



**BAXTER
VERTICUT®
INC.**
BANDSAW MACHINES

MODEL 475M SEMI-AUTOMATIC HORIZONTAL MITER BANDSAW



CUTTING CAPACITY	
Round at 0°	18" (460 mm)
Rectangular at 0°	17¼" x 25½" (438x648 mm)
Rectangular at 45° (max. height)	17¼" x 15¾" (438x400 mm)
Rectangular at 45° (max. width)	13" x 18½" (330x470 mm)
Rectangular at 60° (max. height)	17¼" x 9½" (438x241 mm)
Rectangular at 60° (max. width)	13" x 15¾" (330x400 mm)
SPECIFICATIONS	
Blade Size	1¼" x 26'6" (34x5030 mm)
Blade Speeds (variable)	60 to 400 ft/min (18 to 21 m/min)
Blade Tension (spring comp.)	30,000 psi
Table Height	26 ¼" (670 mm)
Maximum Work Load	5,000 lb. (2050 kg)
Machine Weight	2,800 lb. (1090 kg)
Overall Dimensions	9' x 5' x 8' (2750x1500x2400 mm)
DRIVE	
Blade Drive	5 HP (3.75 kW)
Hydraulic Drive	2 HP (1.5 kW)
Voltages available (three phase)	575, 460, 230 and 208

Standard Features

- Double column machine provides maximum capacity and rigidity
- Blade angle is at 4° from the horizontal which assists in the cutting of large sections and structural profiles
- Hydraulic lift of the saw head
- Hydraulic full stroke vise
- Hydraulic miter of saw head with digital display of angle
- Design utilizes linear bearings for high stiffness and smooth motion
- Electronic variable speed
- Blade breakage and open door automatic shut off with alarm indicator
- Saw up travel can be set to minimize distance between the blade and the top of the material
- Semi-automatic cut cycle
- Manual saw control, saw up, rapid saw down, saw cut
- Cutting feed rate hydraulically adjusted with Load sensing valve stops the feed if the blade starts to overload
- Power disconnect on machine
- Powered blade brush to remove cutting chips
- Blade guides are carbide faced with rollers to remove blade twist and dampen vibration
- Flood coolant system to both saw guides with adjustable flow rates
- Direct blade drive using a planetary gear box for a high efficiency design
- Electric system uses only C.S.A./UL approved components and is electrically approved
- Premium quality bimetal bandsaw blade
- Instruction and parts manual



Model 475M

Available Options

Laser Line Cut Indicator

Powered Neoprene Roll (7" diameter)

Work Light

Conveyor (10')

Crating Charges

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