

FULL HOUSE ♦ MACHINERY



PRODUCT CATALOG



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SHOP LAYOUT

Full House offers assistance in shop layout and material flow. With years of experience in over 1,000 door shops, we can help you layout your shop for maximum efficiency.



Full House Company is located in Melbourne, Florida and has been supplying the Pre-Hung Door Industry since 1981. We have grown over the years through innovation and the ability to adapt to the changing market. With a knowledgeable staff and experience in over 1,000 door shops worldwide, we are dedicated to listening to your needs and helping to direct you to the proper solution. Whether you're a small startup or a major corporation, we are here to help our customers from start to finish.

Here at Full House, we have spent a tremendous amount of time ensuring that only the highest quality products have been included in this catalog. Please let us know if there are any additional products that you would like to see included.

We look forward to working with you!





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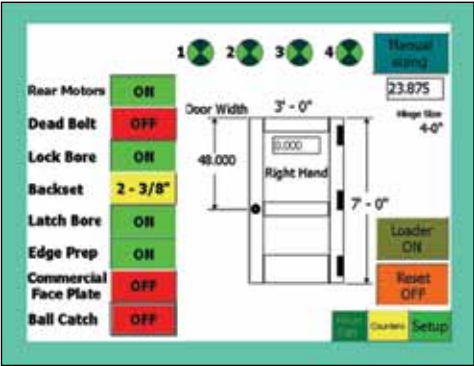
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Find a full listing of products for sale online at www.Full-House.com or call Full House at **1-800-325-8352** for product inquiries.

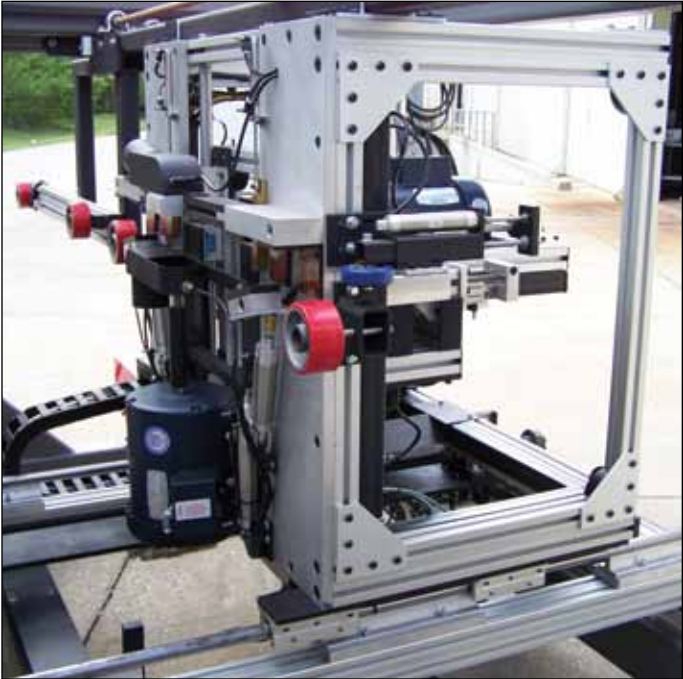
DOOR AND JAMB MACHINE



The **Marquise** is designed for residential and commercial door shops that need both a fast and flexible door machine. It is designed with heavy duty components and the latest in technology, so that you can consistently produce high quality door units. The **Marquise** also helps your bottom line by producing each unit with the least amount of labor.



12" Touch Screen



Marquise Lock Drill Unit



Automatic Hinge Routing

INNOVATIVE

- ♦ First horizontal door machine to combine both speed and flexibility.
- ♦ Siemens PLC & 12" Operator Touch Screen
- ♦ Stores door and jamb settings for single touch recall.
- ♦ User passwords can restrict operators access.
- ♦ Help screens and built in diagnostics aid the operator with troubleshooting.
- ♦ The machine can be upgraded in the future as new features become available.

VERSATILE

- ♦ Custom house packages are produced as efficiently as stock doors.
- ♦ Will machine 6'8" and 8'0" doors and jambs. (7'0" is optional)
- ♦ Automatic width indexing for doors 1'0" to 4'0".
- ♦ Door thickness can range from 1 3/8" to 1 3/4". (2 1/4" is optional)
- ♦ Interior/exterior wood and fiberglass doors are accommodated.
- ♦ Doors with raised moulding on one or both sides can be processed.
- ♦ Auto-tilt for square edge and double beveled doors.
- ♦ Automatic lock and deadbolt boring.
- ♦ Machines flat jambs, split jambs, exterior rabbetted jambs and mull posts.
- ♦ Will machine hinge jambs ranging from 2 1/2" to 14" in width.

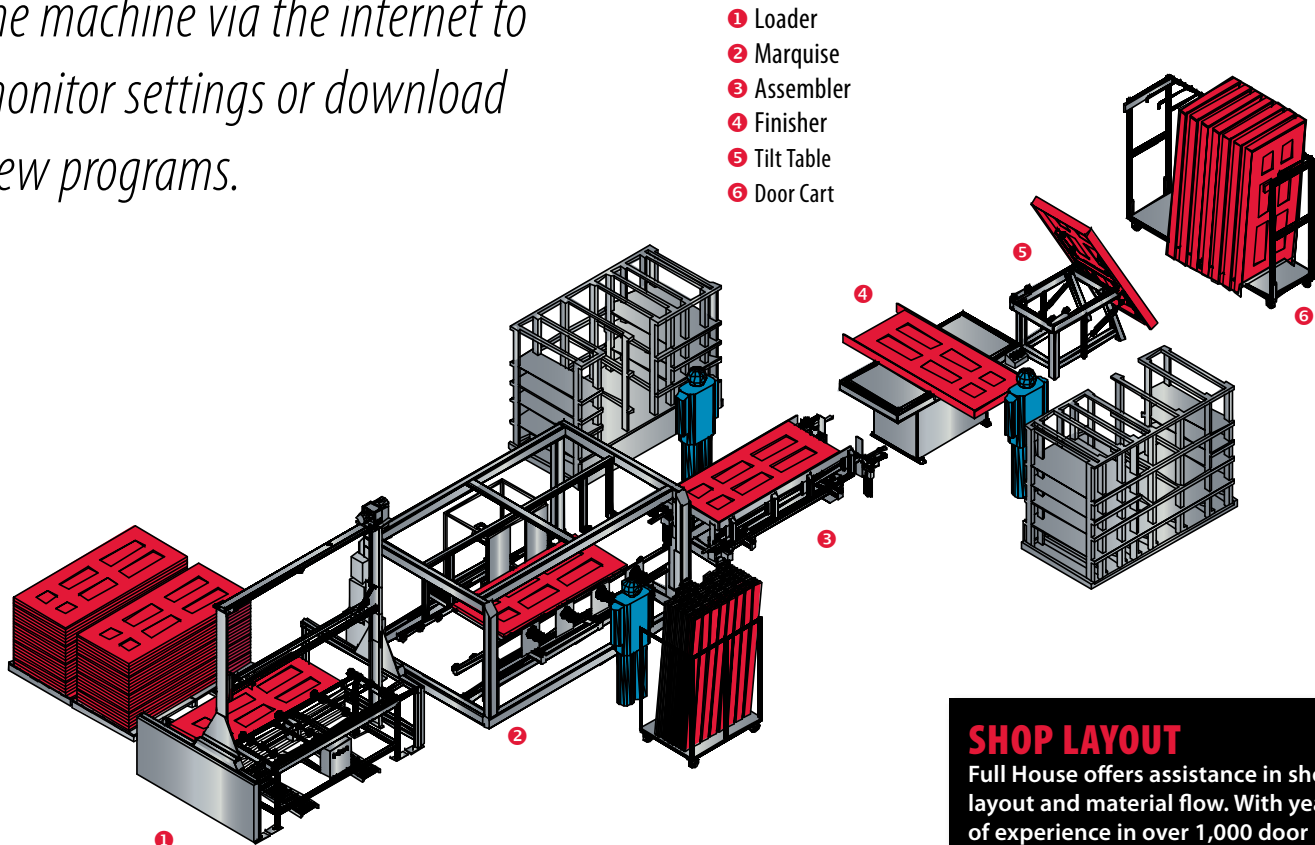
QUALITY

- ♦ Clamp up feature ensures consistent backset on door and jamb.
- ♦ Flush hinge mortising on square edge doors and double beveled doors.
- ♦ Auto tilt from 0 to 3 degrees results in flush hinges.
- ♦ Self centering latch bore is always centered within the faceplate mortise.
- ♦ Pre-drill units are used to eliminate splitting door and jamb.
- ♦ Heavy duty clamps straighten hinge jamb prior to machining.
- ♦ Soft non-marking rollers and clamp pads are used to eliminate damage.
- ♦ The computer and digital timers are used to maintain proper cutting speed.
- ♦ Dust shrouds and auto blow offs eliminate the build up of saw dust.

SPEED

- ♦ Automatic door loading, positioning and ejecting is standard.
- ♦ Instantly change the setup of the machine.
- ♦ All 4 hinges on the door and jamb are machined in 6 seconds.
- ♦ Automatic pre-drilling is accomplished in 5 seconds.
- ♦ Six shooter applies the hinge and all six screws in 6 seconds.
- ♦ Complete lock bore is finished in 19 seconds.
- ♦ Quickly run house packages to order or build to stock.
- ♦ Door Counters are useful in determining the productivity of your shop.
- ♦ All types of doors are processed at the same high speed of up to 60 doors/hour.

Full House engineers can access the machine via the internet to monitor settings or download new programs.



SHOP LAYOUT
Full House offers assistance in shop layout and material flow. With years of experience in over 1,000 door shops, we can help you layout your shop for maximum efficiency.

MARQUISE CONTINUED...

AVAILABLE OPTIONS

These options can be purchased with your Marquise or added later. New options will be designed to work with existing machines.

