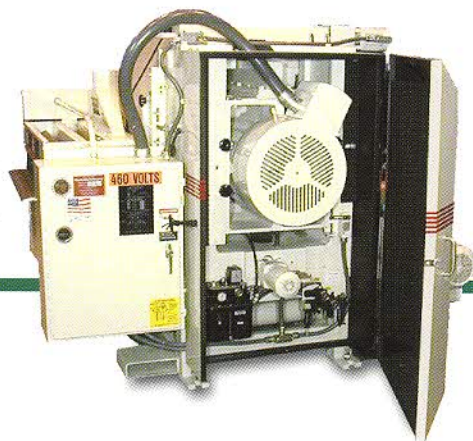
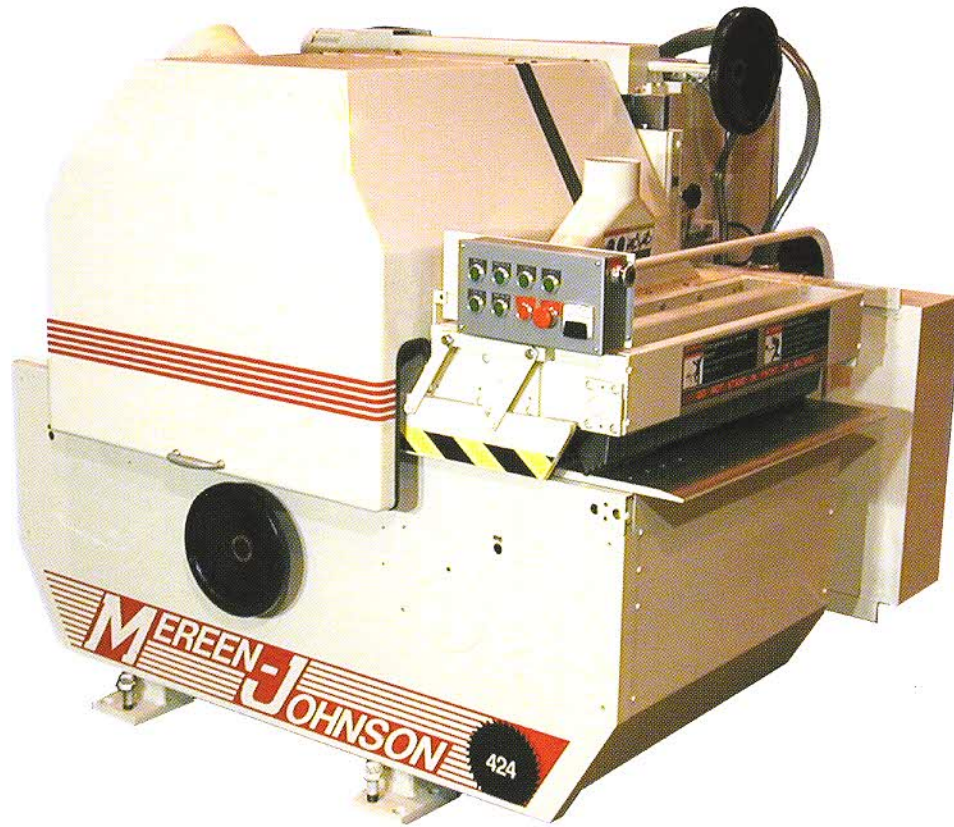




MEREEN-JOHNSON MACHINE CO. MODEL 400

Fixed Arbor Dip Chain MULTIPLE RIP SAWS



Infinite Saw Spacing Guaranteed Glue Joint Accuracy Higher Yields



MEREEN-JOHNSON Multiple Rip Saws

offer straight line precision ripping. Glue joint accuracy and straight cuts are automatic. Our "Posi-Feed" dip bed provides optimum accuracy and no slippage using the same dependable straight feeding exclusive "DOUBLE-VEE" chain as used on Mereen-Johnson tenoners. There are currently over 1,500 of these high production rip saws in use around the world meeting a wide range of applications.

- **Guaranteed Glue Joint Accuracy**

Straight, smooth, and square joints.

Field proven glue joints using high frequency or clamp carrier systems.

- **Straight Line Multiple Ripping for Dimension Parts**

Minimum moulder stock removal in solid wood, MDF, or particle board

Width accuracy guarantee +.005 inches.

- **Panel Re-Ripping Production with Your Choice of Arbor Width Capacity**

Short stock capability.

Auto infeed systems available.

