

# Pedrazzoli BROWN SN 255 MRM

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## MACHINE DESCRIPTION:

- All main machine components are in cast iron: monolithic bow, bow support with hinge pin, centring ring, reducer box, vice base and vice carriage.
- Bow rotation for angled cuts from 0 to 60° left with pre-set stops at 45° & 60°, graduated ruler, mechanical stops and lever for intermediate position.
- Steel resting base with groove for band. Base turns together with bow so it can support parts even when making angled cuts.
- Deep angled opening on vice base to improve swarf discharge.
- 2-speed three-phase motor (0.75-1.1 kW) – transmission carried out by means of screw/ring reducer with 1:40 ratio for cutting speeds 29-58 m/min – (The SINGLE-PHASE version features only 1 speed with 2.2 Kw).
- Bow angle, blade length and fly-wheel diameter have been calculated to limit band yield and increase its life span.
- Spring-driven Mechanical blade-tightening device to ensure stretching is uniform and constant.
- 19mm band supported by two bladeguides with hard metal plaques, adjustable according to dimensions of part to be cut.
- Electropump for cooling of band with lubrication oil.
- Adjustable mechanical vice unit with handwheel for gradual approach and lever for rapid clamping.
- Accident preventing safety devices: flywheel guards which stop motor when opened, blade protection guards, blade start with “man-present” protection against accidental start-up, low voltage controls, key operated main switch.
- Possibility of calibrating the mechanical stops at 0°, 45° and 60° left, the balancing springs, the hinge pin and the bow's perpendicular position to ensure cutting precision remains constant in time.










- Loading roller table, length = 1000 mm
- Loading roller table, length = 2000 mm
- Loading roller table extension, length = 2000 mm
- Unloading roller table with barstop, length = 2000 mm
- Unloading roller table extension, from 2000 to 4000 mm
- Unloading roller table extension, from 4000 to 6000 mm
- Mist lubrication
- Rapid pneumatic vice

## TECHNICAL DATA

	m/1'	29/58
	Kw	0.75/1.1
	mm	230
	mm	2500x19x0.9
	kg	275
	dB	79

## CUTTING SPECS

					
	mm	-	220	160	90
	mm	-	220	120	60
	mm	-	230x220	160x120	100x60