



An OSC Technologies Company

**WILLIAMS**  
**& HUSSEY**  
Machine & Tool Company

# Molder Catalog

The Gold Standard in Quality Molders & Knives Since 1954.



**PROUDLY MADE IN USA**

**Toll Free: 800-258-1380 | 641-843-3240 | [williamsnhussey.com](http://williamsnhussey.com)**

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# Advantages of a W&H Molder

- Mold Straight, Curved or Elliptical with ONE Machine
- Quick & Easy Knife Set Up
- Cut up to a 6 3/4" Profile
- Open-ended design for wide boards/doors
- A+ Finished Molding Quality
- No more middleman, choose your own wood species AND no setup cost
- W&H Molders are built for safety, quality, durability and little to no maintenance
- Made in the USA Since 1954
- Technical & Sales Support for the lifetime of your molder
- Upgrades Available for vintage molders

## Products & Services

- Over 260 Standard Profiles
- In-House Custom Profile Knife Grinding with Quick Turnaround
- In-House Sharpening Service
- In-Stock Accessories, Upgrades and Replacement Parts
- Technical & Sales Support for custom knives & product upgrades

## Who Uses a W&H Molder

- Custom Cabinet Shops
- Restoration Specialists
- Contractors
- Lumberyards
- Finish Carpenters
- Schools with Woodworking Programs
- Furniture Makers
- Production Studios
- Hobbyists
- Picture Frame Artisans
- Architectural Millwork
- And Many More

# One Machine. Three Applications.



Choose from any model for Quick & Easy Set Up for STRAIGHT molding from 1/4" up to 6 3/4" wide profiles! Take advantage of the open-ended design for wide boards such as cabinet doors, raised panels, baseboards and doors.



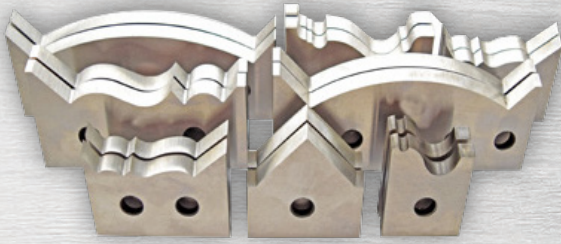
All models will also mold CONSTANT RADIUS moldings! Customer supplied radius guides, matching radius segmented material and a set of W&H profile molding knives and you're good to go! Switch from molding radius pieces to straight pieces just by switching out the guides.



Our EJ-92 Elliptical Jig Accessory is available for moldings with a changing radius design. Customer supplied ELLIPTICAL segmented material attaches to a matching template. The fixed and floating bearings run alongside the template piece following the shape of the molding.

# Model 154CE CONSTANT FEED 11FPM

The **W&H Model 154CE** is our most economical molder and is ideally suited for customers looking to produce high quality moldings at an affordable price. The 154CE is designed with multi-pass capabilities, and will cut stock at a constant 11 feet per minute feed rate.



## Optional Accessories (See Page 9)



Elliptical Jig



Variable-Feed Kit

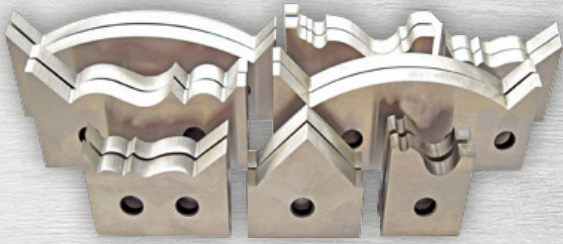


Mobile Base

Shown with optional Mobile Base.

# Model 206 VARIABLE FEED 0-19 FPM

The **W&H Model 206** provides the most versatility and power requirement options in our line of molders. This model is ideally suited for customers looking to produce high quality moldings from a variety of millable material. The 206 with variable feed and multi-pass capabilities provides an unbeatable combination ensuring a smooth and clean molding finish.



## Custom & Standard Profile Knives (See Page 14)

Over 260 Standard Profile Knives ready to ship.

Custom knives ready to ship in a timely manner.

Shown with optional Mobile Base.

# Model 209 VARIABLE FEED 0-19 FPM (20 AMP REQUIRED)

The **W&H Model 209** is the best option for customers that are either looking for a portable molder or home owners that are limited to 115V power. Same as Model 206, the 209 also features variable feed and has multi-pass capabilities providing an unbeatable combination ensuring a smooth and clean molding finish.



## Accessories, Replacements & Upgrades (See Page 9-13)



Profile Pressure Guide



Feed Roll Kits

Shown with optional Elliptical Jig.