- **More Models - More Choices**

DC Series: Our Dip Chain Series is the "Standard of the Industry"

Available in 12 inch, 19 inch, 24 inch, 31 inch and now 40 inch width capacity.

DCS Series: Multiple Ripping Short Stock

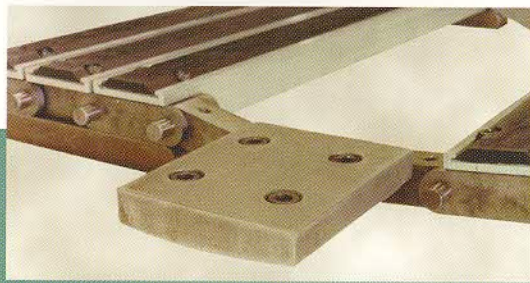
The same precision and capacity of the DC Series.

Select-A-Rip Series: Squeeze more yield out of any material

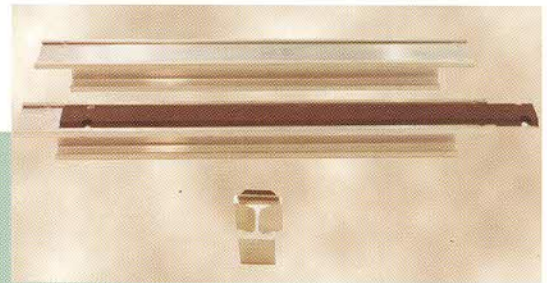
One to six movable saws with vision scanning rip optimization.



**MEREEN-JOHNSON
MACHINE COMPANY**

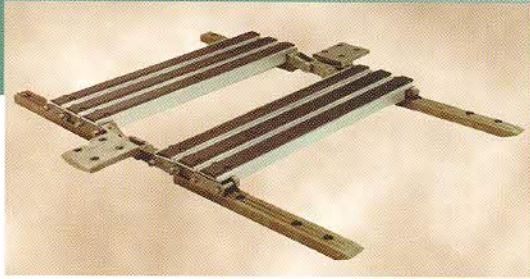


"DOUBLE-VEE" tracking feed chain and chainway, hardened extended pins and exclusive hardened "Quiet Action" dip cams.

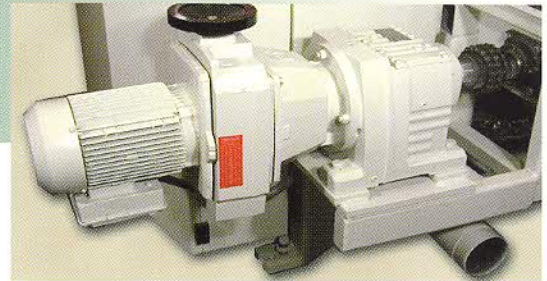


Mereen-Johnson exclusive "Posi-Feed" heavy duty structural aluminum feed slat with replaceable steel backed long wearing rubber inserts.

Posi-Feed



Mereen-Johnson's famous "DOUBLE-VEE" precision feed chain and chainway.

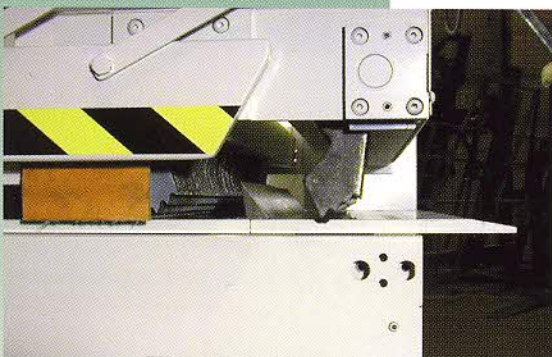


Direct coupled feed drive for smooth, maintenance free operation. Feed speeds 30-150 FPM, optional to 225 FPM.

Safety

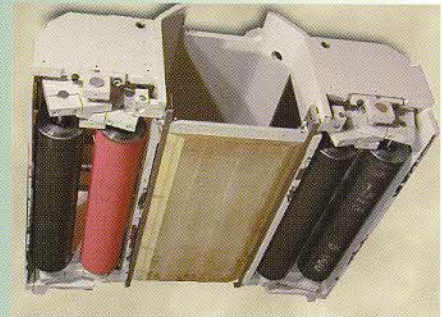


One additional row of outfeed upper anti-kickback fingers.

