



**BAXTER  
VERTICUT®  
INC.**  
BANDSAW MACHINES

# BAXTER SAW MODEL 475HFA SEMI-AUTOMATIC BANDSAW

CUTTING CAPACITY	
Round at 0°	18" (460 mm)
Rectangular	18" x 36" (460 x 915 mm)
SPECIFICATIONS	
Blade Size	1½" x 18'8" (38 x 5690 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	26¼" (660 mm)
Maximum Work Load	7,000 lb. (3180 kg)
Machine Weight	5,200 lb. (2360 kg)
Overall Dimensions	119"x88"x80" (3020x2235x2030 mm)
DRIVE	
Blade Drive	10 HP (7.5 kW)
Hydraulic Drive	3 HP (2.25 kW)
Voltages available (three phase)	575 and 460



## Standard Features

- Material is feed via a shuttle vise
- Stroke of vise is 24" (610 mm) with a length limit of 96" (2440 mm)
- Length of cut accuracy to +/- .015" (.4 mm), repeatability +/- .005" (.1 mm)
- Double columns provide maximum capacity and rigidity
- Utilizes linear bearings for high stiffness & smooth motion
- 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
- Electronic variable speed drive, panel adjustable
- Parts counter up to 9999
- Fully-automatic cut cycle, consists of material advance, saw cut at end of cut the saw head will raise to top, repeat until parts counter decrements to 0
- Manual saw control, saw up, rapid saw down, saw cut, vises open/close, shuttle advance/retract
- Cutting feed rate hydraulically adjusted
- Load sensing valve which stops the feed if the blade starts to overload, typical when cutting the web of structural shapes.
- Full stroke hydraulic vises, with stationary vise retract of 1/2" to avoid interference with material.
- Top vises with replaceable heavy flexible strip to clamp uneven material
- Variable vise pressure.
- Discharge table 37" wide by 24" long
- Steel wheel with ductile iron hubs
- Blade guides are carbide faced with rollers to remove blade twist and dampen vibration
- Flood coolant system to both saw guides and separate nozzle to allow coolant to center of cut with adjustable flow rates
- High efficiency direct drive planetary gear drive system
- Electric system uses only C.S.A./UL approved components and is electrically approved
- Premium quality bimetal bandsaw blade, Instruction and parts manual



## Model 475HFA

Available Options

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](mailto:info@verticut.com) [www.verticut.com](http://www.verticut.com)