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# Molder Comparison Chart **W&H MOLDER PACKAGES**

ALL MOLDER SPECS	MODELS 154CE, 206, 209
Machine Base	Steel Construction 28"L x 22"W x 33"H
Guide System	22"L x 11 3/4"W x 1/2"H, HDPE
Arbor RPMs	6900 (154CE & 206), 6960 (209)
Max. Profile Depth	3/4"
Min. Stock Length	9"
Max. Profile Width	6 3/4"
Min. Stock Thickness	1/4"
Max. Height Above Final Cut	3/16"
Max. Stock Thickness	7"
Planes	7" Wide
Overall Machine Dimensions	28"L x 22"W x 50"H
Working Height	35"
<b>Package Weight</b>	<b>Approximately 270 lbs.</b>

	154CE	154CE	206	206	206	206 For Export	209
FEATURES	208V	240V	208V	240V	3 Phase	240V	115V
Constant Feed - 11 FPM	✓	✓	-	-	-	-	-
Variable Feed - 0-19 FPM	-	-	✓	✓	✓	✓	✓
Knife Motor - 2 HP/208V	✓	-	✓	-	-	-	-
Knife Motor - 2 HP/240V	-	✓	-	✓	-	-	-
Knife Motor - 2HP/240V/3PH	-	-	-	-	✓	-	-
Knife Motor - 1-1/2HP/115V	-	-	-	-	-	-	✓
Knife Motor - 2HP/50Hz/240	-	-	-	-	-	✓	-
FLA (Full Load Amps) - 12.2	✓	-	✓	-	-	-	-
FLA - 11.5	-	✓	-	✓	-	-	-
FLA - 208V(5.3), 230V(5.0), 260V(2.5)	-	-	-	-	✓	-	-
FLA 15.0	-	-	-	-	-	-	✓
FLA 8.8/9.7	-	-	-	-	-	✓	-
Phase - Single	✓	✓	✓	✓	-	✓	-
Phase - Three	-	-	-	-	✓	-	-
RPM's - 3450	✓	✓	✓	✓	✓	✓	-
RPM's - 3480	-	-	-	-	-	-	✓
Guide System	✓	✓	✓	✓	✓	✓	✓
Belt/Motor Pulley/Knife Bolts	✓	✓	✓	✓	✓	✓	✓
Stand - Stationary	✓	✓	✓	✓	✓	✓	✓



# Accessories

## Elliptical Jig

Our elliptical jig can be attached to any of our molders. Looking for more than a standard arch cut? Attach the jig to produce elliptical moldings of architectural sizes to span doors and windows. Our jig is made with high grade steel, black oxidized and built to last!

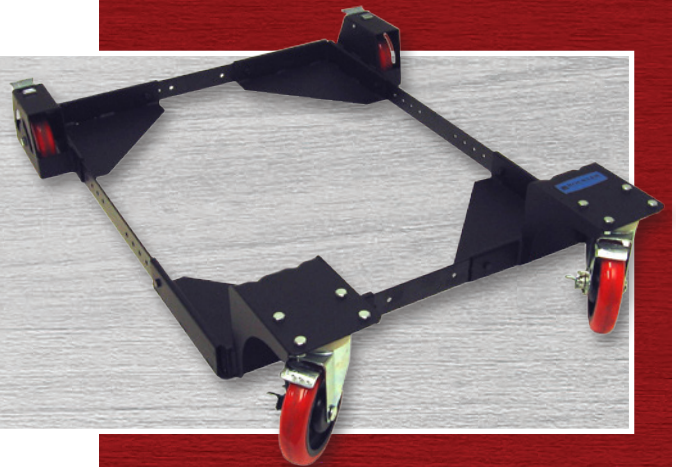
Item # EJ-92



## Mobile Base

Move your Williams & Hussey molder with ease with a rugged steel mobile base from Rockler. The 800 lb weight capacity and 5" urethane locking casters give you the ability to move your machine with little effort. The base provides you with adjustability from 18"x 18" to 28"x 28". Assembly required.

Item # 54-400



## Profile Pressure Guide

PROVIDES STABILITY TO LOW END PROFILE CUTS

The Profile Pressure Guide (PPG) Accessory has been designed to keep roller pressure on High/Low profile cuts reducing chatter or tear out. The PPG will eliminate the deep-cut end of the profile picking up while running stock. High/Low profile cuts such as Windsor, Panel and Base molds would benefit from the use of the PPG.

Item # PPG-1



# Upgrades



## Chip Extractor & Head Assembly

Upgrade your W&H Molder Chip Deflector to the NEW Chip Extractor & Head Assembly. Replace the old cast iron & sheet metal with a Linear Low Density Polyethylene (LLDPE) Chip Extractor. Designed for better chip flow and completely covers knife area.

Assembly includes: Head, Chip Extractor, (2) Arbor Bearings, (4 of each) pressure screws, pressure springs, spring guides & check nuts.