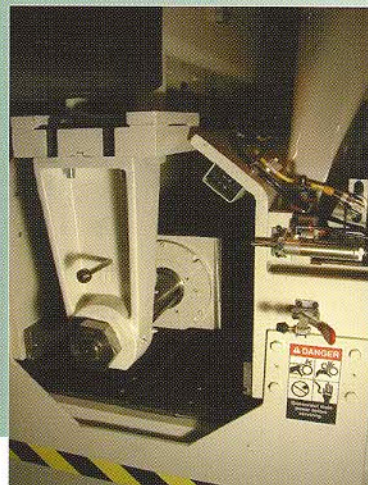


Two rows of upper and one row of lower infeed anti-kickback fingers. Side skirt LH side of machine.

Pressure Head

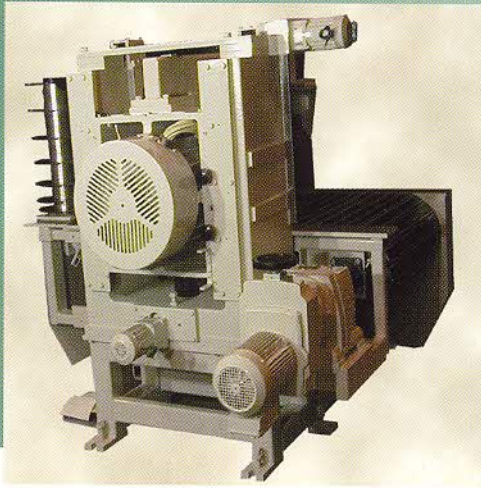


Upper air loaded press rolls and full width spring loaded bed plate assures smooth and straight ripping.

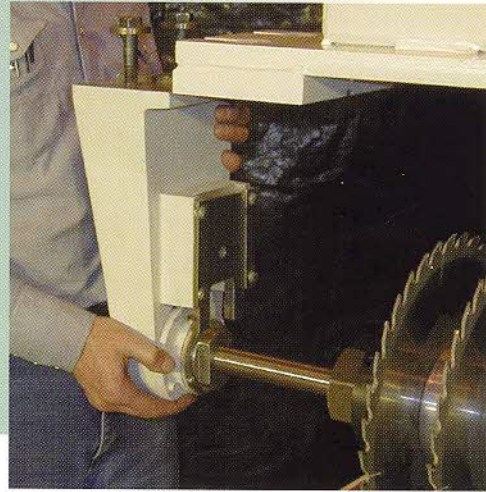


Close-up of outboard bearing unit, full width bed plate, and safety interlock on access door.

Arbor

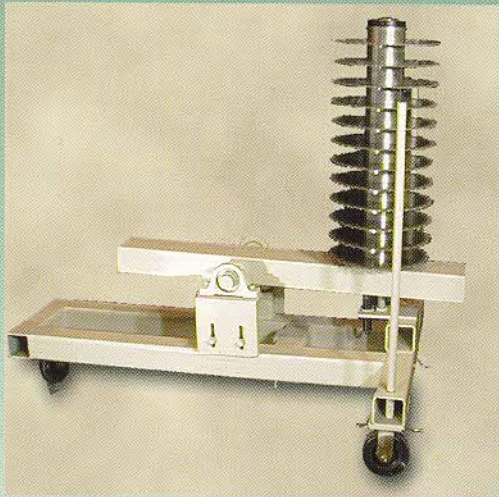


Mereen-Johnson's Exclusive cast iron TEFC saw arbor motor and U-shaped motor support column. Powered vertical raise and lower of arbor standard.

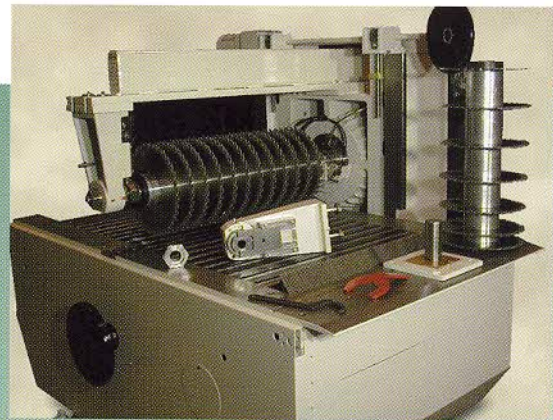


Easily removable cast aluminum outboard end bearing with hardened hex sleeve clamp nut. Sliding lock to secure the arbor facilitates saw sleeve change-overs.