- A. Auto Tilt Hinge Routers:** Instantly switch between 0 & 3°. Mortises flush hinges on both straight and double beveled doors. (Standard machine is fixed at either straight or 3°)
- B. Double Face Bore:** Additional lock bore unit is added so each door is bored automatically from both sides. Boring the door from both sides results in a perfect bore and eliminates blowout or splitting. This option also eliminates the need to change backup blocks and allows bits to be used longer.
- C. Deadbolt Bore:** Automatically bores deadbolts on 6'8" & 8'0" doors.
- D. 7'0" Door:** Includes hinge pattern, lock bore and deadbolt location for 7'0" doors.
- E. Pre-drill:** Pre-drill unit moves to each position and drills six 7/64" holes simultaneously for a 3 1/2" hinge. Units are also available for 4" and 4 1/2" hinges.
- F. Screwfeeder:** Automatically feeds hinge screws and includes a quick change bowl for easily switching screw colors.
- G. Ball Catch Drills:** Includes two complete units for boring the top of doors for right or left hand ball catches. The units drill during the normal cycle time.
- H. Pre-drill System:** All 24 holes are automatically drilled in 5 seconds following the hinge routing.
- I. Custom Lock Positioning:** Digital Integration for infinite lock and deadbolt locations.
- J. Hi-freq Routers:** (4) Heavy duty hinge and (1) faceplate routers with drive units. These industrial routers are quieter and will last longer than standard models.
- K. Hinge applicator:** The operator places a 3 1/2" hinge on the magnetic indexing fixture and presses a button, the hinge applicator feeds all six screws and applies the hinge in approximately 6 seconds. This option saves the operator a tremendous amount of time and energy. The hinge applicator is also available in an eight shooter for 4" hinges. Both hinge applicators come standard with a quick change bowl for easily switching screw colors.
- L. Beveler/Sizer:** Integrated sizing system works from the Marquise's touch screen and includes an automatic buffer table to maximize production.
- M. 2 3/4" Backset:** Instantly switch between 2 3/8" and 2 3/4" backset. (Does not require changing the backup blocks)
- N. Half Bore:** Automatically machine for a closet pull or third deadbolt for apartment buildings.
- O. Pass Thru Hinges:** Mortise exterior doors for pass thru hinges.
- P. Commercial Faceplate Mortise:** Add a second faceplate size up 1 1/8" x 2 1/4".
- Q. Internet Service Package:** The Marquise can be monitored remotely via the internet.
- R. Dust Collection System:** 5 HP system with auto start.
- S. CNC Deep Pocket Mortising:** Special lock drill module for machining deep pockets and longer faceplate mortises. A hi-frequency router is controlled by coordinated motion and will machine any lock up to 4 3/4" deep and up to 10" long. This option is normally used in commercial doors and for European Locks.
- T. CNC Hinge Routing:** Automatically adjust hinge locations anywhere along the door & jamb. This option is very useful for door shops machining replacement doors or commercial door shops machining doors to match metal frames.



Hinge Applicator - Six Shooter



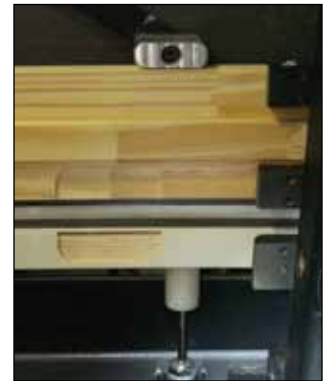
Pre-drill Units
(Available in 3 1/2", 4" or 4 1/2")



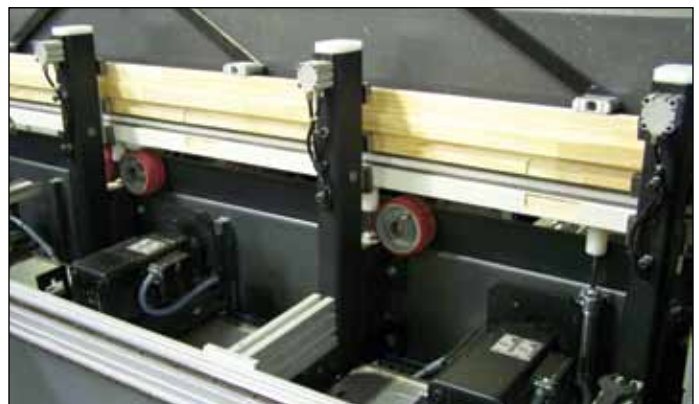
Six Shooter Stand



Automatic Ball Catch Drills



Heavy Duty Clamping System



High Frequency Routers

Marquise Door Loader

The **Marquise Door Loader** is completely automatic and will adjust to any width of door from 1' to 4' and up to 8' in height. The loader will pick the top door from a stack and place it on the infeed table. The door is then automatically fed into the Marquise at the proper time.



MACHINE FEATURES

- ♦ Automatically adjusts to any height, width and thickness of door
- ♦ Accommodates a door stack height of up to 7'
- ♦ Will pick up heavy doors up to 2 1/4" thick
- ♦ No adjustment needed to pick up doors with raised moulding
- ♦ Optional floor conveyors can be added to allow staging of multiple orders
- ♦ Empty pallets are removed from the front of the machine so material flow is not interrupted
- ♦ The loader can be set up to feed either right or left depending on shop layout
- ♦ The entire operation of the loader can be controlled electronically from the Marquise's touchscreen
- ♦ The loader can run in either manual or automatic cycle

CAPABILITIES

Types of doors:	Interior and Exterior doors (Will accommodate raised moulding)
Height:	Up to 8'
Width:	1'0" to 4'0"
Thickness:	Up to 2 1/4"

SPECIFICATIONS

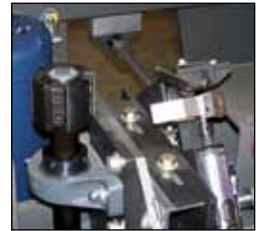
Machine Size:	10'L x 8"W x 11'H
Electrical Requirements:	Runs off Marquise
Air Requirements:	7 CFM @ 90-100 PSI
Shipping Weight:	2000 lbs.

Beveler/ Sizer

The **Horizontal Beveler/Sizer** is completely automatic and can be used either inline with the Marquise or as a stand alone machine. This machine's heavy duty cutter head will bevel the lock side of the door to 3°. The machine will also ease the edges of the door for a smooth factory finish. An optional inline belt sander can be added.



Heavy Duty 5 HP Motor



Quick change blades, bits



MACHINE FEATURES

- ◆ Auto on/off
- ◆ Electronically controlled sizing is quick and accurate
- ◆ Bevels and sizes doors up to 2 ¼" thick
- ◆ Accommodates doors with raised moulding on both sides
- ◆ Bevels and sizes doors 1' to 4' width
- ◆ Dust collection hookup is standard
- ◆ The digital integration package allows the machine to be controlled from the Marquise's touchscreen
- ◆ The automatic buffer table increases the productivity of the entire door line.
- ◆ Options:
 - Digital Integration
 - In-line belt sander
 - Automatic Buffer Table

CAPABILITIES

- Types of doors:** Interior and Exterior wood doors
(Will accommodate raised moulding)
- Height:** Any
- Width:** 1'0" to 4'0"
- Thickness:** Up to 2 ¼"

SPECIFICATIONS

- Machine Size:** 8'L x 5'W x 4'H
- Electrical Requirements:** 208V - 230V, 3 Phase, 13 AMP
115V, 1 Phase, 4 AMP
- Air Requirements:** 10 CFM @ 90-100 PSI
- Shipping Weight:** 2000 lbs.

Assembler



AUTOMATIC ASSEMBLY MACHINE

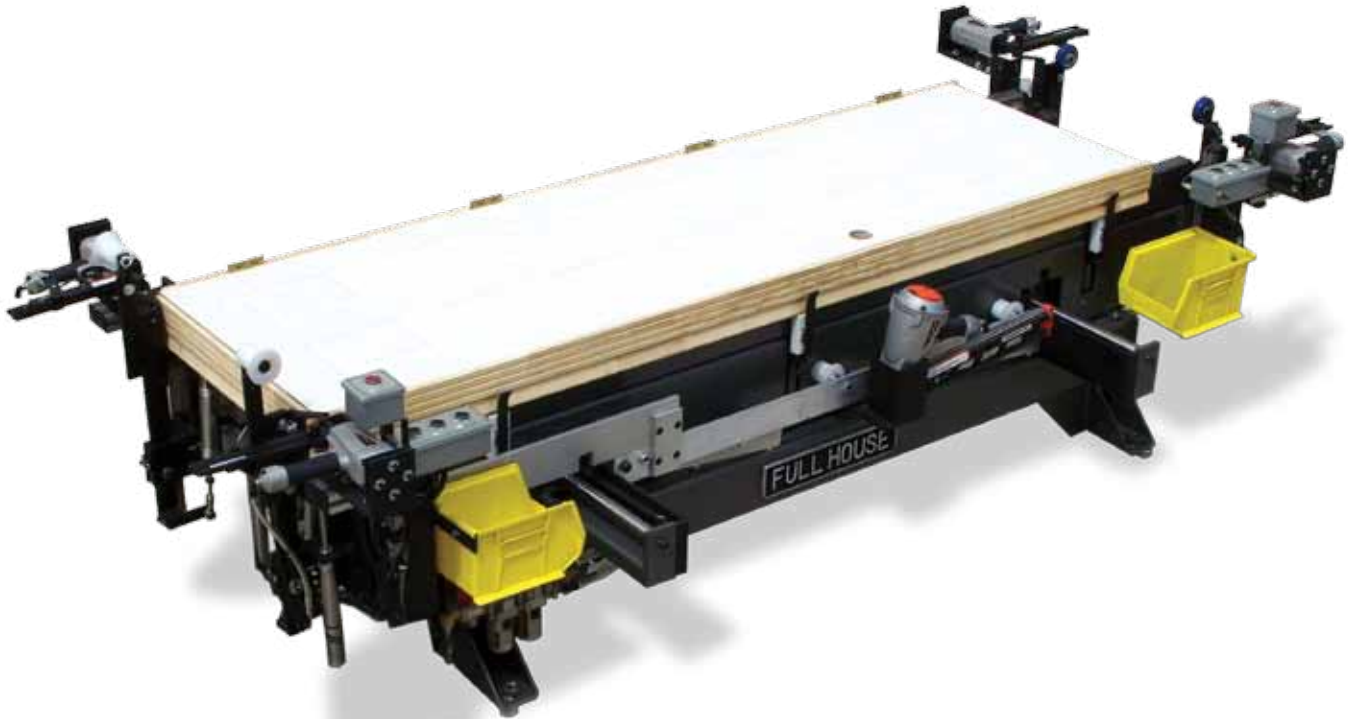
The Full House **Assembler** is used to quickly and accurately assemble interior and exterior doors and jambs. Its unique method of clamping and squaring the jambs results in a tight fit without putting pressure on the door.



Jambs are securely clamped during stapling.



A duplex nail or a door plug is used for shipping.



MACHINE FEATURES

- ◆ Simple to operate
- ◆ The assembler will consistently build a great quality door unit.
- ◆ The door and hinge jamb are moved into the machine on non-marking rollers.
- ◆ The operator places the strike and head jamb into the machine ready for clamping.
- ◆ With the push of a button the entire unit is clamped up square.
- ◆ The clamped header signals which staplers need to fire for either a right or left hand door.
- ◆ The unit is completely pre-hung in less than 10 seconds and is ejected on a second set of non-marking rollers.
- ◆ A rotating index bar allows quick change of up to 4 pre-set staple patterns. The index bar controls all 4 staple guns reducing setup time when switching between jambs.
- ◆ The unique clamping system handles doors up to 8' in height and from 1' to 4' in width.
- ◆ Custom gun mounts are machined to match any brand of fastener.
- ◆ An optional duplex nailer can be added for keeping the door closed.
- ◆ The Assembler is compatible with any vertical or horizontal door machine.

CAPABILITIES - DOORS

- Types of Doors:** Any type of wood, steel or fiberglass doors
Including raised molding on both sides
- Height:** Up to 8'
- Width:** 1' - 4'
- Thickness:** 1" - 2 1/4"

CAPABILITIES - JAMBS

- Types of Jambs:** Flat, Split, Single or Double rabbitted
- Height:** Up to 8'
- Width:** Up to 7 1/4"
- Thickness:** 1/2" - 1 1/2"

SPECIFICATIONS

- Machine Size:** 11'L x 7'W x 3'H
- Electrical Requirements:** 120 V, single phase @ 15 amps.
- Air Requirements:** 8 - 12 CFM @ 100 PSI.
- Shipping Weight:** 1500 lbs.