Item # 54-520-K



54-316-YELLOW-K

## Conversion Kits

Our conversion kits are designed to upgrade old W7 and W7PF molders to have our current features. The kits include parts needed to upgrade molders to have power in and power out feed, multi-pass capabilities and either be a constant feed of 11 feet per minute or a variable feed of 0-19 feet per minute.

Item # 54-315-YELLOW-K  
(Constant Feed 11 FPM)

Item # 54-315-GREEN-K  
(Constant Feed 11 FPM)

Item # 54-316-YELLOW-K  
(Variable-Feed 0-19 FPM)

Item # 54-316-GREEN-K  
(Variable-Feed 0-19 FPM)



54-315-YELLOW-K

\*Pricing available at [www.williamsnhussey.com](http://www.williamsnhussey.com)

# Upgrades

## Variable-Feed Kit

SINGLE PHASE OR THREE PHASE

Our variable-feed kit gives you the ability to vary the speed from 0-19 fpm. The variable-feed kit will give you the opportunity to customize your feed setting to the work you are doing. It allows you to reduce the load on the motor while creating less stress on your stock. Higher rates of feed let you quickly run small profiles and casing reliefs.

The variable-feed kit is designed to fit on older W&H models; W7, W7PF, W7S, Original, 154 and 154CE Molders.

Item # VF-104-K Single Phase

Item # VF-107-K Three Phase

Consists of a AC/DC control, variable-feed motor assembly, chains, sprockets and hardware. Your existing control will no longer be needed; this control will be used to start and stop both variable-feed and knife motors.



Add the control mounting bracket and 6' extension cord. See page 13.

## Multi-Pass Kits

As of May 2006, all W&H Molders have multiple pass capabilities. This feature allows the user to take light passes up to 3/16" above stock for deep cut profiles, hardwood profiles and wide cut profiles. The longer springs and modified infeed swing arm keep pressure on the feed rolls eliminating chatter.

This kit is for all W&H Molders prior to May 2006. Not sure if your machine has multi-pass? Call us with your serial # and we can assist you.

Item # MPY-Infeed Only-K

Multi-Pass Modified Infeed Swing Arm Assembly. Yellow roll recommended for short runs, single passes and profiles with soft edges.

Item # MPG-Infeed Only-K

Multi-Pass Modified Infeed Swing Arm Assembly. Green roll recommended for long runs, multiple passes and profiles with sharp edges.

Item # MPY-In&Outfeed-K

Multi-Pass Modified Infeed Swing Arm Assembly and a new outfeed roll with outfeed axels. 2 Yellow Rolls.

Item # MPG-In&Outfeed-K

Multi-Pass Modified Infeed Swing Arm Assembly and a new outfeed roll with outfeed axels. 2 Green Rolls.

Springs, Axles & Pivot Screws Included



\*Pricing available at [www.williamsnhussey.com](http://www.williamsnhussey.com)

# Replacements

## Controls

Our custom controls are built for professional use, day in and day out. They are designed to improve production and optimize efficiency, be reliable and maintenance free.

Controls & motors have to be rated the same phase & voltage. Our representatives will be able to assist you in this process if necessary.

Item #	Description	Model	Molder Control
54-421A	Single Phase, 115V, AC/DC	209	Yes
54-413	Single Phase, 240V, AC	154CE	Yes
54-417A	Single Phase, 240V, AC/DC	206	Yes
54-420A	Three Phase, 240V, AC/DC	206	Yes



54-417A Shown



54-413 Shown

## Feed Roll Kits

Our polyurethane feed roll kits are available in "soft" 60 durometer and a "durable" 70 durometer. The yellow feed roll kit is commonly used for single pass applications. The green feed roll kit is commonly used for multiple pass applications. Choose the durometer that best fits your application use.

The kit includes 2 rollers, 4 axles to hold the rolls in and 1 tube of thread locker.

Item # P-123-K (2 yellow)

Recommended for short runs, single passes and profiles with soft edges.

Item # P-160-K (1 yellow / 1 green)

Some customers prefer a yellow on the infeed to grip the wood and a green on the outfeed for durability.

Item # P-170-K (2 green)

Recommended for long runs, multiple passes and profiles with sharp edges.



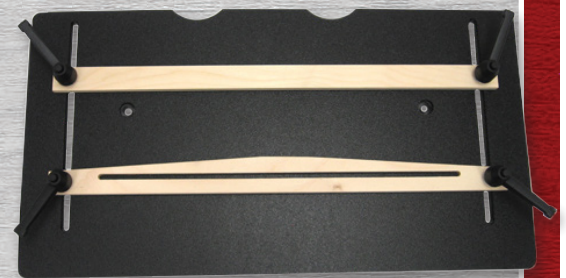
## GS-2-1 Guide System

The GS-2-1 guide system increases your working surface and protects knives that may cut below stock thickness. Profiles such as crown bottoms, half rounds, quarter rounds and screen molds may cut below stock thickness.

