direct arbor drive.
- Feed Drive: **Posi-Feed** friction feed bed with 5" pitch Mereen-Johnson **Double-Vee** chain and extruded structural aluminum feed slats with replaceable steel-backed rubber insert strips. Oil mist lube of chain and track. 30 to 235 FPM through freq. control.
- Hold Downs/ Bed Plate: Four 3" dia. air loaded press rolls. Full width spring loaded bed plate.
- Saw Sleeve: 12" capacity saw sleeve. Arranged for 10" to 14" dia. x 3-1/8" bore tooling.
- Saw Spacers: One set included.
- Dust Collection: One 8" and one 5" dia. upper; one 5" dia. lower; 3110 CFM total.
- Anti-Kickback Safety Device: Single bottom and double upper infeed; single upper outfeed.
- Stock Guide: Slide type adjustable guide.
- Electrical: Arranged for 3/60/230 or 460 volt power supply (other electrics available).
- Shipping Wt.: 6,500 Lbs. / 3,000 Kg. (approx.)
- Warranty: 2 years
- Options:
- Powered Vertical Arbor Adjust
 - TwistLock Saw Collars
 - Sound Enclosure
 - Laser Lights / Stand
 - Power Feed Table



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