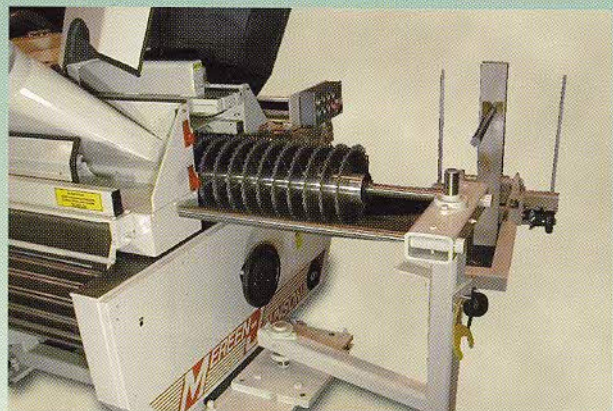
Change Over



SAW SLEEVE TIP-UP CART ACCESSORY
Used in conjunction with the saw sleeve swing arm, the tip up cart provides the preferred vertical set-up method for installing saw blades and spacers on the saw sleeve.

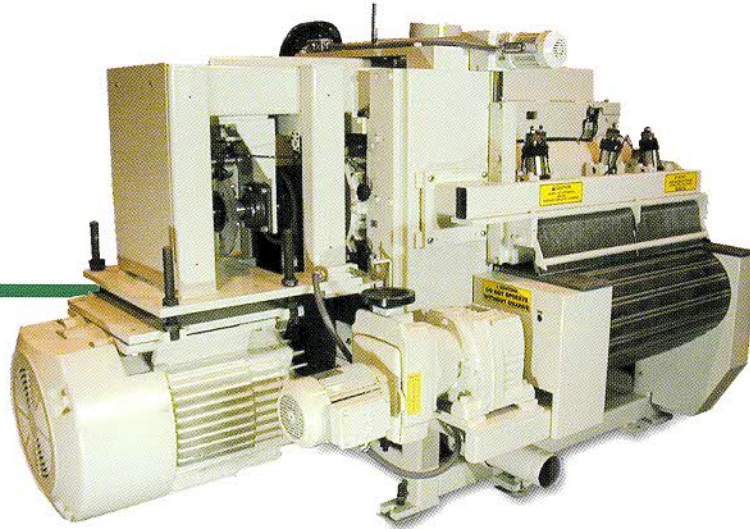


Mereen-Johnson heavy duty TEFC saw arbor motor with disc type arbor brake. Shown with setup accessories (pressure head removed).



SWING ARM ACCESSORY
Saw sleeve swing arm provides an easy and safe means for loading and unloading saw sleeves from the gang rip saw.

WORLD CLASS PERFORMANCE



Mereen-Johnson Rip Saws deliver consistent, reliable accuracy, whether ripping for moulding stock, dimension, edge glued panels, or re-ripping finger joint blanks for edge gluing.

APPLICATIONS:

Moulding Stock

Whether it's ripping random width solid lumber or full sheets of MDF, Mereen-Johnson offers greater accuracy and wider capacity machines for better utilizing your raw materials, increasing your profit margins.

Dimension Stock

Precision components, S4S blanks for cabinet shops, re-ripping for salvage/reclaim operations. Increased accuracy means fewer rejects and higher value.

Edge Glued Panels

Ripping solid wood and re-ripping finger joint blanks for edge glued panels. Some saw manufacturers say their machines can provide glue joint accuracy. We guarantee it! With minimal maintenance your Mereen-Johnson saw will provide glue joints for many years.

INTERNATIONAL SPECIFICATIONS:

Certifications:  CE,  UL,  C-UL available.

Electrical: Available in 60 cycle 230, 380, 460, 575 volt. 50 cycle 380, 415 volt.

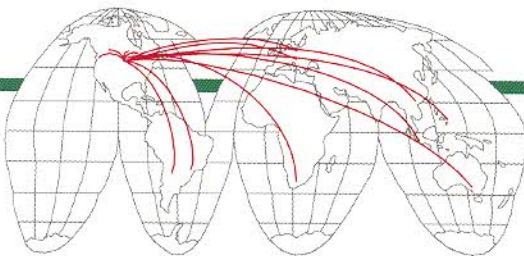
Arbor Drive: Belt driven arbors with 75 HP, 100 HP, 125 HP, or 150 HP motor options.

Tooling: Arranged for 80 mm bore, smooth bore, single or double keyways.

Spacers: Imperial or metric dimensions available.

