



**BAXTER
VERTICUT[®]
INC.**
BANDSAW MACHINES

BAXTER SAW MODEL 800SA SEMI-AUTOMATIC BANDSAW

CUTTING CAPACITY

Round	32" (800 mm)
Rectangular	32" x 32" (800 x 8700 mm)

SPECIFICATIONS

Blade Size	2 $\frac{5}{8}$ " x 26'6" (67 x 8077 mm)
Blade Speeds	60 to 340 ft/min (18 to 104 m/min)
Blade Tension (spring comp.)	30,000 psi (207 MPa)
Blade Guides	Carbide with Rollers
Table Height	27" (686 mm)
Maximum Work Load	7,500 lb. (2950 kg)
Machine Weight	6,500 lb. (2045 kg)
Overall Dimensions	155"x82"x98" (3940x2080x2490 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

- Double column machine provides maximum capacity and rigidity
- Design utilizes linear bearings for high stiffness and smooth motion
- Hydraulic tensioning of 2-5/8" bandsaw blade
- 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 and 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
- Blade speed controlled by a variable frequency drive
- Lockable power disconnect on machine
- Blade guards
- Powered blade brush to remove cutting chips
- Split vise design clamps material on both side of blade
- Infeed conveyor and material discharge conveyor
- Alarms for broken blade / under tension and doors open
- Steel wheels 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 a adjustable nozzle mounted on stationary vise, all with adjustable flow rates
- Gear box designed for heavy duty bandsaw machines, high efficiency planetary gear system
- 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 800SA

Available Options

Variable Vise Pressure

Conveyor (10')

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