DTS - Door Transfer System

Is applying casing to the door unit slowing you down?

Let us help design and build a custom streamlined solution for your new or existing door line. **Casing and packaging will no longer be your door line's bottleneck.**



Shown with 3 finisher/tilt work stations for applying door casing

MACHINE FEATURES

- ◆ Two industrial belt conveyors transfer door units from the assembler to individual work stations.
- ◆ Heavy duty pop-up rollers allow unit to easily slide from the DTS to each finisher
- ◆ Will keep up with the fastest door lines on the market
- ◆ Number of workstations depends on the required production
- ◆ Individual call buttons allow operators immediate access to the next door

CAPABILITIES

Types of doors:	All Interior and Exterior
Height:	Up to 8'
Width:	Up to 4'
Thickness:	Up to 2 ¼"

SPECIFICATIONS

Machine Size:	18' L x 6' W
Electrical Requirements:	120 V
Air Requirements:	3.5 CFM @ 90-100 PSI

PVC ROLLER TABLE

Our heavy duty PVC roller tables are non-marring to doors and jambs. They work with the Full House line of machines and we can match the height of any existing door lines. Convenient storage can be added underneath on a plywood deck. Holsters and air connects can be added.

Width (in.)	Height (ft.)	Model	Shpg. Wt.
42	8	FHRT428	500.0
42	10	FHRT4210	625.0
52	8	FHRT528	625.0
52	10	FHRT5210	775.0

Ask about custom sizes.



Additional option: Custom soft derometer rollers for pre-finished doors.

Finisher



CASING & PACKAGING MACHINE

The **Finisher** is designed to put the finishing touches on interior and exterior pre-hung door units. The unique design reduces labor and damage by allowing one operator to rotate and flip the pre-hung unit. Optional tilt-up feature eliminates the need for a separate tilt table.



Holster with Air Disconnect



Tilt Table Option

MACHINE FEATURES

- ♦ The Finisher pneumatically lifts and rotates the pre-hung door unit allowing one operator to apply casing to all sides of the door and then orient the head in the right direction for packaging and shipping.
- ♦ Two electric belts aid in the flipping of the pre-hung to case or work on the opposite side.
- ♦ Easily flip the unit for casing split jambs or applying the head stop to flat jambs.
- ♦ Holsters and air connections have been added for staple guns.
- ♦ Storage under the table for extra staples and materials.
- ♦ No need for lifting or walking around a table or conveyor to finish door units.
- ♦ High Production Shops might use multiple finishers per door line.
- ♦ Optional tilt-up feature eliminates the need for a separate tilt table.

CAPABILITIES

- Types of Doors:** Interior and Exterior Doors
- Height:** Up to 8'
- Width:** 1'0" to 3'0"
- Thickness:** Up to 2 1/4"

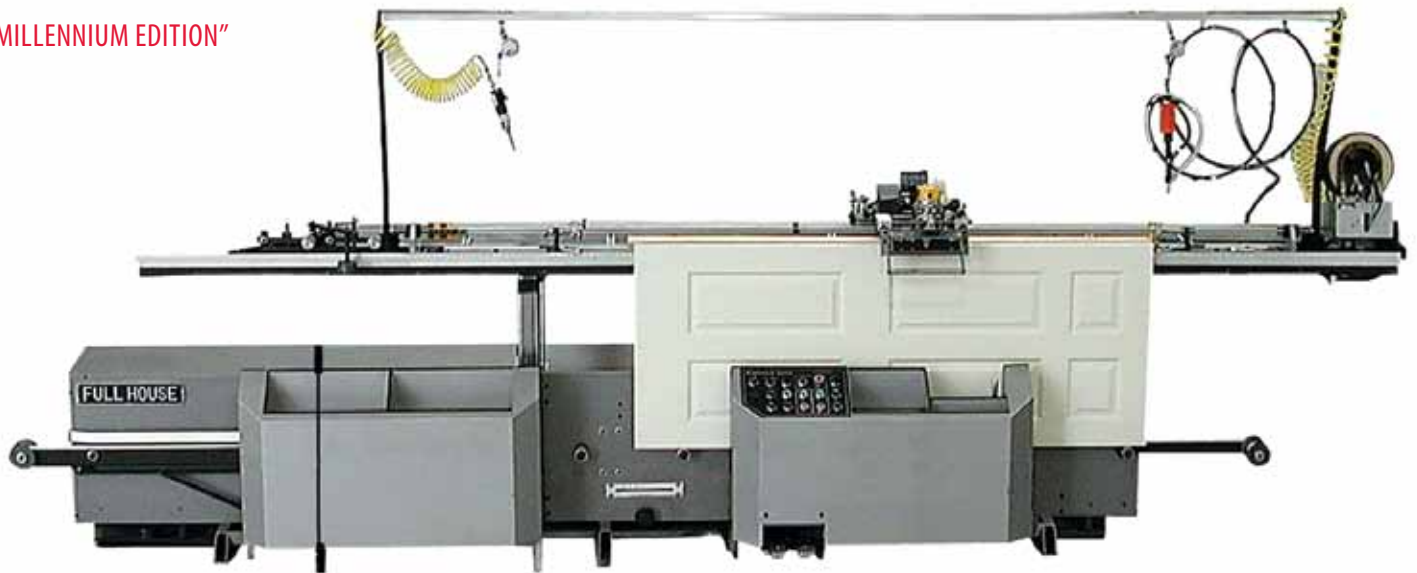
SPECIFICATIONS

- Machine Size:** 8'L x 4'W x 3'H
Height is adjustable to match height of door line
- Electrical Requirements:** 120 V, 10 amps
- Air Requirements:** 1.5 CFM • Number and style of fasteners will increase air consumption
- Shipping Weight:** Approx. 800 lbs.

Diamond 3001M



"MILLENNIUM EDITION"



THE MOST VERSATILE PRE-HUNG DOOR SYSTEM IN THE WORLD

The Diamond 3001M is three door machines in one because it can machine wood, steel and fiberglass doors. The ease of changeover and versatility makes this machine ideal for door shops that are producing house packages or custom door orders. The many features and options allow you to process all types of doors from standard interior doors to super high-end custom entrance doors. The superior design of the Diamond 3001M also helps you build the highest quality door units on the market.

MACHINE FEATURES

- ◆ Precision machining of wood, steel and fiberglass doors up to 4'x 9' x 2 1/4".
- ◆ Telescoping top bar elevators eliminate the need to drill holes in your factory floor
- ◆ Will process jambs up to 10 1/2" wide and 1 1/2" thick
- ◆ Hinge locations and door sizes can be changed in seconds
- ◆ Ideal for shops producing residential, commercial, architectural and fire-rated doors.
- ◆ Automatically adjusts from interior to exterior doors. House jobs can be run with no changeover.
- ◆ The Hinge Router carriage travels smoothly on a Linear Rail System that provides accurate hinge placement.
- ◆ Rotating hinge bar has 8 preset hinge patterns and the entire pattern can be changed in seconds.
- ◆ No need to invest in extra bars for each hinge pattern.
- ◆ The Double Bevel Hinge Router Carriage will machine flush hinges on square edge or double beveled doors.
- ◆ Quick change door and jamb stops eliminate measuring when changing settings.
- ◆ Scaled front bar saves time when boring a custom lock height.
- ◆ Quick changed templates are used to switch between any hinge size and radius. Templates are custom made to match your hinges and required backsets.
- ◆ The adjustment for jamb thickness is controlled by a switch on the front of the Hinge Router Carriage.
- ◆ Infinite width indexing allows all doors to be normally processed even if the door width is not standard.
- ◆ Changing lock bore backset from 2 3/8" to 2 3/4" is automatic by flipping a switch on the control panel. It is no longer necessary to change back-up blocks when changing backset.
- ◆ Full dust collection hook-ups are provided for the hinge router, beveler/sizer, and lock drilling module.

- ◆ Additional floor sweep has been added to help during shop cleanup.
- ◆ An overhead tool bar with tool balancer and air screwgun come standard for applying the hinges in the machine.

CAPABILITIES

Types of Doors:	Interior and Exterior Doors
Height:	Up to 9' (Larger door can be machine without stops)
Width:	1'6" to 4'0"
Thickness:	Up to 2 1/4" (plus raised moulding both sides)
Types of Jambs:	Split, Flat, Rabbeted, Mull Post
Height:	Up to 9'
Width:	Up to 10 1/2"
Thickness:	Up to 1 1/2"
Hinge Sizes:	3 1/2", 4", 4 1/2", 5"
Hinge Radius:	5/8", 1/4"
Lock Backsets:	2 3/8", 2 3/4"
Faceplate Sizes:	1" x 2 1/4" (Up to 1 1/8" x 2 3/4")
Capacity Rate:	30 doors per hour

SPECIFICATIONS

Machine Size:	18'L x 3'W x 8'6"H
Electrical Requirements:	230 v 3Ø, 230 v 1Ø, or as required
Air Requirements:	Min. 8 CFM @ 100 PSI
Shipping Weight:	Approx. 3500 lbs.

AVAILABLE OPTIONS

These options can be purchased with your Diamond 3001M or added later.

- A. Automatic Beveler/Sizer:** Power-fed SHP beveler is used to size and bevel doors to the desired width. The cutter head rotates in the same direction as the door is moving for a perfect climb cut. Dual edge relief routers automatically adjust for different door thicknesses and ease the edge of the door for a smooth factory finish.
- B. Auto Faceplate Routing:** Complete lock prep is automatic and occurs at the same time the operator is machining for hinges. The operator pushes a single foot pedal and the machine will bore for the lock, latch and mortise for the rectangular faceplate. This is all done without having to reposition the door and taking the chance of latch being misaligned.
- C. New Double Face Bore:** Additional lock bore unit is added so each door is bored automatically from both sides. Boring the door from both sides results in a perfect bore without blowout or splitting. This option also eliminates the need to change backup blocks and allows bits to be used longer.
- D. Second Lock Drill Module:** Separate two speed lock drill module is added to prep steel doors for locks and deadbolts. This second motor allows a lower R.P.M. for boring steel doors and a higher R.P.M. for boring fiberglass and wood doors.
- E. Digital Readout:** This fractional display is located on the Hinge Router Carriage and is ideal for matching metal frames, special hinge locations or for replacement doors.
- F. Dust Vacuum System:** An integrated 3HP dust collection system can be added.
- G. Quick Change Router Kit:** Changing from 5/8" to 1/4" radius is accomplished in seconds using a second router kit.
- H. Air Pre-drill Kit:** Pre-drill unit and a Vix bit is used to drill screw holes in the door and jamb to eliminate possible splitting.
- I. Inline Screwfeeder:** Automatically feeds hinge screws saving the operator a tremendous amount of time. The screwfeeder is custom built to match your particular screw size and shape and is available with a quick change bowl for switching screw color.
- J. Deep Pocket Mortising:** Special lock drill module for machining deep pockets and longer faceplate mortises up to 4 3/4" deep and up to 10" long. This option is normally used in commercial doors and for European Locksets.



