

MPW

02/20/03

02/27/03

9854C

None

03/28/03

Webster, SD  
Truck-Collect

15240

3/60/460 volt

110 volt

**MODEL #312-DC/SR STRAIGHT LINE MULTIPLE RIP SAW (I-SERIES)**

GENERAL

Metric fasteners.

CAPACITY

Arbor space 12". Thickness to 2" with 12" tooling, 3" using (14" tooling. 22" min. length. 6" throat.

ANTI-KICKBACK ASSEMBLIES

Single bottom and double upper infeed and single upper outfeed.

GUIDE

No guide, arrange only.

SELECT SAW AND HORIZONTAL ADJUST

One (1) outboard select saw assembly. Powered horizontal adjustment at nominal 2" per second by Tolomatic / Quicksilver brand Servo linear positioning actuator mounted on pressure head. Arrange for 12" or 14" dia. face mounted saw blades. New extended style vertical support arm with vertical slide adjust through thickness range. Arrange for integration to Rip Optimizing System (brand name to be specified). 4" x 6" color touch screen interface mounted in free-standing control pedestal with 20' SO cord. 1" minimum distance between select saw and outboard fixed saw, 5.25" maximum, with saw mounted on outboard collar.

LASER GUIDE LIGHTS

One diode laser mounted to shifting saw mechanism. Machine mounted, extruded aluminum laser bracket, 12" width capacity. Arranged for mounting up to five (5) diode laser lights with manual horizontal adjust. Quantity by addendum.

FEED BED

5" pitch DOUBLE-VEE chain, dip bed, Dual-Life Contoured Dip Cams, aluminum feed slats and steel-backed rubber inserts. Oil mist lube with low level auto shut-off.

HOLD DOWNS & BED PLATE

Four 3" dia. air loaded overhead idle press rolls. Pressure head with hinged access plate top / infeed side of machine. Access plate with hold up device, electric interlock, and air cylinder lock out. Full width spring loaded bed plate, notched to allow select saw horizontal adjust. Press rolls and bed plate unit manual handwheel vertical adjust, scale and pointer thickness reference.

DUST COLLECTION

Two upper dust hoods; (1) 8", (1) 5". One lower dust collection (5").

FEED DRIVE

3 HP TEFC, 30' to 150' rate. Direct coupled drive. Adj. current trip jam protection.

ARBOR DRIVE

50 HP 3600 RPM TEFC (quiet fan) M-J direct drive 12 lead motor, 2-9/16" dia. arbor with 1/2" wide by 1/8" double key, 180° opposed. Arbor arranged for hydrosleeve with standard arbor collar mounted drive keys. Hydrosleeve not provided. Arbor ammeter. Lock-out on access door. arbor brake (except when second select saw is added).

SAW SLEEVES

Two 7" capacity sleeves with 1/2" wide by 1/8" high internal double keyway, 180° opposed, tooling 3-1/2" O.D. Arranged for 14" max. dia. tooling.

STANDARD ARRANGEMENT

One bench mounting stub.

ELECTRICAL

All internal wiring complete, IEC arbor motor with modular design contactor and adjustable overload. Tolomatic / Quicksilver positioning system arranged for integration with customer supplied 110 volt drop. Feed drive with IEC integral self protected starter, adjustable overload protection and adjustable current trip. 110 volt control circuits, transformer and fusing provided. Safety interlock in starter cabinet door. Arbor access door with air cylinder interlock integrated with arbor brake and arbor zero motion detection. All motors arranged for 3/60/230 or 460v. Include IEC starters sized for 3/60/460v. Arbor motor fusing and main disconnects not included.

SAW SPACERS

4-15/16" O.D. x 3-1/2" I.D. Two sets of spacers, total quantities and widths as follows:

6 - 1.00" aluminum	4 - .125" aluminum
6 - .750" aluminum	<del>4 - .015" plastic</del>
4 - .500" aluminum	<del>6 - .030" plastic</del>
4 - .250" aluminum	<del>6 - .060" plastic</del>

PAINT

Machine: Balsam White; Safety Scheme: Safety Red

MANUAL

~~To be advised.~~

# MEREEN-JOHNSON MACHINE COMPANY

## ADDENDUM

MJ-6530

MPW

Date: Feb. 26, 2003

CUSTOMER: \_\_\_\_\_

MACHINE: MODEL #312-DC/SR RIP SAW

### LASER GUIDE LIGHT

Provide five (5) stationary laser guide light with manual horizontal adjust.

### SAW SLEEVES

Provide two (2) 7" capacity standard clamp-up saw sleeves, 3-1/2" O.D.

### ELECTRICAL

POWER: 3/60/460 volt CONTROLS: 110 volt

Integrate with Rip Navigator, see MJ-6647.

### SAW SPACERS

Provide two (2) sets of spacers, total quantities and widths:

6 - 1.000" alum.	4 - .125" alum.
6 - .750" alum.	8 - .060" plastic
4 - .500" alum.	8 - .030" plastic
4 - .250" alum.	8 - .015" plastic

### TOOLING

Gang sleeve mounted saws: ten (10) #618809, 12" dia. x 36 tooth x .160" kerf.

Select saw: two (2) #618810, 12" dia. x .312" kerf x 36 tooth.

### MANUAL

Send operations manual and video to:

### SHIPPING INSTRUCTIONS

Ship Date: March 28, 2003; Collect; FOB Webster, SD. Ship with Rip Navigator, MJ-6647.