



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

Table of Contents

Advantages of a W&H Molder.....	3
One Machine. Three Applications	4
Molders	5-7
Molder Comparison Chart	8
Accessories	9
Relacement Parts & Upgrades	10-13
Standard & Custom Knives.....	14

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

154CE.208/230.1 V2.0

Molders upgrade woodworking projects to a new level. From replicating custom trim to producing standard profiles, the **Model 154CE** will create thousands of feet of stock to satisfy customers that want a unique look.

The 154CE cuts stock at a constant rate of 11 feet per minute and features multi-pass capabilities. This Molder is available as a single phase, 208/230 volt machine. It uses a two knife, self-aligning system that makes set up quick and easy.



Accessories, Replacements & Upgrades

(See Page 9-13)



Elliptical Jig



Variable-Feed Kit



Mobile Base for Molder

Model 206 VARIABLE FEED 0-19 FPM

206.208/230.1 V2.0 206.208/230.3 V2.0
206.208/230.1.50 V2.0

Williams & Hussey Molders are synonymous with quality production of trim, moldings, and baseboards.

The **Model 206** provides the most versatility with a variety of power requirement options. This model is suited for customers looking to produce high-quality moldings from a variety of millable material.

The Model 206 features variable feed and multi-pass capabilities to provide an unbeatable combination that ensures a smooth, clean molding finish.



Variable feed is standard on Models 206 and 209. Adjust the speed from 0-19 feet per minute. Regulating the speed eases the load on the motor while creating less stress on the stock. Varying the feed creates a smooth, even finish.

Using Variable Feed is especially important when running a variety of profile moldings with deep cuts, hard woods and wide profiles.

Run small profiles with shallow cuts or soft wood species at a faster speed.



Shown with optional Mobile Base.

Custom & Standard Profile Knives

Over 260 Standard and Custom Knives are ready to ship in a timely manner.

(See Page14)

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

209.115.1 V2.0

Create profiles that exceed store-bought stock material. The **Model 209** is the best option for customers who want a portable Molder or home owners that are limited to 115V power.

Like the Model 206, the Model 209 features variable feed and multi-pass capabilities. This provides an unbeatable combination that ensures a smooth, clean molding finish.



Shown with optional Elliptical Jig.

The multi-pass design lets users raise the Molder head $3/16$ " above stock height while keeping adequate roller pressure on the stock. This is particularly important when making deep cuts, wide profiles and/or using hard woods.

Accessories, Replacements & Upgrades

(See Page 9-13)



Profile Pressure Guide



Feed Roll Kits



Like Us on Facebook

Molder Comparison Chart

ALL MOLDER SPECS	MODELS 154CE, 206, 209
Machine Stand	24"L X 24"W X 33"H, Steel Construction
Guide System - Included with All Models	23 1/2" X 11 3/4" X 1/2", 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	24"L X 24"W X 50"H
Working Height	35"
Shipping Weight	Approximately 315 lbs.
Shipping Dimensions of Skid	36"L X 36"W x 60"H

ELECTRICAL SPECIFICATIONS	154CE	206 (single phase)	206 (3 phase)	206 50HZ	209
Model Number	208/230.208/230.1 V2.0	206.208/230.1 V2.0	206.208/230.3 V2.0	206.208/230.1.50 V2.0	209.115.1 V2.0
Voltage	208/230	208/230	208/230	208/230	115
Feed	Constant Feed 11 FPM	Variable Feed 0-19 FPM	Variable Feed 0-19 FPM	Variable Feed 0-19 FPM	Variable Feed 0-19 FPM
Knife Motor	2 HP	2 HP	2 HP	2 HP	1 1/2 HP
Full Load Amps	8.8	8.8	5	8.8	15
Phase	Single Phase	Single Phase	3 Phase	Single Phase	Single Phase
RPMs	3450	3450	3490	3000	3450



Accessories

Elliptical Jig

Make more than a standard arch cut. Use the jig to produce elliptical moldings of architectural sizes to span doors and windows. The Elliptical Jig is made with high grade steel and is compatible with all Molder models. Set up the Elliptical Jig quickly and easily by removing the existing two table bolts to switch out the jig for the table.



Mobile Base for Molders

Move a Williams & Hussey molder with ease with the newly redesigned mobile base. The 600 lb weight capacity and four 3" locking casters let the molder move with little effort. Assembly required.



