



1791315 : 209HH, 20" Planer, 5HP 1PH 230V, with Byrd® Cutterhead



This heavy duty planer offers performance and value, loaded with standard features not found on other machines in its class. The powerful 5HP motor and 20" planing capacity will handle the most demanding work. The helical cutterhead provides quieter operation and finer finishing than conventional systems, and the four-sided knife inserts seat themselves without requiring a set-up gauge. The 5" dust port connects easily to any dust collector. The anti-kickback fingers and pressure bar are located in close proximity to the cutterhead for an exceptional finish. The solid cast iron base, table and head are designed for production. The 2-speed oil bath gearbox transmits full power to feed rollers and facilitates fast speed changes at 24 and 31 FPM. The gearbox can be changed to 4-speed with the included gear to run lower speeds of 16 and 20 FPM. The corrugated infeed and fine groove outfeed rollers ensure a smooth feed. The precision ground and polished cast iron table rides on four steel columns giving it plenty of support for the larger workpiece. Heavy cast iron extension wings ensure a flat, smooth cut.

Features and Benefits

- The Byrd® SHELIX® helical cutterhead with 99 knife inserts provides smoother, quieter cutting and finer finish than conventional systems
- 5HP motor and 20" planing capacity for heavy duty work
- Fully enclosed base cabinet with integrated casters for shop mobility
- Cast iron table with extensions creates a big 55-1/2" x 20" working area
- Four feed speeds - 24 and 31 FPM, 16 and 20 FPM with gear change - provide versatility

Accessories

1791212 SHELIX-I: (10) INSERTS for SHELIX Heads

2230002 Bed and Feed Roller Gauge

708520 JWP-DRO, Digital R/O for 15" & 20" Planer



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Specification	Value	
Part Number	1791315	
Maximum Planing	20	"
Maximum Planing Thickness	8	"
Maximum Depth of Cut	3/32	"
Minimum Planing Length	6¾	"
Cutterhead Diameter	3 3/16	"
Cutterhead Speed	5000	RPM
Feed Rate	24 and 31 FPM (16 and 20 FPM with gear change)	
Number of Knives	99 Four-sided inserts	
Table Size	20" x 55 1/2"	
Dust Port Diameter	5	"
Dust Collection Minimum CFM Required	900	cu.ft/min
Bed Rollers Adjustable from Front	n.a.	
Readout Scale	inch/ metric	
Table Support	4 column	
Number of Speeds	4	
Rotation	Fwd	
Amps	21	A
Motor Power	5	HP
Motor Phase	1	Ph
Motor Voltage	230	V
Web Description	209HH, 20" Planer, 5HP 1PH 230V, with Byrd® Cutterhead	
Model Number	209HH	
Brand	Powermatic	
Overall Dimensions	26 x 36-5/8 x 41-3/8	
Height	41.375	inch
Width	36.625	inch
Length	26	inch
Net Weight	800	pound