Heavy Duty Hinge Router Carriage



Digital Readout for Custom Hinge Locations



Dual Lock Drills with Automatic Edge Prep



User-Friendly Control Panel



Beveler/Sizer & Dual Edge Easers



Automatic Screwfeeder

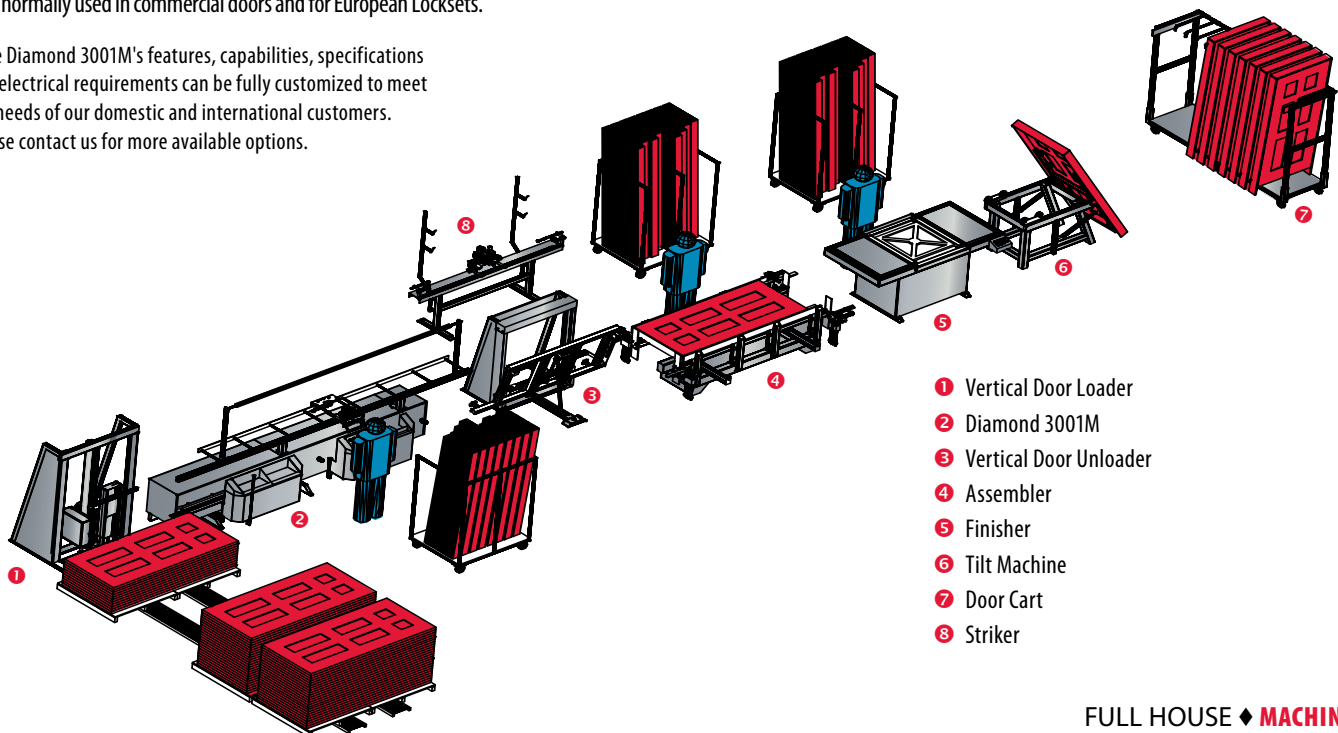


Electrical Box with Operators Manual



Rotating Hinge Stop Bar

*The Diamond 3001M's features, capabilities, specifications and electrical requirements can be fully customized to meet the needs of our domestic and international customers. Please contact us for more available options.



- 1 Vertical Door Loader
- 2 Diamond 3001M
- 3 Vertical Door Unloader
- 4 Assembler
- 5 Finisher
- 6 Tilt Machine
- 7 Door Cart
- 8 Striker

Backsaver Series



The **Backsaver Loader** and **Unloader** saves the operator precious time and energy. They streamline the material flow in and out of your vertical door machine.



Loader

D3001M

Unloader



Doors are individually picked from a stack to reduce damage.



Doors are transferred to an assembly machine or tilted up for easier handling.

MACHINE FEATURES

- ◆ The Loader automatically picks the top door from a stack, lifts and then turns the door to a vertical position, ready to be fed into the vertical door machine.
- ◆ The Unloader transfers the door to an assembly table or tilts to a vertical position for ease of handling to a cart or rack.
- ◆ Both machines will easily handle heavy doors, including solid core, MDF and doors with impact glass.
- ◆ Both machines will accommodate doors with raised moulding on one or both sides.
- ◆ The Backsaver Series saves the operator time and allows for more output through the vertical door machine.
- ◆ Helps reduce back related injuries and damage from unnecessary material handling.
- ◆ They can be used with any brand of vertical door machine.
- ◆ Both machines are completely air operated for ease of set-up and low operation costs.

CAPABILITIES

	Loader	Unloader
Width:	Up to 3'0"	Up to 4'0"
Height:	Up to 9'0"	Up to 9'0"
Thickness:	Up to 2 1/4"	Up to 2 1/4"
Stack Height:	Up to 51"	NA

SPECIFICATIONS

	Loader	Unloader
Machine Size:	8'L x 7"W x 7'6"H	6'L x 7"W x 6'H
Air Requirements:	Min. 8.5 CFM @ 90 PSI	Min. 8.5 CFM @ 90 PSI
Shipping Weight:	Approx. 1250 lbs	Approx. 900 lbs

Automatic Screwfeeder

Specially designed to save time during hinge application

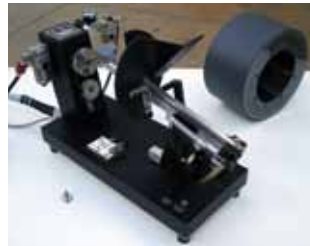


MACHINE FEATURES

- ◆ In-line screwdriver for vertical door machines.
- ◆ Direct drive pistol grip screwdriver for horizontal door machines.
- ◆ Driver Jaws made of tool steel, hardened to 60 Rockwell C for long life.
- ◆ 10" or 12" feeder-bowl available.
- ◆ Patented escapement mechanism.
- ◆ Optional quick change bowl for easily switching screw colors.

SPECIFICATIONS

Electrical Requirements: NA
 Air Requirements: 10 CFM @ 90-100PSI
 Shipping Weight: 50 lbs.



Quick change bowl for switching screw colors



Self Centering Jaws

Dust Vacuum System



5 HP

3 HP

MACHINE FEATURES

- ◆ Practical, Fully Mobile Dust Collectors.
- ◆ Precision spin-balanced impellers for smooth operation and minimal noise.
- ◆ Single stage design for powerful and economical operation.
- ◆ Four swivel castors allow total mobility.
- ◆ Micron poly-cotton bags are washable for long service life.
- ◆ All models include basic machine, motor & switch, micron bags, base castors and instruction manual.
- ◆ Optional: Single Phase, 208/220V

SPECIFICATIONS

Motor Size:	3 HP	5HP
Electrical:	220V, 3 Phase	220V, 3 Phase
Bag Volume:	10.8 ft ³	26 ft ³
Air Volume:	2800 CFM	4820 CFM
Hose Size:	4" or 8"	4" or 8"
Shipping Weight:	363 lbs.	616 lbs.



Industrial motor and remote start/stop



4" Hose Connects

Strike Jamb Router



The **Diamond Strike Jamb Router** is a great compliment to any door machine. A foot operated pedal pneumatically clamps the material and starts the router. Many types of strike plates can be mortised by use of quick change templates. With the standard deadbolt adapter the operator can change from a Full Lip Strike to Deadbolt Strike without changing templates. Deadbolt stops are standard.



Quick change stop system



Quick change template



MACHINE FEATURES

- ♦ Jamb Racks above and below the work surface aid in ease of handling material
- ♦ Pre-set deadbolt stops allow a quick and easy processing of exterior jambs.
- ♦ Accurately machines full lip strikes, no lip deadbolts and T-strikes.
- ♦ Quick change stops accommodate flat jambs, split jambs, rabbited jambs, mull posts and headers for ball catches.
- ♦ With a template you can machine hinge pockets
- ♦ Quick change backset stops
- ♦ Quick change bar for switching between 6'8", 7'0" & 8'0" jambs
- ♦ Custom Templates available

CAPABILITIES

Width:	No Limit
Height:	Up to 9'0" (Unlimited without stops)
Thickness:	½" to 1½"
Routing:	Up to 4 7/8". (Custom templates available.)
Machine Capacity Rate:	Over 200 Jambs per hour

SPECIFICATIONS

Machine Size:	8'L x 2'W x 3'6"H
Electrical Requirements:	120 V, Single Phase 10 AMP
Air Requirements:	1.5 CFM @ 90 PSI
Shipping Weight:	Approx. 250 lbs.

CNC Jamb Router



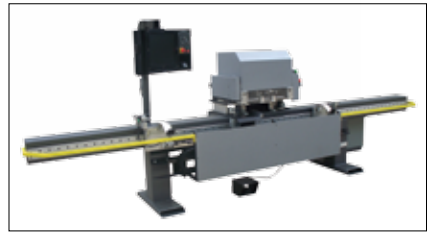
The **CNC Jamb Router** is preset with all measurements and offsets for standard strikes, deadbolt strikes, T-strikes, multipoint hardware, ball catch, commercial strikes, hinges and more. Each setup is changed instantly and does not rely on the operator to read a tape or follow a template for proper setup.



Touch Screen Display

MACHINE FEATURES

- ♦ Hi frequency router is used for quiet operation and a long lasting life cycle.
- ♦ Custom built frame and clamping system to ensure proper machining.
- ♦ 3 axis control system is used for unlimited machining potential.
- ♦ Automatic jamb clamps and ejects maximize production through the machine.
- ♦ Single touch recall for thousands of different profiles.
- ♦ Machine comes programmed for the most common hardware. Additional programs can be pre-programmed by Full House.
- ♦ Quickly and accurately machines split jambs, flat jambs, rabbetted exterior jambs, mull posts and more.
- ♦ Programs can be easily created, modified, or deleted in the field using the user friendly wizards or G-Code.
- ♦ Machines headers for ball catch hardware including faceplate mortising. Preset programs and offsets allow machining headers for double doors without repositioning the jamb.
- ♦ Machine strike jambs for standard and deadbolt bores without repositioning the jamb. Spacing between can be changed instantly.
- ♦ Standard and custom T strikes are machined as easily as standard strikes.
- ♦ Precisely machine for even the most complicated multipoint hardware up to 12 1/2" long. Multipoint hardware often has several layers with different depths which make machining with a standard strike jamb router impossible.
- ♦ Programmable tool compensation gives the operator control over the cuts with different size bits.
- ♦ Diagnostic screens easily accessible for trouble shooting timers, sensors, valves and cylinders.
- ♦ Digital timers are very useful when setting optimal cutting speed based on the type of material.