Extension Tables

Customize a workshop by adding an Extension Table to a Molder. Choose from a roller or flat extension table for better material handling.

Roller Extension Tables are 14" wide and feature zinc plated rollers. Choose 4' or 8' increments.

Flat Extension Tables measure 15" wide and are made from heavy-gauge, formed steel to create an industrial grade table. Order these tables in 2', 4', 6' or 8' lengths.

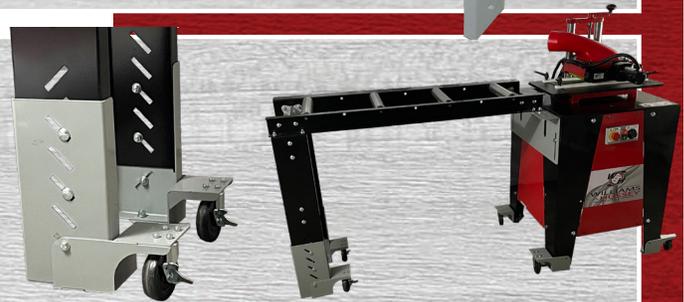
Extension Tables are compatible with any current Molder model. They also work with the new, redesigned stand. If you have an older molder model, order a new stand with the purchase of extension tables.



Mobile Base for Extension Tables

Make your Molder and Extension Tables movable with the new Mobile Base for Extension Tables.

Featuring two 3" locking casters, the Mobile Base attaches to the feet of the Extension Table to allow movement in the shop. Assembly required.



Profile Pressure Guide

Provide stability to low end profile cuts with the Profile Pressure Guide (PPG). The PPG is designed to keep roller pressure on High/Low profile cuts to reduce chatter or tear out. Using a 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 benefit from the use of the PPG.



Replacement Parts & Upgrades



Chip Extractor & Head Assembly

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

Assembly includes:

- Head
- Chip Extractor
- (2) Arbor Bearings
- (4 of each) Pressure Screws, Pressure Springs, Spring Guides & Check Nuts



Conversion Kits

Conversion kits are designed to upgrade W7S molders to have the current molder 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.

Available kits include:

- Constant Feed at 11 FPM with yellow rolls
- Constant Feed at 11 FPM with green rolls
- Variable Feed at 0-19 FPM with yellow rolls
- Variable Feed at 0-19 FPM with green rolls

*Pricing available at www.williamsnhussey.com

Replacement Parts & Upgrades

Variable Feed Kit

Are you ready for an upgrade on a constant feed Molder? The Variable Feed Kit converts constant feed molders to variable feed.

Change the speed from 0-19 feet per minute.

- Slow the feed rate when creating moldings with deep cuts, hard woods, and wide profiles. This reduces the load on the motor while creating less stress on the stock.
- Run small profiles and casing reliefs at higher rates of feed.

The Variable Feed Kit is designed to fit on older W&H models such as the W7S, Original, 154 and 154CE Molders. It is available in single phase or three phase power.

The Variable Feed Kit consists of a DC controller, variable feed motor assembly, chains, chain cover, sprockets and hardware.

Your existing control will no longer be needed. The new control is used to start and stop both the variable feed and knife motors.



Multi-Pass Kits

As of May 2006, all Williams & Hussey 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 to eliminate chatter.

This kit is for all Williams & Hussey Molders manufactured prior to May 2006.

Multi-Pass Kits Available:

- Multi-Pass Modified Infeed Swing Arm Assembly with one yellow roll. Recommended for short runs, single passes and profiles with soft edges.
- Multi-Pass Modified Infeed Swing Arm Assembly with one green roll. Recommended for long runs, multiple passes and profiles with sharp edges.
- Multi-Pass Modified Infeed Swing Arm Assembly with one yellow roll and a yellow outfeed roll. This kit contains two outfeed axels.
- Multi-Pass Modified Infeed Swing Arm Assembly with one green roll and a green outfeed roll. This kit contains two outfeed axels.

Springs, Axles & Pivot
Screws Included



*Pricing available at www.williamsnhussey.com

Replacement Parts & Upgrades

Controls

Williams & Hussey custom controls are built to be used day in and day out by the woodworking professional. They are designed to improve production, be reliable, and maintenance free.

