

April 17, 2015



**BAXTER
VERTICUT[®]
INC.**
BANDSAW MACHINES



- **ROUND CUTTING CAPACITY**
 - 19½" DIAMETER AT 90° AND ±45°
- **RECTANGULAR CAPACITY**
 - 19½" X 27½"
- **MITTER CUTTING**
 - 0° TO ±45°
 - DIGITAL DISPLAY
 - ADJUSTABLE TILT SPEED

- **BLADE SIZE**
 - 1¼" X 17'
- **BLADE MOTOR**
 - 7½ HP
- **FULL STROKE HYDRAULIC VISES**
- **HYDRAULIC BLADE TENSION**
- **HYDRAULIC UPPER GUIDE MOVEMENT**
- **FRONT AND REAR TRAVEL STOPS**



MADE IN CANADA

**BAXTER SAW™ - MODEL 500MV
MITERING VERTICAL BANDSAW**



BAXTER SAW™ - MODEL 500MV MITERING VERTICAL BANDSAW

CUTTING CAPACITY

Round at 90°	19½" (500 mm)
Round at 45°	19½" (500 mm)
Rectangular	19½" x 27½" (500 x 700 mm)

SPECIFICATIONS

Blade Size	1¼" x 17' (38 x 5180 mm)
Blade Speed (ft/min)	80 to 450 (18 to 122 m/min)
Blade Tension (spring compensated)	25,000 psi (172 MPa)
Table Height	41¾" (1060 mm)
Maximum Work Load	6,000 lb. (2700 kg)
Machine Weight	4,000 lb. (1800 kg)
Overall Dimensions	117" x 63" x 106½" (2890 x 1600 x 2705 mm)

DRIVE

Blade Drive	7½ Hp (5.5 kW)
Hydraulic Drive	3 Hp (2.2 kW)
Voltages available (three phase)	575 and 460

FEATURES INCLUDED AS STANDARD EQUIPMENT

- Machine can miter cut 45 degrees to the right and left, as well as cut vertically
- Angle is adjusted hydraulically
- Material is clamped by hydraulic vises – left & right of blade
- Variable vise pressure with panel mounted adjusting valve
- Machine movement is on linear bearings to provide maximum rigidity and smooth motion
- The saw head feed utilizes a load sensing valve which stops the feed if the blade starts to overload, typical when cutting the web of structural shapes
- Blade Guides are carbide faced with roller to remove blade twist and dampen vibration
- Magnetic motor starter with automatic shut off at the end of cut, motors thermal overload protection
- Blade is preloaded to optimize cutting
- Blade tension is adjusted hydraulically
- Blade drive system consists of a direct drive, high efficiency planetary gear drive. Blade speed controlled with a variable frequency drive
- Manual saw forward, saw retract, saw cut, vises open/closed, slow and fast and saw head tilt
- Semi automatic cut cycle consists of saw start, saw cut, saw stop, and saw retract
- Adjustable stops for saw travel forward allow notching of blocks and saw retract to allow for different sizes of material
- Steel wheels with ductile iron hubs
- Flood coolant system to both saw guides and an adjustable nozzle mounted on a saw head, all with adjustable flow rates
- Electrical system uses only C.S.A./UL approved components and is electrically approved
- Premium quality bimetal bandsaw blade

OPTIONS

- Conveyor 10' long
- Swivel Vise Jaws to allowing the cutting of compound angles
- Adjustable Head Cant of 3°

Due to Baxter Verticut's policy of continuous improvement we reserve the right to make any changes to the machine without incurring any obligations. Machine shown may have optional equipment installed.

The machine warranty is for a period of one year from date of purchase, some exceptions apply, contact the manufacturer for full details. This price list supersedes all previous price lists. All taxes are extra. Terms are C.O.D. Machines are F.O.B. our plant.