



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 NC-controlled 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°)



Infinitely variable high-torque servo-motor

- 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



Control panel with graphic touchscreen display

## 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	Hp	7.4
Motor rating hydraulic pump	Hp	2
Motor rating coolant pump	Hp	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

## 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