The GS-2-1 guide system includes a 22" long, 1/2" thick HDPE, high density polyethylene millable material. The material is extremely tough and wear resistant with a low friction surface. The sub plate attaches directly to the bed of the molder with two screws. A flex guide, straight guide, adjusting handles and hardware are also included. The flex guide is beveled providing a wide entry for stock.

Item # GS-2-1

Item # GS-02 (hardware bag for drilling holes)



NOTE: Molder beds that do not have screw holes to attach the GS-2-1 will need to be modified. Item # GS-02 has instructions and the hardware needed to drill holes in the molder bed.

# Replacements

## Knife Motors

Our knife motors are designed with a high quality torque. They are constructed to operate with reduced vibration, minimal noise level and operate at maximum efficiency. The sturdy construction offers longer durability and minimum maintenance.

## Variable-Feed Motor

Designed for demanding applications, higher performance, and higher standard of reliability. They operate quietly over the full range of speed. They are designed for longer more efficient life.

Item #	Description	Model	Knife Motor	Variable- Feed
54-425-BLDR	2 HP, Single Phase, 208V	154CE, 206	Yes	—
54-426-BLDR	2 HP, Single Phase, 240V	154CE, 206	Yes	—
54-429-BLDR	1 ½ HP, Single Phase	209	Yes	—
54-431-BLDR	2 HP, Three Phase	206	Yes	—
VF-1	1/17 HP, Single Phase	206, 209, VF Kits	—	Yes



2 HP Shown



VF-1 Shown

## Stand (STATIONARY)

Our molder stand is constructed from all steel. Based on customer feed back the stand was redesigned in 2009 to be lighter, higher and more compact without sacrificing the strength and durability of our former stand. A motor lock was also added to prevent any unwanted movement while running stock. The angled leg design and padded levelers keep it secure to the floor for stability.

NOTE: If purchasing a stand to go with your existing molder, a 45" Powertwist Belt is required. Add an optional mobile base for easy movement within your shop! See Mobile Base below.

- Item # 54-402
- Item # 54-404 45" Gray Powertwist Belt
- Item # 54-407 5" Motor Pulley



## Variable-Feed Options

Item # VF-105  
Our standard variable-feed cord is 3'. Some applications may require a longer cord such as raised panels and wide boards. Our extension cord is 6' giving you a total of 9' of cord.

Item # STND-108  
Our standard variable-feed cord is 3'. Some applications may require a longer cord such as raised panels and wide boards. Our extension cord is 6' giving you a total of 9' of cord.



STND-108

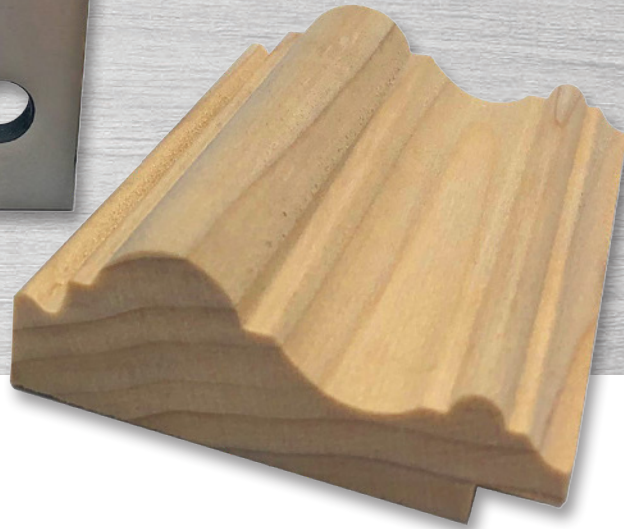
VF-105

\*Pricing available at [www.williamsnhussey.com](http://www.williamsnhussey.com)



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# Standard & Custom Knives



## Standard Knives

Available for next day shipment – Choose from Astragals, Base Caps, Casings, Coves, Crowns, Picture Frames and many more.

## Custom Knives

Whether your project requires moldings for a historical renovation, matching existing molding, or your customer would prefer a custom molding our sales team is available to assist you. Send us a sample or drawing, our sales team will reach out and discuss the details of your profile. Knives will be made and shipped to you in a timely manner.

## Sharpening Service

Keeping knives clean and sharp will provide a consistence quality of molding stock. Once we receive your knives our sales team will contact you, once the order is placed sharpening will be completed and shipped in 1-2 days.



## REQUEST A CATALOG

Call to request a copy  
or download online.



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