

### MACHINE DESCRIPTION:

Introducing the Brown SN300 band saw with gravity controlled down feed from Pedrazzoli. All saws are not created equal, learn how Pedrazzoli leads the industry in design and dependability. Stable saw platforms increase productivity, improve blade life and overall cut quality and squareness. All Pedrazzoli saws feature robust heavy-duty cast iron bases that minimize vibration during the cutting cycle. The large diameter miter base glides easily over tempered bearing track for easy smooth rotation of saw head. Vise shoulders retract and adjust to support to material effectively for more consistently to the profile being cut. Down gravity feed control is balanced with Pedrazzoli's dynamic feed mode. Saw motor mounts vertically reducing overall dimensions of transmission to worm gear drive with full oil bath for longer component life and less maintenance.

#### Features:

- > Saw positions 60 degrees left and 45 degrees right to fixed stops
- > Large circular saw base rotates over ball track for easy miter movement
- > Saw bow movement supported with conical bearings
- > Two blade speed selections for greater material versatility
- > Control panel with simple operator control functions
- > Blade drive safety switch located in hand grip
- > Safety micro-switch prevents blade operation when guard is open
- > Blade tensioning handwheel with spring for uniform tensioning
- > Blade guide arms adjustable to dimension of workpiece
- > Blade guides feature two hardened guides on eccentric bushings
- > Vise shoulders adjust and retract
- > Coolant reservoir with removable electric pump for easy cleaning
- > Heavy cast iron saw base for greater rigidity when sawing
- > Machine on off switch with lockout switch
- > Length stop with micrometer adjustment
- > Machine base designed to accommodate fork lift

**7.193.34.41**    **7.193.34.55**  
240V                      480V

CUTTING CAPACITY					
	45°	0°	45°	60°	
		6.3"	8.7"	7.9"	5.1"
		4.7"	7.5"	5.9"	4.3"
		6.3" x 5.1"	13" x 5.9"	4.7" x 5.1"	4.3" x 4.3"
		1.25 / 1.75 kW			
		35 / 70 m/1*			
		360 mm			
		111.2" x 1.0625" x .032"			
		950 lb			
	56" x 60" x 71" *including length stop				

TECHNICAL SPECIFICATIONS

### Down feed Mode Selection for Newton models

**Manual mode:** From control panel select M position (manual). Rotate hand wheel of tension spring to align 0 (zero) on scale tightening balance spring. Secure material in vise, press the start button to activate manual cutting cycle. Adjust bow descent pressure with flow regulator.

**Dynamic mode:** From control panel select D position (dynamic). Rotate handwheel of tension spring to 40 (forty) on scale loosening balance spring. Adjust limit switch at end of cutting cycle. Secure material in vise, position blade above material to be cut and press the start button. Bow descent pressure is controlled by gravity. At the end of cut limit switch will stop blade motion. Raise bow above workpiece.

### Available Accessories

- > Material roller table for loading work-piece

