



**BAXTER  
VERTICUT®  
INC.**  
BANDSAW MACHINES

# BAXTER SAW MODEL 475SA SEMI-AUTOMATIC BANDSAW



CUTTING CAPACITY	
Round at 0°	18" (475 mm)
Round at 45°	13 <sup>3</sup> / <sub>8</sub> " (340 mm)
Rectangular	18" x 25" (475 x 635 mm)
SPECIFICATIONS	
Blade Size	1 <sup>1</sup> / <sub>4</sub> " x 16'5" (34 x 5000 mm)
Blade Speeds	60 to 400 ft/min (18 to 122 m/min)
Blade Tension (spring comp.)	30,000 psi (207 MPa)
Blade Guides	Carbide with Rollers
Table Height	26 <sup>1</sup> / <sub>4</sub> " (660 mm)
Maximum Work Load	4,500 lb. (2050 kg)
Machine Weight	2,400 lb. (1090 kg)
Overall Dimensions	108"x60"x96" (2740x1525x2440 mm)
DRIVE	
Blade Drive	5 HP (3.75 kW)
Hydraulic Drive	1 HP (.75 kW)
Voltages available (three phase)	575, 460, 230 and 208

## Standard Features

- Double column machine provides maximum capacity and rigidity
- Design utilizes linear bearings for high stiffness and smooth motion
- Electronic variable speed
- Blade breakage and open door automatic shut off with alarm indicator
- Hydraulic lift of the saw head
- Saw up travel can be set to minimize distance between the blade and the top of the material
- Saw down travel can be set to allow notching of blocks
- Semi-automatic cut cycle
- Manual saw control, saw up, rapid saw down, saw cut
- Cutting feed rate hydraulically adjusted
- Load sensing valve stops the feed if the blade starts to overload, typical cutting structural shapes
- Magnetic motor starter with automatic shut off at the end of cut, motors thermal overload protection
- Power disconnect on machine
- Blade guards
- Powered blade brush to remove cutting chips
- Quick acting material clamping
- Miter cuts up to 45 degrees by swiveling vise
- Adjustable material length stop for repetitive cutting
- Steel wheels
- 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 475SA

Available Options

Hydraulic Vise

Variable Vise Pressure

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