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

Part	Description	Model
54-413D	Single Phase, 230V	154CE.208/230.1 V2.0
54-417D	Single Phase, 230V	206.208/230.1 V2.0; 206.208/230.1.50 V2.0
54-420D	Three Phase, 208/230V	206.208/230.3 V2.0
54-421D	Single Phase, 115V	209.115.1 V2.0



Feed Roll Kits

Polyurethane Feed Roll Kits are available in "soft" 60 durometer (yellow) and a "durable" 70 durometer (green). Choose the durometer that best fits your application use.

Feed Roll Kits includes 2 rollers, 4 axles to hold in the feed rolls, and 1 tube of thread locker.

Feed Roll Kits available:

- 2 yellow rolls - This is recommended for short runs, single passes, and profiles with soft edges.
- 2 green rolls - Recommended for long runs, multiple passes, and profiles with sharp edges.
- 1 yellow roll and 1 green roll - For woodworkers that prefer a yellow roll on the infeed to grip the wood and a green roll on the outfeed for durability.



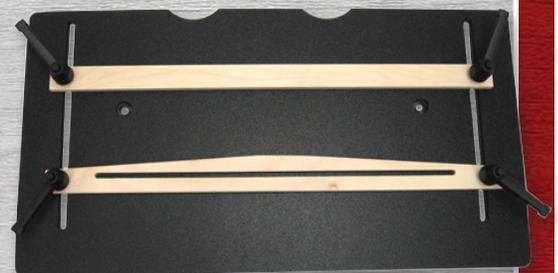
Guide System

The Guide System increases the working surface on a molder and protects knives that may cut below stock thickness, such as crown bottoms, half rounds, quarter rounds, and screen molds.

A Guide System is constructed of:

- 23 1/2" black HDPE sub plate that attaches directly to the molder bed with two screws. HDPE is extremely tough and wear resistant with a low friction surface.
- Two guides, including one straight guide and one flex guide. The beveled flex guide provides a wide entry for stock.
- Adjusting handles and hardware

Guide Systems come standard with the purchase of a new Molder.



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

Replacement Parts & Upgrades

Knife Motors

Williams & Hussey's Knife Motors are designed with a high quality torque. They are constructed to operate with reduced vibration, minimal noise level and maximum efficiency. The sturdy construction offers longer durability and minimum maintenance.



2 HP Shown

Variable Feed Motor

Variable Feed Motors are manufactured for demanding applications, high performance, and an advanced standard of reliability. They operate quietly over the full range of speed of 0-19 feet per minute. They are designed for longer more efficient life.

The Variable Feed Motor is compatible with Models 206 and 209.



Stand (STATIONARY)

The sturdy Molder Stand is constructed from all steel and comes standard with a new Molder purchases.

Based on customer feed back, the Stand was redesigned in 2021 to be heavier for increased stability. It has a motor lock that prevents unwanted movement while running stock and features integrated controls.

Upgrade to this Stand when adding Extension Tables to a Molder.

A 45" Powertwist Belt is required when upgrading an existing Molder to include a new Stand.

Add an optional Mobile Base for easy movement within the shop.



*Pricing available at www.williamsnhussey.com



Like Us on Facebook

Standard & Custom Knives



Standard Knives

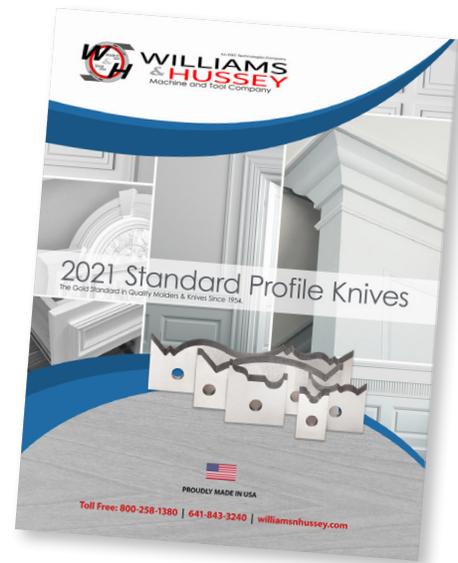
Choose from Astragals, Base Caps, Casings, Coves, Crowns, Picture Frames, and many more.

Custom Knives

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

Sharpening Service

Keeping knives clean and sharp will provide a consistent quality of molding stock. Once we receive your knives our sales team will contact you. Sharpening will be completed and shipped in 1-2 days.



REQUEST A CATALOG

Call to request a copy
or download online.



465 3rd Ave SE
Britt, IA 50423
(800) 258-1380
(641) 843-3240

customerservice@williamsnhussey.com

www.williamsnhussey.com