Full Length Option

WILL MACHINE

- ♦ Hinge Jambs
- ♦ Strike Jambs
- ♦ Hinge Prep on Mull Post
- ♦ Strike Prep on Mull Post
- ♦ Prep Header for Mull Post
- ♦ Jambs, Head Jambs and Mull Posts
- ♦ for Multipoint Locks
- ♦ Interior Strikes
- ♦ Interior Headers for Double Doors (Ball Catch or Flush Bolts)
- ♦ Any Special Commercial or Architectural Specs

CAPABILITIES

- Routing:** Up to 12 1/2" x 2 1/2"
(Optional: full length of jamb)
- Height:** Up to 9'0" (Unlimited without stops)
- Width:** Up to 14"
- Thickness:** Up to 1 3/4"

SPECIFICATIONS

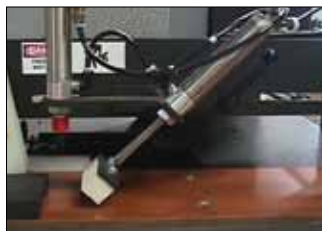
- Machine Size:** 8'L x 3'W x 4'H
- Electrical Requirements:** 120v single phase
- Air Requirements:** 1.5 CFM @ 100 PSI
- Shipping Weight:** 1,000 lbs.

Trimmer



DOUBLE END TRIM SAW

The **Trimmer** has the speed, accuracy and versatility to meet the changing demands of today's door shops. The Trimmer will miter casing and brickmold up to 4 1/2" wide. It will square cut or miter door stop. It will even process jambs up to 7 1/4". The best feature is the ease of changeover from one setup to the next.



The Trimmer's positive clamping system results in an exact miter



12" 80-toothed Carbide tipped blades cut the material clean and fast



Digital readout for precise lengths

MACHINE FEATURES

- ◆ Process casing, door stop, brickmold and jambs
- ◆ 12" Carbide Tipped Blades process wide material
- ◆ Carriages automatically shift between 45 and 90 degrees
- ◆ Material support fences help straighten the material prior to processing
- ◆ Drop chutes direct off cut away from working surface
- ◆ Finished material is automatically ejected out the back to a rack or cart
- ◆ **Options:**
 - **Digital Readout:** Lengths are displayed in fractions.
 - **Kerfing:** Machines the corners of casing for metal spline nails.
 - **Jamb Cut Down:** Cuts jambs to length on one end only. Saves end with dado.

CAPABILITIES

- Material:** Door Stop, Casing, Brickmold, Jambs
- Length:** 18" to 98"
- Width:** Up to 7 1/4" (90°)
Up to 4 1/2" (45°)
- Thickness:** Up to 1 1/2"

Processes up to 20 pieces per minute

SPECIFICATIONS

- Machine size:** 12'L x 3'W x 3'6"H
- Electrical Requirements:** 115v single phase, 20 amps
208-230v 3 phase, 12 amps
- Air Requirements:** 4.5 CFM @ 90 PSI
- Shipping Weight:** 1500 lbs.

CNC Trimmer



DOUBLE END TRIM SAW

The **CNC Trimmer** is preset with all measurements and offsets for casing, jambs, stop, brickmold and more. Each setup is changed instantly and does not rely on the operator to read a tape for proper setup.



15" Color Touch Screen

MACHINE FEATURES

- ♦ Cut to length casing, jambs, door stop and brickmold all in one machine.
- ♦ Heavy duty saws have 12" Carbide Tipped Blades that will process wide material.
- ♦ Industrial strength touch screen with single touch recall of up to 200 settings and lengths.
- ♦ Servo for precise measurements without relying on the operator for proper setup.
- ♦ Automatically switch from right to left hand. Automatically switch to headers.
- ♦ Cut jambs for double doors and select from exterior, interior, ball catch, and astragal.
- ♦ Quickly change head sizes by selecting door sizes.
- ♦ Instantly switch from 6'8" to 7'0" and 8'0" pieces.
- ♦ Preset measurements for casing, jambs, stop and brick mold.
- ♦ Diagnostic screens for trouble shooting, timers, sensors, valves and cylinders.
- ♦ Manually size using user friendly input screen with feet, inches, and fractions.
- ♦ Material is clamped, cut and ejected in seconds making this one of the fastest saws on the market.
- ♦ Preset offsets to match your desired settings.
- ♦ Material counters keep track of sizes and quantities processed.
- ♦ Drop chutes help direct off cut away from working surface.
- ♦ Material is clamped securely against support fences that help straighten warped material prior to cutting.

AVAILABLE OPTIONS

- A. Kerfing:** Machines the corners of casing for metal spline nails.
- B. Jamb/Leg:** Cuts jambs to length on one end only saving the dado.

CAPABILITIES

Material:	Casing, Jambs, Door Stop, Brickmold
Height:	U18" to 98"
Width:	Miters up to 4 1/2", straight cut up to 7 1/4"
Thickness:	Up to 1 1/2"

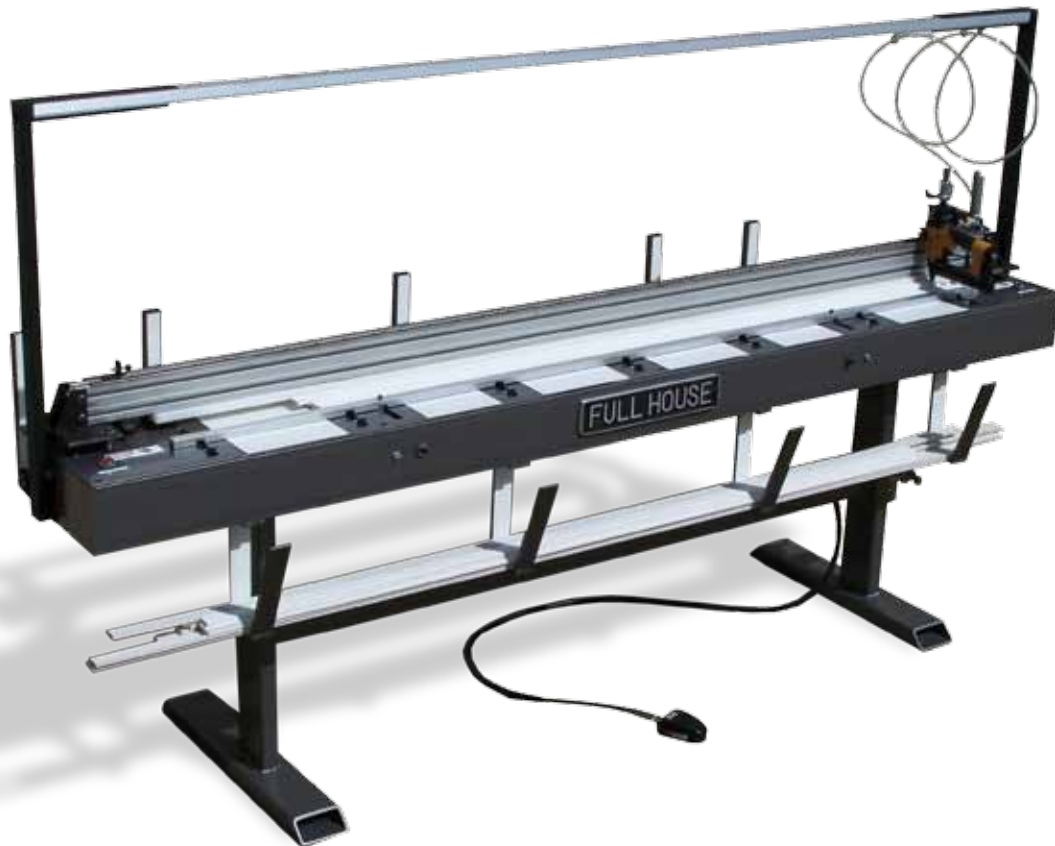
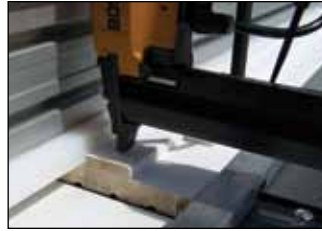
SPECIFICATIONS

Machine Size:	12'L x 3'W x 3'6"H
Electrical Requirements:	230v 3phase & 230v single phase (optional 480v)
Air Requirements:	4.5 CFM @ 100 PSI
Shipping Weight:	1,500 lbs.

Single Gun Stop Stitcher



The Diamond **Single Gun Stop Stitcher** applies stop to flat jambs. The machine accommodates any type of material.



MACHINE FEATURES

- ♦ Jambs are securely clamped in place.
- ♦ No adjustment is necessary for processing different length jambs up to 8'.
- ♦ Will process square or mitered door stop.
- ♦ Stop guide straightens and aligns warped stop prior to applying.
- ♦ Quick change stops are included for switching the backset for 1 3/8" to 1 3/4" doors.
- ♦ End stops are referenced from the inside of the dado. This ensures correct alignment of the stop even if the length of dado varies.
- ♦ Special stops can be included for applying stop to head jambs.
- ♦ Finished jambs are ejected to a material rack.
- ♦ Custom gun mounts are machined to match most manufacturers staplers or nailers.
- ♦ Extended magazine for the fastener is recommended to help minimize downtime for reloading.

CAPABILITIES

Jamb Length:	Up to 8'
Jamb Width:	4" to 7 1/4"
Jamb Thickness:	Up to 3/4"
Stop width and thickness:	Adjustable to match most sizes and profiles
Backset:	Adjustable
Staple spacing:	Infinite
Production rate:	Up to 6 pieces per minute

SPECIFICATIONS

Machine Size:	8'L x 3'W x 4'H
Electrical Requirements:	115v single phase Standard cord and plug
Air Requirements:	100 PSI
Shipping Weight:	Approximately 600 lbs.

Flow Thru Stop Stitcher



The **Flow Thru Stop Stitcher** automatically applies stop to flat jambs. The new design of this machine accommodates all types of materials and includes two completely separate controls systems, one for each gun.



Custom Tool Mounts



MACHINE FEATURES

- ♦ Jambs are processed independently for speed and accuracy. Maximize production with two operators.
- ♦ Will process up to 16 jambs or 20 heads per minute.
- ♦ Will process square or mitered stops without adjustment.
- ♦ Fasteners are placed 2" from both ends and every 11" between. Custom spacing is also available.
- ♦ No adjustment is necessary for processing different length jambs or headers.
- ♦ Jamb stops are referenced from the inside of the dado to ensure proper alignment.
- ♦ Quick change stops are included for switching backset to match 1 3/8" & 1 3/4" doors.
- ♦ Quick change stops are custom built to match required header setbacks.
- ♦ Material is automatically powered using a non-marking wheel.
- ♦ Floating gun mounts reduce drag on the material and increase gun life.
- ♦ Custom gun mounts are machined to match most manufacturers staplers or nailers.
- ♦ Extended magazine are recommended to help minimize downtime for re-loading.

