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Heavy-duty cast-iron gearbox

High-quality, cast gearbox designed for quick speed changes through low-speed and high-speed gearing.
LOW SPEEDS: 40, 60, 100 & 170 FPM (12.1, 18.2, 30.4 & 51.8 M/MIN)
HIGH SPEEDS: 660, 1200, 2000 & 3250 FPM (201.1, 365.7, 609.6 & 990.6 M/MIN)



Balanced cast wheels

Precision-machined, dynamically balanced, rubber laminated, cast-iron wheels for smooth, vibration free operation. Upper wheel is mounted on 2 permanently lubricated, sealed bearings, for longer life.

Model 590-1

15" METAL CUTTING BANDSAW

High-quality, precision-machined, one-piece cast-iron frame, with heavy ribbing.

Precision-machined, dynamically balanced, rubber laminated, cast-iron wheels for smooth, vibration free operation. Upper wheel is mounted on 2 permanently lubricated, sealed bearings, for longer life.

Graduated indicator shows the correct blade tension required for different blade widths. A spring-loaded mechanism makes tension adjustments easy.

16 gauge stamped steel doors.

Heavily-ribbed, high quality, solid cast-iron table polished to perfection with a 3/8" x 3/4" (9.5 x 19 mm) miter gauge T-slot.

Built-in 2 1/2" dust collection outlet.

Cast-iron double trunnion system ensures stability and makes tilting the table simple and easy. A graduated scale on the front trunnion shows table tilt 45° to the right and 10° to the left with a positive stop at 90°.

Quick, easy, upper and lower wheel parallel alignment using a block and groove mechanism adjusted by a handle at the back of the machine.

Powerful North American designed, totally enclosed, fan cooled motor with a dynamically balanced cast-iron pulley.

One-piece, high quality, welded steel cabinet for maximum strength and stability.

Optional accessories

- [Blades](#)
- [Heavy-duty precision rip fence system \(#497\)](#)
- [Heavy-duty cast-iron miter gauge \(#1950\)](#)
- [Work light \(#1951\)](#)
- [24" x 24" bandsaw table \(#90-115\)](#)
- [Blade guide system \(#4950\)](#)

Wheel diameter	15" (381 mm)
Wheel speed	750 RPM
Blade speed	40 TO 3250 FPM (12.1 TO 990.6 MPM)
Maximum width of cut	14 3/4" (375 mm)
Maximum depth of cut	6 3/4" (171 mm)
Min. / max. blade width	1/4" TO 3/4" (6 TO 19 mm)
Blade length	100" (2540 mm)
Table size	15" x 15" (381 x 381 mm)
Table tilt	0° TO 45° (RIGHT) / 0° TO 10° (LEFT)
Table height	42" (1067 mm)
Motor M1	1 HP, 115 V, 1 Ph, 12.8 A
Motor M2	1 HP, 230 V, 1 Ph, 7 A
Motor M3	1 HP, 230 V, 3 Ph, 2.8 A
Motor M4	1 HP, 208 V, 3 Ph, 2.8 A
Motor M5	1 HP, 600 V, 3 Ph, 1.2 A
Weight	374 LBS (170 kg)



Graduated tension indicator

Graduated indicator shows the correct blade tension required for different blade widths. A spring-loaded mechanism makes tension adjustments easy.