



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

BAXTER SAW MODEL 280RFA AUTOMATIC HORIZONTAL BANDSAW



CUTTING CAPACITY

Round	11" (460 mm)
Rectangular (max. width)	9" x 16" (230 x 406 mm)
Rectangular (max. height)	11" x 14" (280 x 365 mm)

SPECIFICATIONS

Blade Size	1" x 12' (27 x 3660 mm)
Blade Speeds	70, 110, 170, 250, 370 ft/min (21, 34, 52, 76, 112 m/min)
Blade Tension (spring comp.)	25,000 psi (172 MPa)
Blade Guides	Carbide with Rollers
Table Height	30 3/4" (780 mm)
Maximum Work Load	3,000 lb. (1360 kg)
Machine Weight	1,400 lb. (636 kg)
Overall Dimensions	78" x 30"x 57" (1980x760x1450 mm)

DRIVE

Blade Drive	2 HP (1.5 kW)
Hydraulic Drive	1 HP (.75 kW)
Roller Drive	1/4 HP (200 W)
Voltages available (three phase)	575, 460, 230 and 208

Standard Features

- Material is feed via 3 drive rollers
- Length of cut is set using an adjustable limit switch
- Length of cut repeatability +/-1/32"
- Scissor-type saw with heavy duty all welded design for rigidity and strength
- Large base for stability with large coolant catch area
- Infeed material conveyor 6 rollers 52 1/2" long
- Pivot uses tapered roller bearings for a highly rigid machine with smooth low friction movement
- Conveniently located control station
- Cutting feed hydraulically regulated
- Saw up travel automatically set to minimize distance between the blade and the material
- Manual saw control, saw up, saw down, saw cut
- Automatic cut cycle with decremting counter
- Magnetic motor starters with thermal overload protection
- Power disconnect on machine
- Blade guards and fully enclosed drive belt guard
- Powered blade brush to remove cutting chips
- Quick adjusting material clamp
- Material discharge table
- Adjustable material length stop for repetitive cutting
- 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
- 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
- All 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 280RFA

Available Options

Variable Speed Driver

Single Phase Power (220/1/60)

Conveyor (10')

Crating Charges



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