



**BAXTER  
VERTICUT®  
INC.**  
BANDSAW MACHINES

# BAXTER SAW MODEL 700SA SEMI-AUTOMATIC BANDSAW



CUTTING CAPACITY	
Round at 0°	27½" (700 mm)
Rectangular	27½" x 27½" (700 x 700 mm)
SPECIFICATIONS	
Blade Size	1½" x 23' (41 x 7010 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	27" (660 mm)
Maximum Work Load	6,500 lb. (2950 kg)
Machine Weight	4,500 lb. (2045 kg)
Overall Dimensions	144"x60"x84" (3650x1520x2130 mm)
DRIVE	
Blade Drive	10 HP (7.5 kW)
Hydraulic Drive	2 HP (1.5 kW)
Voltages available (three phase)	575 and 460

## Standard Features

- Double column machine provides maximum capacity and rigidity
- Design utilizes linear bearings for high stiffness and smooth motion
- 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 and fully enclosed drive belt guard
- Powered blade brush to remove cutting chips
- Split vise design clamps material on both side of blade
- Infeed conveyor and material discharge table
- Alarms for broken blade / under tension and doors open
- Hardened steel wheels
- Blade guides are carbide faced with rollers to remove blade twist and dampen vibration
- Flood coolant system to both saw guides and a adjustable nozzle mounted on stationary vise, all with adjustable flow rates
- Gear box designed for heavy duty bandsaw machines, precision planetary gear system supported on tapered roller bearings, oil bath lubrication
- All ball bearings are totally enclosed and lubricated for life
- Electric system uses only C.S.A./UL approved components and is electrically approved
- Premium quality bimetal bandsaw blade
- Instruction and parts manual



## Model 700SA

Available Options

Hydraulic Vise Full Stroke

Variable Vise Pressure

Conveyor (10')

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