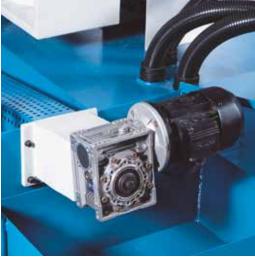


Fully Automatic Band Saw

ABS 600 TNC

Advanced technology for high cutting capacity and increased productivity





Spiral chip conveyor included in standard equipment

- PLC control
- Cut angle adjustment at 0°, 15°, 30° and 45°
- Large touchscreen display
- Fully automated workpiece feed
- For efficient severing cuts of large diameters this heavy machine provides NCcontrolled material feeds
- The robust touchscreen is mounted to a rotating control panel for quick programming and safe handling of the machine
- The machine frame is a torsion-resistant dual-column construction that ensures superior stability and torsional strength



Manual saw frame angle adjustment with hydraulic drive (15°. 30° and 45°)

- The hydraulically controlled saw frame feed can be infinitely adjusted as needed by
  the operator
- The hydraulically controlled vise positions the workpiece in the programmed position, while a second vise secures the workpiece precisely in front of the saw blade
- The linear measuring system is mounted at the feed system to ensure precise workpiece dimensions and exact repeatability
- An infinitely variable high-torque servo-motor allows adjustments based on cutting speed

Specifications		ABS 600 TNC
Cutting Capacities		
Cutting speed	fpm	0 - 327
Feed per scale division X-axis	in	23.62
Cutting capacity 0° (round)	in	24
Cutting capacity 0° (square)	in	24
Cutting capacity 0° (flat)	in	33x24
Cutting capacity 45° (round)	in	16
Cutting capacity 45° (square)	in	16
Cutting capacity 45° (flat)	in	16x24
Drive Capacity		
Motor rating main drive	Нр	7.4
Motor rating hydraulic pump	Нр	2
Motor rating coolant pump	Нр	0.1
Measures and Weights		
Blade dimensions	in	263.19x2.13x0.06
Overall dimensions (length x width x height)	in	123x134x93
Weight	lbs	8,679
Part No.		152825



Infinitely variable high-torque servo-motor



Control panel with graphic touchscreen display

## **Standard Equipment**

PLC control, chip removal brush, hydraulic vise, bi-metallic band saw blade, touch screen monitor, work lamp, chip conveyor, coolant system, material support stand, operating tools, operator manual

Options	Part No.
Bimetallic Bandsaw Blade for ABS 600 TNC (3/4 T)	119228
Bimetallic Bandsaw Blade (4/6 T)	119229