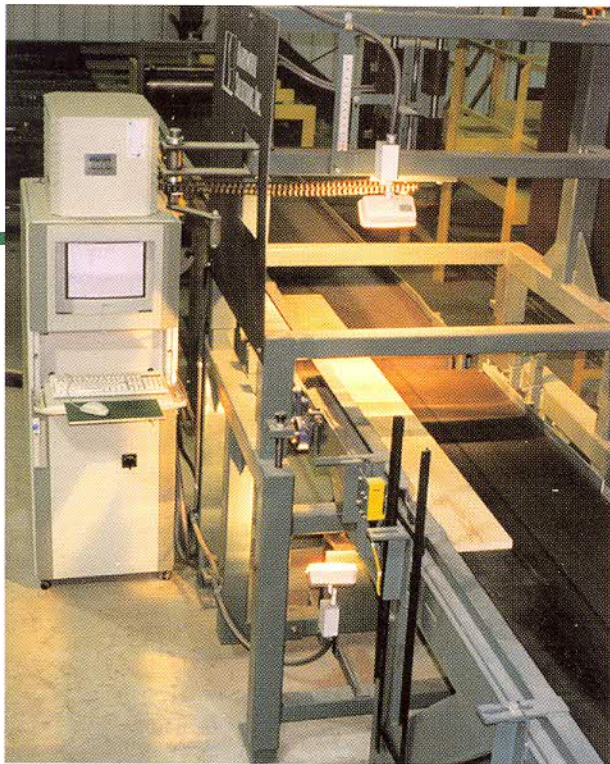
Shipping Arrangements: CIF, by request.

Mereen-Johnson offers more choices to meet your application requirements!



Mereen-Johnson currently has over 1,500 machines in operation worldwide with local representation for sales and services support.

A Mereen-Johnson Rough Mill System Increases Yield, Production, Accuracy and Reduces Change-Overs



VISION SCANNING

Complete Rough Mill Rip Optimizing Systems available using High Speed Vision Scanning Technology. Maximum board utilization can be realized by optimizing the board by width and length to your defined cutting requirements.

SPECIFICATIONS:

- Models:** 412-DC, 419-DC, 424-DC, 431-DC, 440-DC Series, 424-DCS, 431-DCS (Short Stock Series)
- Application:** Multiple straight line and glue joint ripping.
- Capacity:** Arbor widths of 12 inches, 19 inches, 24 inches, 31 inches and 40 inches as signified by model number. Thickness of 1/4 inch to 3-1/2 inch. Right hand throat clearance 6 inches beyond capacity. Standard DC Series minimum length: 22 inches for bust up; 30 inches for guaranteed glue joint rips; Short Stock DCS Series minimum length: 14 inches for bust up; 22 inches for glue joint accuracy.
- Production:** Feed rates infinitely variable 30 to 150 FPM. Variety of optional HP and feed rates available to 225 FPM.

- Arbor:** Powered vertical raise and lower and disc type arbor brake standard. 2-3/16 inches diameter arbor complete with slip-off outboard end bearing. Horsepower range to 150 HP. Saw sleeves for 3-1/8 inch bore tooling. Saw spacers are precision machined aluminum.
- Feed:** Traveling "Posi-Feed" friction bed with extruded aluminum feed slats and replaceable steel backed rubber insert strips carried on precision DOUBLE-VEE heat treated chains and track. Feed bed dips under arbor to allow infinite saw spacing. Oil mist lubrication of chain and track with low level/pressure shut-off switch in oil reservoir.
- Guide:** Slide type quick-adjusting guide optional. Complete infeed systems with adjustable guides optional.
- Hold Downs/Bed Plate:** Powered vertical adjust of press rolls and bed plate for thickness adjust. Four air loaded overhead ideal pressure rolls on DC Series, five air-loaded on DCS Series. Full width easily replaceable bed plate.
- Sound Enclosure:** Machine mounted sound enclosure standard.
- Features:** Standard equipment includes upper dust hoods, lower dust chute with exhaust hood, infeed double upper and single lower anti-kickback fingers, outfeed upper anti-kickback fingers, safety lock-out on arbor access door, one complete set of assorted saw spacers and set-up tools.
- Optional:** Additional removable saw sleeves; saw blades and spacers to order; saw sleeve set-up cart, and saw sleeve swing arm.
- Shipping Weight and Dimensions:** Approx. 9,500 lbs.; 7' L x 7' W x 5-1/2' H (depending on model)

HELPING TO SHAPE TODAY'S ADVANCED MACHINING REQUIREMENTS THROUGH ENGINEERING AND TECHNOLOGY



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