



**BAXTER
VERTICUT®
INC.**
BANDSAW MACHINES

BAXTER SAW MODEL 400M SEMI-AUTOMATIC BANDSAW



CUTTING CAPACITY

Round at 0°	16" (400 mm)
Round at 45°	14" (355 mm)
Round at 60°	10" (250 mm)
Rectangular (maximum width)	8 1/2" x 21" (215 x 530 mm)
Rectangular (maximum height)	15" x 17" (380 x 430 mm)

SPECIFICATIONS

Blade Size	1" x 13'6" (27 x 4115 mm)
Blade Speeds	70 to 450 ft/min (21 to 137 m/min)
Blade Tension (spring comp.)	28,000 psi (193 MPa)
Blade Guides	Carbide with Rollers
Table Height	31" (787 mm)
Maximum Work Load	3,000 lb. (1350 kg)
Machine Weight	1,750 lb. (800 kg)
Overall Dimensions	81"x46"x55" (2057x1170x1400 mm)

DRIVE

Blade Drive	3 HP (2.2 kW)
Hydraulic Drive	1 HP (.75 kW)
Voltages available (three phase)	575, 460, 230 and 208

Standard Features

- Scissor-type saw with heavy duty all welded design for rigidity and strength
- Saw frame swings 45° forward, 60° to the rear allowing miter cutting without swinging the material, indicating scale showing cut angle, hard stops at +45°, 0° and -60°
- Hydraulic saw head lift and full stroke material clamp
- Large base for stability with large coolant catch area
- Pivot uses taper roller bearings for a highly rigid machine with smooth low friction movement
- Conveniently located control station mounted on a swinging console for operator convenience
- Cutting feed hydraulically regulated with feed rate scale
- Magnetic motor starter with automatic shut off at the end of cut, motor thermal overload protection
- Power disconnect on machine
- Blade guards and fully enclosed drive belt guard
- Powered blade brush to remove cutting chips
- Adjustable material length stop for repetitive cutting
- Ductile iron wheels
- Blade guides are carbide faced with rollers to remove

- blade twist and dampen vibration, internal coolant channel to lubricate guides and direct coolant onto blade
- Flood coolant system to both saw guides with adjustable flow rates
- Gear box designed for heavy duty bandsaw machines, precision worm shaft on taper roller bearings and phosphorous bronze worm gear set supported on sealed ball bearings, oil bath lubrication
- Electric system uses only C.S.A./UL approved components and is electrically approved
- Premium quality bimetal bandsaw blade
- Instruction and parts manual

Model 400M

Available Options

Single Phase Power (220/1/60 2 hp)

Work Light

Heavy Duty 5 hp, 1 1/4"x14'6" Blade

Conveyor (10')

Crating Charges



27 Kenhar Drive, North York, Ontario, Canada M9L 1M9

Tel 416-741-7100 Fax 416-741-7114 email info@verticut.com www.verticut.com