CAPABILITIES

- Width of jamb:** 4" to 7 1/4"
- Thickness of jamb:** up to 3/4"
- Stop width and thickness:** Adjustable to match most sizes and profiles
- Backset:** Adjustable to match up to 2 1/4" doors

SPECIFICATIONS

- Machine Size:** 8'L x 3'W x 4'H
- Electrical Requirements:** 120v single phase (optional 220v)
- Air Requirements:** 5 CFM @ 100 PSI
- Shipping Weight:** Approximately 600 lbs.

Hanger- Exterior Door Assembly System



Lite Insertion



Door Flipper



Holsters, Air Connects & Tool Trays



Tilt Up



Loader

HANGER

The Exterior Door Assembly Table (Patent #5,725,205) will handle all types of doors: inswing, outswing, right or left-hand and doors with or without brickmold. The first step in the assembly process is to place the glazed half of the lite insert on the pneumatically operated lift table. The door is then rolled over the top of the lite. By pushing a button, the lite is lifted into the opening of the door and the grille portion of the lite is screwed in place.

The machine then flips the door depending on the hand and swing. While one operator attaches the hinge leaf, the other operator attaches the hinge keeper, strike jamb and door sweep. The operators then work together to attach the door sill. Since the unit is assembled with the hinge pin down, installation of the brickmold is quick and easy. The completed door unit is then automatically tilted in a vertical position for handling onto a door cart or pallet.

LOADER

The Loader automatically adjusts to any width, thickness and height of door and will handle a stack of up to 7' tall. It automatically picks up the top door from the stack and places it on the infeed table and then moves the door into the Hanger at the proper time.

Pneumatic operation results in easy installation and lower maintenance costs.

THE MOST EFFICIENT SYSTEM FOR PRE-HANGING EXTERIOR DOORS

The Full House **Exterior Door Assembly System** is designed to systematically and efficiently assemble any brand of steel, wood or fiberglass exterior door units. The complete "System" includes the Loader and Hanger. A Double Door Assembly Table can be added for cost effective production of complex door units. Each machine is a free standing machine, but the greatest "Productivity" is achieved when they are used as a "System."

PRODUCTIVITY.

Two operators assemble doors complete with lites, frame, brickmould, sweep and threshold in less than 3 minutes. Flush or paneled units can be assembled in less than 2 minutes.

PROFITABILITY.

All units are produced systematically for consistency, quality and efficiency, which reduces labor costs.

MAINTENANCE.

The entire "System" is totally air operated for ease of installation and lower maintenance costs.

SAFETY.

Using the "Hanger System" eliminates repetitive lifting which reduces operator fatigue and back related injuries.

CAPABILITIES

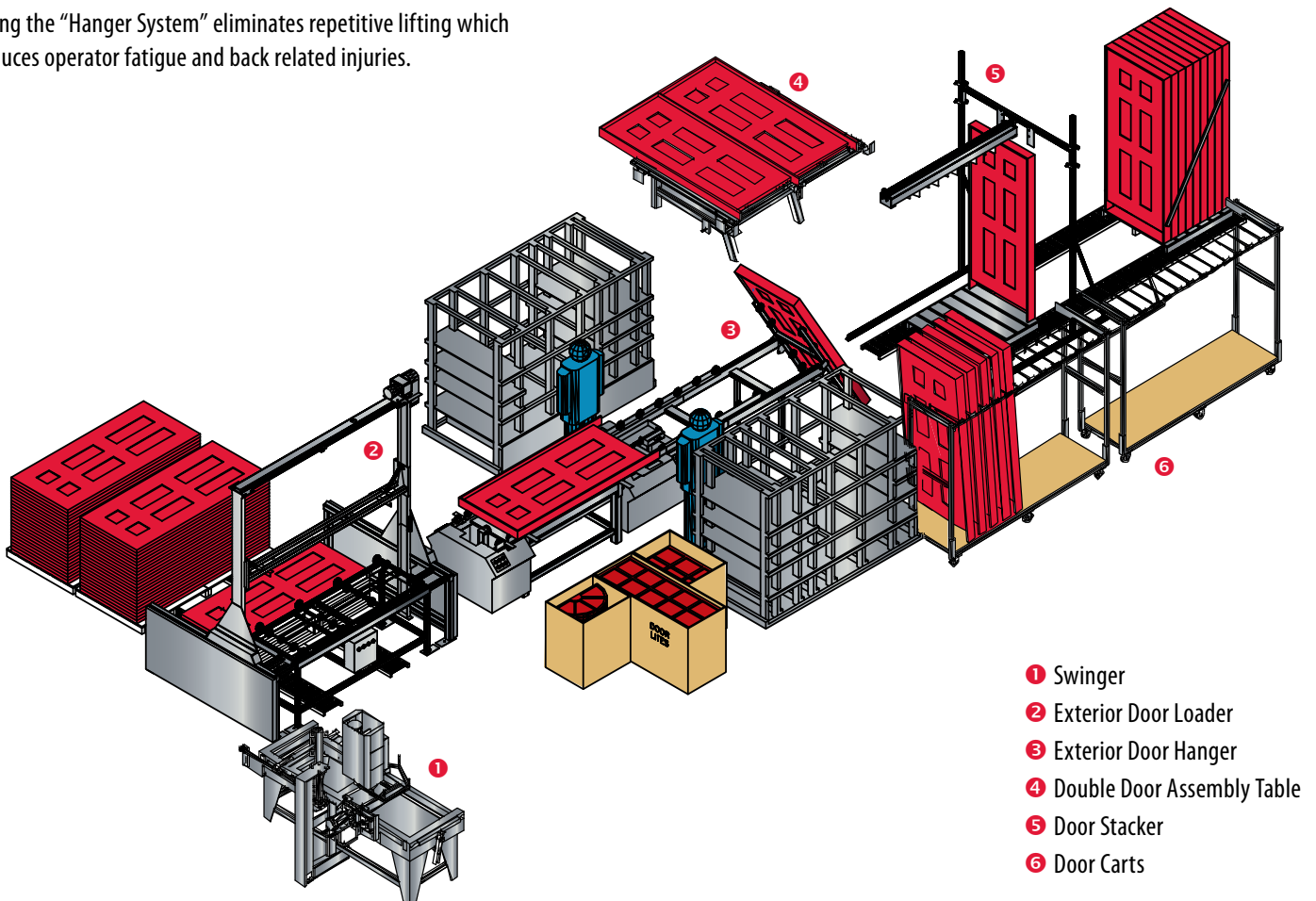
	HANGER	LOADER
Width:	2'6" to 3'0" <i>(custom machine available for wide lites and smaller doors)</i>	Singles up to 4'
Height:	Up to 8'	Up to 8'
Thickness:	Up to 2 1/4'	Up to 2 1/4'
Jamb Width:	Unlimited	

SPECIFICATIONS

	HANGER	LOADER
Machine Size:	15'5"L x 3'2"W x 3'5"H	9'10"L x 6'8"W x 10'5"H
Air Requirements:	Min. 30 cu. ft./min. @100 PSI	Min. 30 cu. ft./min. @100 PSI
Shipping Weight:	-Approx. 1500 lbs.	Approx. 2000 lbs.

SHOP LAYOUT

Full House offers assistance in shop layout and material flow. With years of experience in over 1,000 door shops, we can help you layout your shop for maximum efficiency.



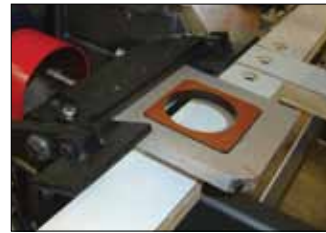
- 1 Swingler
- 2 Exterior Door Loader
- 3 Exterior Door Hanger
- 4 Double Door Assembly Table
- 5 Door Stacker
- 6 Door Carts

Swinger



DOOR LITE ROUTER

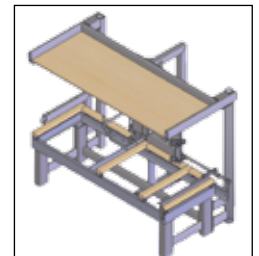
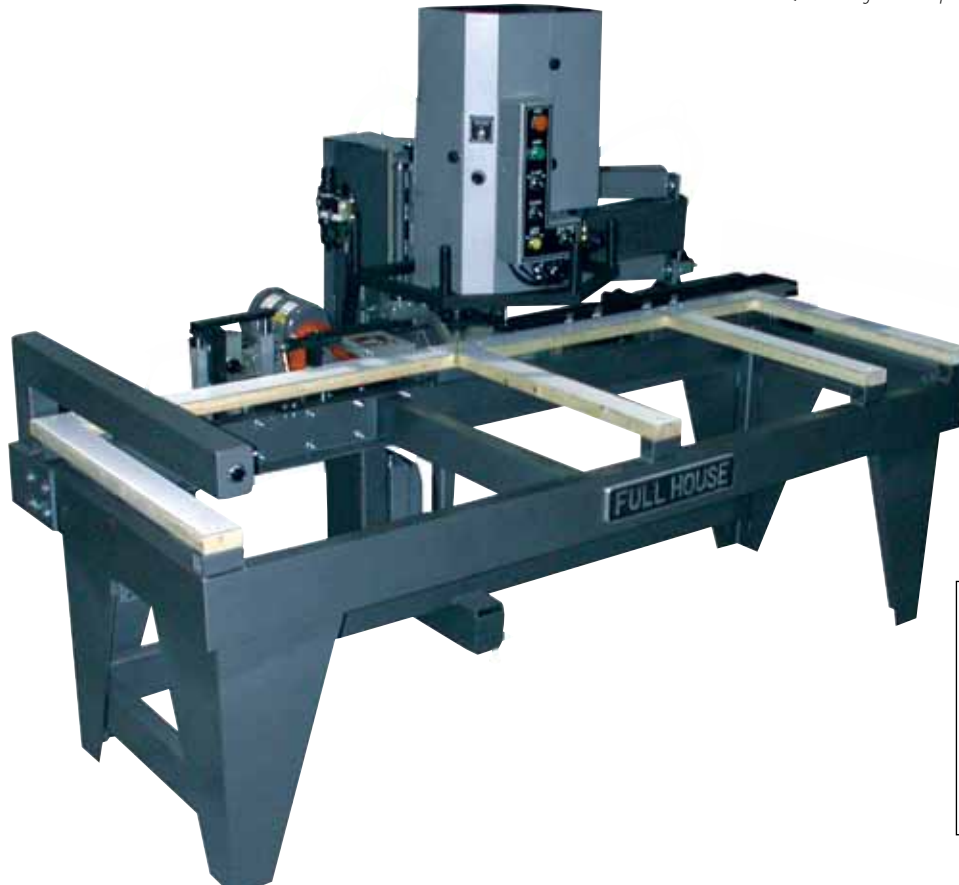
The Full House **Swinger** is used to quickly and accurately process metal, wood and fiberglass exterior doors for custom lites. The machine will also prep for the lock by boring the face, latch and mortising the rectangular faceplate.



Quick change lock template



Optional oscillating bit



Overhead Template Option

MODELS AVAILABLE

SWINGER Window lite cutting only

SWINGER I Window lite cutting, lock boring, latch boring

SWINGER II Window lite cutting, lock boring, latch boring, faceplate routing

OVERHEAD TEMPLATE SYSTEM: This option eliminates the need to place a template on the face of the door during door lite cutting.

