

marvel®

MANUFACTURING COMPANY, INC.

SERIES 8

8-MARK II

8-MARK III

CAPACITY: 18" X 22"



8-MARK III

THE WORLDS MOST
POPULAR TILT-FRAME
BAND SAW



EXPECT QUALITY, DEMAND PERFORMANCE

Visit us at: www.MarvelSaws.com

- **Speed Range:** 50 – 450 fpm (15 – 137 m/min) infinitely variable with inverter drive.
- **Front Mounted Speed Control:** Allows blade speed to be adjusted from operator's control station.
- **Feed Pressure:** Infinitely variable with control on operator's panel and Automatic Column Return. Column feed is mechanical with Marvel clutch power feed.
- **T-Slotted Work Table:** Work area 24.25" x 33" (616 mm x 838 mm); Table height 34.5" (876 mm)
- **Wheel Diameter:** 19" (482 mm), cast iron wheels.
- **Blade Break/Stall Detection:** Standard equipment, shuts off machine in the event of blade breaking or stalling.
- **Quick-Action Vise:** Jaws can be shifted to either right or left side of blade. Jaws are 6" (152 mm) high, 12" (305 mm) wide.
- **Automatic Stops:** Adjustable stops can be pre-set to stop advance and return of blade, and also to stop motor at any location within the 18" (457 mm) travel of the blade.
- **Flushing Hose:** Washes chips from hard to get at places reducing clean-up time.
- **Power Chip Brush:** Together with blade wipers and flood coolant deep blade teeth free of chips.

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8-MARK III

CONTROLS

IEC fused disconnect switch and magnetic motor starters, with overload and low-voltage protection.

Disconnect is NFPA79 compliant. DC Power supply provides low voltage control (24 Volts) to all push buttons at operator's control panel and machine lighting circuits.

PLC control and components mounted in moisture proof NEMA 12 compartment. Electrical Panel is UL labeled.



SAW COLUMN

Marvel's patent pending Quick Change Column is standard on all machines. Allows column to be set either upright or at a 3° forward cant. (8-MARK III model only)

**8-Mark II model is available in either 90° or 3° cant.*

Column travels on recirculating linear ball bearing rails.

MITERED CUTTING

Column and blade tilt right and left of vertical; work always stationary.

Manual tilt standard with Sure-Lock and Built-in protractor. Electric Power tilt optional.



COOLANT SYSTEM

Built In with flood system, available with added optional drop lubrication system (Option Codes ML1 & ML2).

Controlled by on-off selector switch at operator's station.

Tank capacity 21 gallons (79 liters).

OPTIONAL M6 HIGH COLUMN

Column 6" longer than standard, providing increased vertical capacity to 28" at vertical position.

**Includes option code 8/M3M powered tilt. (8-MARK III model only)*



8-MARK III

60° Mitring Both Ways



8-MARK II

45° Mitring Both Ways



PRODUCT SPECIFICATIONS

8 MARK II

Rectangular Capacity	Standard Capacity	M6 High Column Capacity
Capacity 90°	18" x 22" (457mm x 558mm)	18" x 28" (457mm x 711mm)
Capacity 45°	18" x 12.75" (457mm x 324mm)	18" x 17" (457mm x 432mm)

*High column machines require a 15'6" (4724mm) blade.

Tilt	0 to 45° Left and Right
Drive Motor	5 HP (3.75kw)
Blade Size	14'6" x 1" x .035" (4420mm x 25mm x 89mm)
Blade Speed Range	50-450fpm (15-137m/min)
Feed Pressure	0-140lbs (0-64kg)

8 MARK III

Rectangular Capacity	Standard Capacity	M6 High Column Capacity
Capacity Nominal	18" x 22" (457mm x 558mm)	18" x 28" (457mm x 711mm)
Capacity 45° Right	18" x 14.5" (457mm x 368mm)	18" x 18.75" (457mm x 476mm)
Capacity 45° Left	18" x 13" (457mm x 330mm)	18" x 18.3" (457mm x 439mm)
Capacity 60° Right	18" x 9.7" (457mm x 246mm)	18" x 12.5" (457mm x 317mm)
Capacity 60° Left	18" x 7.3" (457mm x 185mm)	18" x 10.25" (457mm x 260mm)
Capacity 3° Forward Cant	17.5" x 22" (445mm x 558mm)	17.5" x 28" (445mm x 558mm)
Round Capacity		
Capacity Nominal	18" (457mm)	18" (457mm)

*High column machines require a 16'4" (4978mm) blade.

Tilt	0 to 60° Left and Right
Drive Motor	5 HP (3.75kw)
Blade Size	15'4" x 1.25" x .042" (4674mm x 32mm x 1.07mm)
Blade Speed Range	50-450fpm (15-137m/min)
Feed Pressure	0-250lbs (0-1114N)
UL Listed	1-UL Listed



MANUFACTURING COMPANY, INC.

3501 Marvel Drive • Oshkosh, WI 54902 • USA
Phone: 920.236.7200 • Fax: 920.236.7209 • Email: sales@marvelsaws.com

Visit us at: www.MarvelSaws.com

