



 [View larger image](#)

 [Printable Page](#)

Models 330-1 / 330-1 HC 20" SINGLE SURFACE PLANER - Variable Feed Rate

High quality, heavy-duty ribbed cast-iron frame.

Precision-machined, ribbed cast-iron table moves along 4 machined guide ways; adjustable gibs ensure the table stays parallel to the cutter head and compensates for wear.

A large handwheel with handle for easy table height adjustments.

A magnetic switch with overload protection for added safety.

Powerful, North American designed, totally enclosed fan cooled, industrial motor, with a dynamically balanced cast-iron pulley, and matching triple V-belt drive.

Optional accessories

- Hi-speed model replacement blade set - number of knives: 4 / length: 20" (#3302)
- Magnetic, micro-adjustable knife alignment gauge (#30-025)
- A dial - Gauge micro meter knife alignment (#30-050)
- Cutter head-table alignment block (set of 2) (#30-040)

Included accessory:

- [Chip chute with 6" outlet \(#3404\)](#)



Precision cutting system

Precision-machined, steel cutter head, mounted on 2 double row ball bearings connected to a belt driven variable speed pulley (see B for further details). Corrugated, sectional 3 1/2" in-feed roller allows several pieces to be fed at the same time. Setscrews and helical springs maintain roller tension. Micro-adjust pressure bar maintains even pressure on the stock for uniform planing. High-quality, sectional chip breaker. Anti-kickback system eliminates risk of kickback.



OPTIONAL

ITEM #335H : High-quality steel helical cutter head with reversible carbide inserts. 20" (4 rows, total: 60 inserts)

MODEL 330-1 HC



Chain and belt feed system

Feed rate is controlled from a front mounted hand wheel connected to a chain & gear system to the feed rollers. A counterbalanced foot pedal stops the feed immediately should stock jam the cutter head.

Table size	21" x 36" (533 x 914 mm)
Size with outside rollers	21" x 42" (533 x 1067 mm)
Maximum width of cut	20" (508 mm)
Planing thickness	5/16" TO 8" (8 TO 203 mm)
Minimum length of stock	10 3/4" (273 mm)
Maximum depth of cut	1/8" (3 mm)
Cutter head diameter	4 1/4" (108 mm)
Number of knives	4 / HC - 4 rows, total of 56 inserts
Cutter head speed	4,000 RPM
Variable feed rate	20 TO 55 FT/MIN (6 TO 16.76 M/MIN) - VARIABLE
Number of cuts/inch (25.4 mm)	66.6 TO 24.2 / HC - N/A
Base dimensions (l x w)	43" x 23" (1092 x 584 mm)
Motor M2 / M2 HC*	5 HP, 230 V, 1 Ph, 19.5 A
Motor M3 / M3 HC *	5 HP, 230 V, 3 Ph, 12 A
Motor M4 / M4 HC *	5 HP, 208 V, 3 Ph, 12 A
Motor M5 / M5 HC *	5 HP, 600 V, 3 Ph, 4.8 A
Motor M37.5 / M37.5 HC*	7 1/2 HP, 230 V, 3 Ph, 17.4 A
Motor M47.5 / M47.5 HC*	7 1/2 HP, 208 V, 3 Ph, 17.4 A
Motor M57.5 / M57.5 HC*	7 1/2 HP, 600 V, 3 Ph, 7 A
Weight	2100 LBS (953 kg)

***HC: WITH HELICAL CUTTER HEAD**