MACHINE FEATURES

- ♦ Heavy-duty swing arm assembly allows processing of doors up to 8' tall and 4' wide.
- ♦ Full lites can be machined in large doors without having to reposition the door.
- ♦ Templates are clamped securely to the door at both ends to prevent damage.
- ♦ Preset door stops are included for each lock and deadbolt location.
- ♦ Special tooling is provided for machining steel, fiberglass and wood doors.
- ♦ Quick change template is used to for changing bore size or changing backset.
- ♦ Bottom of the machine is left open so cutouts can easily be removed.
- ♦ Optional oscillating bit assembly can be added to extend bit life when cutting steel doors.
- ♦ Dust collection system can be added for fiberglass doors.

CAPABILITIES

Door Sizes:	Up to 8'0" x 4'0" x 2 1/4"
Lock Bore Size:	Up to 2 1/8"
Lock Backset:	2 3/8" & 2 3/4"
Faceplate Size:	Up to 1 1/8" x 2 1/2"

SPECIFICATIONS

Machine Size:	10'L x 7'W x 5'H
Electrical Requirements:	230v 3phase & 230v single phase (optional 480v)
Air Requirements:	8 CFM @ 100 PSI
Shipping Weight:	1750 lbs.

CNC Door Lite Router



The **CNC Door Lite Router** will process residential wood, residential steel, fiberglass, commercial wood & commercial steel doors. This machine will prep the door for all size and type lites, locks, deadbolts, and peep sites.



MACHINE FEATURES

- ◆ Process residential wood, steel & fiberglass doors for lites, locks & peep sites.
- ◆ Process commercial wood & hollow metal steel doors for lites, locks & custom hardware.
- ◆ Reduce inventory by processing doors quickly to order.
- ◆ Complete operation is automatic eliminating possible operator error and fatigue. Also eliminates operator itching and breathing of fiberglass dust while cutting doors.
- ◆ Computer numerically controlled router head will accurately machine any size and shape door lite in doors up to 8'0" in height.
- ◆ Handles all doors & sidelites from 1'0" to 4'0" in width.
- ◆ Door thicknesses can range from 1 3/8" to 2 1/4".
- ◆ Machine comes programmed for the most common hardware and door lites. Additional programs can be pre-programmed by Full House.
- ◆ Machines doors with raised molding on both sides.
- ◆ Lock and Deadbolt boring is accomplished in the machine without having to reposition the door.
- ◆ Half bore: Automatically prep doors for a half bore.
- ◆ 10 HP High Frequency Router: Automatically switch spindle speed for fiberglass, wood and steel doors.
- ◆ Peep sites larger than 1/2" diameter can be machined.
- ◆ Tool Changer: Includes automatic tool changer for hands free changing of bits.
- ◆ Machine can be pre-programmed by Full House to process all leading door & lite manufacturers specifications.
- ◆ Dust collection hookups and door blow offs come standard with the machine.

AVAILABLE OPTIONS

- A. EDGE:** Special CNC lock module is added for machining all commercial locks and multipoint locks.
- B. Auto Infeed, Outfeed, and Door Width Control**
- C. Side lite Holder:**

CAPABILITIES

Types of Doors:	Interior & Exterior: Steel, Fiberglass, Wood & MDF
Height:	Up to 8'0"
Width:	1'0" to 4'0"
Thickness:	Up to 1 3/4" (Optional up to 2 1/4")
Lock Size:	All sizes over 1/2"
Backset:	Any
Faceplate:	1" x 2 1/4" (Up to 1 1/8" x 2 3/4") *Larger with Edge Option*
Peep Site:	Any size over 1/2" Diameter, Any Location on Door
Lites:	Maximum sizes are limited to within 3" from the stiles. Side lite holder can be purchased for machining closer
Door Cutdown:	Unlimited
Capacity:	60 doors per hour

SPECIFICATIONS

Machine Size:	11'L x 7'6"W x 7'H
Electrical Requirements:	208-230v 3phase, 60 amps; 208-230v single phase, 15 amps; 460-480v 3phase, 30 amps; or 460-480v single phase, 15 amps
Air Requirements:	5 CFM @ 90-100 PSI
Shipping Weight:	5,500 lbs.

Diamond DP



The **Diamond DP** Deep Pocket Mortise Machine is used to quickly and accurately prep the edge of doors for commercial or multi-point locksets. The Diamond DP is available as a manual machine as shown, or as a CNC Edge Machine with Hi Frequency router and drives. The CNC version is completely automated and all programs are installed by Full House.



Precision Cutting



Router Carriage



MACHINE FEATURES

- ◆ Machines long deep pocket locks and routes for the necessary faceplate.
- ◆ The Diamond DP will easily machine for any custom lock without the need for a high priced CNC machine.
- ◆ Gives door shops ability to machine specialty locks which will reduce lead times on custom orders.
- ◆ Reduced labor and increases quality compared to using hand jigs.
- ◆ Machines doors for 3 & 5 point lock systems from W&F, Winkhaus, Hoppe and more.
- ◆ Commercial locks can be machined in 1 minute and multipoint locks in 3 mins.
- ◆ Will machine for any length lock and up to 4 3/4" deep.
- ◆ Quick change stops are included for different lock heights.
- ◆ Locks can be placed anywhere along the edge of the door.
- ◆ Machines complete Euro Groove on the edge of the door.
- ◆ Heavy duty rails and full length clamp ensures the pocket is always centered in the door.
- ◆ Dust Collection hookups and air blowoffs are included on each router carriage.
- ◆ Doors are rolled in from either end on a set of rollers.

CAPABILITIES

Door Height:	Up to 10'0"
Door Width:	Up to 4'0"
Door Thickness:	Up to 2 1/4"
Lock Size:	Any Length, Up to 4 3/4" deep

SPECIFICATIONS

Machine Size:	12'L x 4'6"W x 5'H
Electrical Requirements:	120 V, 20 amps
Air Requirements:	1.5 CFM @ 100 PSI
Shipping Weight:	Approx. 1,500 lbs.

Door & Jamb Router

The **Door & Jamb Router** is used to machine for any type and size hinge on all doors & jambs. The top bar and hinge router carriage is the same heavy duty system that is used on the Diamond 3001M.



MACHINE FEATURES

- ◆ Precision machining of wood, steel and fiberglass doors up to 3'0" x 9'0" x 2 1/4".
- ◆ Will process jambs up to 10 1/2" wide and 1 1/2" thick.
- ◆ Hinge locations and door sizes can be changed in seconds.
- ◆ Ideal for shops producing residential, commercial, architectural and fire-rated doors.
- ◆ Automatically adjusts from interior to exterior doors.
- ◆ The Hinge Router carriage travels smoothly on a Linear Rail System that provides accurate hinge placement.
- ◆ Rotating hinge bar has 8 preset hinge patterns and the entire pattern can be changed in seconds.
- ◆ Additional bars can be purchased for more preset hinge patterns.
- ◆ Quick change door and jamb stops eliminate measuring when changing settings.
- ◆ Door and jambs can be machined together or individually.
- ◆ Quick changed templates are used to switch between any hinge size and radius. Templates are custom made to match your hinges and required backsets.
- ◆ The adjustment for jamb thickness is controlled by a switch on the front of the Hinge Router Carriage.
- ◆ Dust collection hook-ups are provided for the hinge router.

AVAILABLE OPTIONS

- | | |
|--|--|
| A. Digital Readout | C. Air Pre-drill Kit |
| B. Quick Change Router Kit:
Changing from 5/8" to 1/4" | D. Inline Screwfeeder |
| | E. Double Bevel Router Carriage |

CAPABILITIES

Types of Doors:	Interior and Exterior Doors
Height:	Up to 9' (Larger door can be machine without stops)
Width:	1'6" to 3'0" (Optional 4'0")
Thickness:	Up to 2 1/4" (plus raised moulding both sides)
Types of Jambs:	Split, Flat, Rabbetted, Mull Post
Height:	Up to 9'
Width:	Up to 10 1/2"
Thickness:	Up to 1 1/2"
Hinge Sizes:	3 1/2", 4", 4 1/2", 5"
Hinge Radius:	5/8", 1/4"
Capacity Rate:	30 doors per hour

SPECIFICATIONS

Machine Size:	10'L x 2'W x 7'H
Electrical Requirements:	120 V, Single Phase
Air Requirements:	1.5 CFM @ 100 PSI
Shipping Weight:	Approx. 500 lbs.

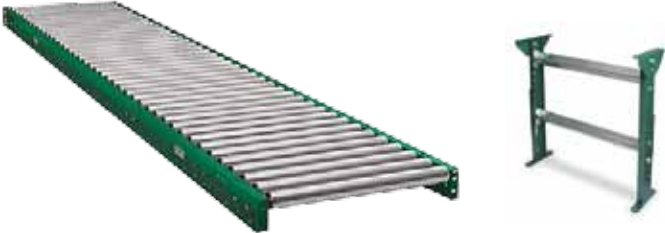
Conveyors

FLOOR CONVEYER

This heavy duty floor conveyer works with all Full House door loaders. 1.9" Galvanized rollers. Butt couplings allow sections to be bolted together. Roller Capacity 210 lbs.
 ♦ Frame Width 16 in. — Between Rail Width 13 in.

ROLLER TABLE

This heavy duty roller table works with all Full House door lines. 1.9" Galvanized rollers. Butt couplings allow sections to be bolted together. Needs stand sold separately.
 Roller Capacity 210 lbs. ♦ Frame Width 42 in. — Between Rail Width 39 in.



Length (ft.)	Roller Spacing (in.)	Frame Capacity (lbs.)	Model	Shpg. Wt.
Floor Conveyor - Fame width 16 in.				
5	3	620	FH00100	83.0
5	6	620	FH00101	60.0
10	3	135	FH00102	159.0
10	6	135	FH00103	113.0
Conveyor - Frame width 42 in.				
5	3	620	FH00104	173.0
5	6	620	FH00105	112.0
10	3	235	FH00106	328.0
10	6	135	FH00107	207.0

STATIONARY FLOOR SUPPORTS

Welded Frame Assembly. Adjustable Feet. Adjustable Pivot Plate.

Height Adj. to Top of Roller	Model	Shpg. Wt.
27 ³ / ₈ - 39 ³ / ₈	FH00150	22.5
37 ³ / ₈ - 49 ³ / ₈	FH00151	24.0

Door Stacker

The Diamond **Door Stacker** palletizes your doors for shipping or in-shop movement and ends unnecessary balancing, bending and repetitious lifting. The machine is engineered to reduce potential injury and fatigue while increasing productivity.

A completed interior or exterior door unit, with or without trim, is placed onto a pallet for vertical staging. A ratchet system holds the door in place until a full pallet is completed. With a flip of a switch the units are compressed to allow for bracing or banding.

The Diamond **Door Stacker** can be used as a free standing machine or it can be integrated with an interior or exterior door line or Stretch wrapping machine.

