



## 209BHH 20" HELICAL HEAD PLANERS

PM1-478, PM1-479, PM1-480

### Exact Thickness. Flawless Finish.

The Powermatic 209BHH 20" Planer delivers precision, control, and efficiency in every pass. Engineered for smooth, consistent results, it provides exact thickness settings and the stability of heavy-duty cast iron construction. Built for professional shops and production environments, it also supports serious DIY users and educational programs. The 209BHH gives you the confidence to achieve accurate, repeatable results, project after project.

**POWERMATIC®**

THE GOLD STANDARD

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# 209BHH 20" HELICAL HEAD PLANERS

PM1-478, PM1-479, PM1-480

## Precision

Built for woodworkers who expect every pass to come back exact. The digital readout, helical cutterhead, and rigid cast iron tables work together to deliver a finer finish with repeatable accuracy.

## Control

Designed to feel stable, secure, and purpose-built while in use. A larger emergency stop, improved emergency stop, improved caster locking and braking system, and dual lifting handles give you more command from setup through every pass.

## Efficiency

Engineered to keep work moving without breaking rhythm. Faster cutterhead access and a bi-directional 4" dust port reduce interruption and support a cleaner, smoother workflow.

## Confidence

Backed by Powermatic's Gold Glove Service and an industry-leading 5-year warranty, the 209BHH is built to earn trust long after it is in the shop.



MODEL NO.	209BHH	209BHH-3	209BHH-4
Stock No.	PM1-478	PM1-479	PM1-480
Warranty	5 Years	5 Years	5 Years
Motor Power	5 HP	5 HP	5 HP
Phase	1 PH	3 PH	3 PH
Voltage	230V	230/460V	460V
Recommend Circuit Size (Amps.)	40	40	40
Max. Cutting Width	20"	20"	20"
Max. Cutting Thickness	8"	8"	8"
Min. Cutting Thickness	1/8"	1/8"	1/8"
Full Width Cutting Depth	3/32"	3/32"	3/32"
Min. Planning Length	8"	8"	8"
Helical Cutterhead	4 Rows, 68 Four-Sided Inserts	4 Rows, 68 Four-Sided Inserts	4 Rows, 68 Four-Sided Inserts
Knives (Insert) Size (L x W x H)	0.59" x 0.59" x 0.10"	0.59" x 0.59" x 0.10"	0.59" x 0.59" x 0.10"
Cutterhead Speed	5,200 RPM	5,200 RPM	5,200 RPM
Cutterhead Diameter	3-7/32"	3-7/32"	3-7/32"
Minimum CFM Required	900 CFM	900 CFM	900 CFM
Feed Rate	16/28 FPM	16/28 FPM	16/28 FPM
Main Table Size	21-1/2" x 20"	21-1/2" x 20"	21-1/2" x 20"
Full Table Size	51-1/2" x 20"	51-1/2" x 20"	51-1/2" x 20"
Dust Chute Diameter	4"	4"	4"
Full Assembly Overall Dimension (L x W x H)	51-1/2" x 37-3/8" x 43-3/8"	51-1/2" x 37-3/8" x 43-3/8"	51-1/2" x 37-3/8" x 43-3/8"
Packaging Overall Dimension (L x W x H)	37-5/8" x 29-23/32" x 50-3/16"	37-5/8" x 29-23/32" x 50-3/16"	37-5/8" x 29-23/32" x 50-3/16"
Net Weight (lbs.)	606 lbs.	606 lbs.	606 lbs.
Shipping Weight (lbs.)	704 lbs.	704 lbs.	704 lbs.



**Digital Readout**  
Precise control.  
Repeatable results.



**Improved Large E-Stop**  
Enhanced safety.  
Faster shutdown.



**Improved Caster and Locking System**  
Easy mobility.  
Stable operation.



**4" Bi-Directional Dust Port**  
Efficient chip removal.  
Flexible connection.



**Helical Cutterhead**  
Quieter cutting.  
Superior finish.

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