- Options:**
- ♦ Auto change height- 6'8", 7'0", 8'0"
 - ♦ Pneumatic Pallet Stop and Conveyor



Exterior Door Unit

Interior Door Unit

CAPABILITIES

- Width:** Stacker- Singles up to 4'
Double Stacker- Doubles up to 6'
- Height:** Up to 8'
- Doors:** All Types Interior or Exterior

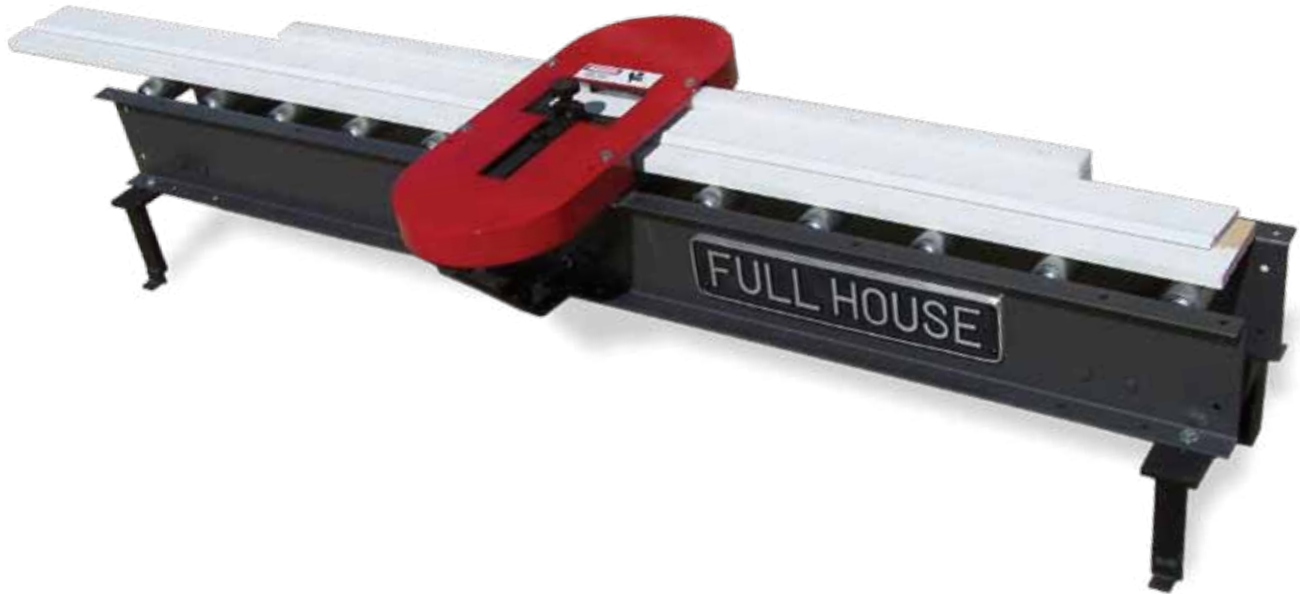
SPECIFICATIONS

- Machine Size:** 4'L x 4'W x 7'6"H
- Air Requirements:** 1 CFM @ 80 lbs
- Shipping Weight:** Approx. 500 lbs

Weatherstrip Installation Machine



The **Weatherstrip Installation Machine** automatically inserts all types of weatherstripping into kerfed jambs.



MACHINE FEATURES

- ◆ Heavy duty design allows processing of up to 200 exterior jambs per hour.
- ◆ Will handle all kinds of weatherstripping including foam, magnetic and compression.
- ◆ Motor is reversible for running in either direction.
- ◆ A larger motor has been added for quicker production.
- ◆ A safety guard has been added around the stuffer wheel.
- ◆ Can mount on bench or table.

CAPABILITIES

Width of Jamb:	Up to 8'
Height of Jamb:	Unlimited
Type of Weatherstripping:	All Types
Machine Capacity Rate:	Over 200 Jambs per hour

SPECIFICATIONS

Machine Size:	6' L x 2' W x 2' H
Electrical Requirements:	115 V, standard wall outlet
Motor:	1/4 HP
Shipping Weight:	250 lbs.

Double Door Assembly Table

The **Double Door Assembly Table** gives one operator an accurate, square, pneumatically assisted station to construct various size units. The clamp table accommodates interior and exterior units with or without sidelights. The assembly table is engineered to allow for consistent frame assembly and hardware application at a standard working height. This helps to eliminate the operator's stress and strain. The tilting table feature reduces back related injuries.



Clamps hold jambs square during assembly.



Tilt up helps to eliminate damage and back injuries.



Capable of handling an entry door w/ sidelights



Custom Sizes Available

MACHINE FEATURES

- ♦ Jambs or mull posts are pneumatically clamped and held in position for nailing or screwing.
- ♦ Clamp channels are adjustable for various width units.
- ♦ Double door supports are used to keep the unit level during pre-hanging.
- ♦ Adjustable sidelite and transom pullouts are used for larger units.
- ♦ Sidelite units can be built using a continuous head and sill or boxed sidelites.
- ♦ Activating the foot pedal, the finished door unit is pneumatically tilted to a vertical position within 6 inches from the floor for easy movement to a door cart.
- ♦ 2 large cylinders and 2 additional booster cylinders are used to lift even the heaviest units.
- ♦ Custom tables can be built to match your requirements. Several variations have been manufactured over the years.
- ♦ Helps eliminate stress, strain and back related injuries from lifting these heavy door units.

CAPABILITIES

- Width:** Singles up to 4', Doubles up to 6', Complex units up to 9'
- Height:** Up to 9'
- Interior Doors:** Double Doors (flush bolt or ball catch)
- Exterior Doors:** Double Doors, Triple Doors, Sidelites, Transoms

SPECIFICATIONS

- Machine Size:** 7'4" L x 7'4" W x 3'6" H
- Air Requirements:** 1.5 CFM @ 100 PSI
- Shipping Weight:** Approx. 1000 lbs.

Dado Machinery

The **Dado Machinery** is built to machine the complete dado in one pass. The top and/or bottom of the jamb is quickly and precisely machined every time using our high quality single or dual head dado machine.



Close up of Head



Single Head Option

MACHINE FEATURES

- ♦ Heavy duty 3-1/4 HP Porter Cable Router.
- ♦ Will machine exterior jambs and mull posts up to 7-1/4" wide.
- ♦ Both the top and bottom (sill end) of the jamb are quickly processed.
- ♦ Quickly and precisely machines the entire dado in one pass.
- ♦ Using a router increases the quality compared to using a dado blade.
- ♦ Easily adjust the speed to match the type of material being processed.
- ♦ Quick change stops allow the operator to quickly switch between settings.

AVAILABLE OPTIONS

- A. Single or Dual cutter heads

CAPABILITIES

Types of Jambs:	Split, Flat, Rabbetted, Mull Post
Height:	Up to 9'
Width:	Up to 10 1/2"
Thickness:	Up to 1 1/2"
Hinge Sizes:	3 1/2", 4", 4 1/2", 5"
Hinge Radius:	5/8", 1/4"
Capacity Rate:	60 doors per hour

SPECIFICATIONS

Machine Size:	8'L x 3'W x 4'H
Electrical Requirements:	120v, Single Phase (optional 220v)
Air Requirements:	1.5 CFM @ 100 PSI
Shipping Weight:	Single head: 800 lbs. Dual head: 1,200 lbs.

Hinge Jamb Router

The **Hinge Jamb Router** is used to machine for any type and size hinge. The top bar and hinge router carriage is the same heavy duty system that is used on the Diamond 3001M.



Digital Readout



Hinge Carriage



MACHINE FEATURES

- ♦ Will process jambs up to 10 1/2" wide and 1 1/2" thick.
- ♦ Hinge locations can be changed in seconds. Color coded stops are used for right & left hand jambs.
- ♦ Ideal for shops producing jambs for residential, commercial, architectural and fire-rated doors.
- ♦ Automatically adjusts from interior to exterior.
- ♦ The Hinge Router carriage travels smoothly on a Linear Rail System that provides accurate hinge placement.
- ♦ Rotating hinge bar has 8 preset hinge patterns and the entire pattern can be changed in seconds.
- ♦ Additional bars can be purchased for more preset hinge patterns.
- ♦ Quick change jamb stops eliminate measuring when changing between flat, split and rabbeted jambs.
- ♦ Will handle mull posts. We recommend sending us samples.
- ♦ Quick changed templates are used to switch between any hinge size and radius. Templates are custom made to match your hinges and required backsets.
- ♦ The adjustment for jamb thickness is controlled by a switch on the front of the Hinge Router Carriage.
- ♦ Dust collection hook-ups are provided for the hinge router.
- ♦ An overhead tool bar with tool balancer and air screw gun can be added for applying the hinges in the machine.

AVAILABLE OPTIONS

- A. Digital Readout:** This fractional display is located on the Hinge Router Carriage and is ideal for custom locations.

- B. Dust Vacuum System:** An integrated 3HP dust collection system can be added.
- C. Quick Change Router Kit:** Changing from 5/8" to 1/4" radius is accomplished in seconds using a second router kit.
- D. Air Pre-drill Kit:** Pre-drill unit and a Vix bit is used to drill screw holes in the jamb to eliminate possible splitting.
- E. Inline Screwfeeder:** Automatically feeds hinge screws saving the operator a tremendous amount of time. The screwfeeder is custom built to match your particular screw size and shape and is available with a quick change bowl for switching screw color.

CAPABILITIES

Types of Jambs:	Split, Flat, Rabbeted, Mull Post
Height:	Up to 9'
Width:	Up to 10 1/2"
Thickness:	Up to 1 1/2"
Hinge Sizes:	3 1/2", 4", 4 1/2", 5"
Hinge Radius:	5/8", 1/4"
Capacity Rate:	60 doors per hour

SPECIFICATIONS

Machine Size:	10'L x 2'W x 4'H
Electrical Requirements:	120v, Single Phase
Air Requirements:	1.5 CFM @ 100 PSI
Shipping Weight:	500 lbs.

Automatic Hinge Jamb Router



Automatic Routers



Pre-drill Units

The **Automatic Hinge Jamb Router** automatically machines jambs for 3 or 4 hinges at the same time. The front bar is the same proven system used on the Marquise Door & Jamb Machine.



MACHINE FEATURES

- ◆ Precision machining of wood and fiberglass jambs up to 8'0" in length.
- ◆ Will process jambs up to 14 1/2" wide. No adjustment is needed for varying widths.
- ◆ Will process jambs up to 1 1/2" thick. No adjustment is needed for varying thicknesses.
- ◆ Automatically switch between right and left hand 6'8" or 8'0" jambs. Optional 7'0" available.
- ◆ Ideal for high volume exterior door shops or jamb manufacturers.
- ◆ Quick change jamb stops are included for different jamb types.
- ◆ Quick change backset stops are included for different hinge backsets.
- ◆ Machines for 5'8" radius hinges. Optional 1/4" is available.
- ◆ Pneumatic square corner chisel can be used for square hinges.
- ◆ Dust collection hook-ups are provided for the hinge routers.

CAPABILITIES

Types of Jambs:	Any	Hinge Sizes:	3 1/2", 4", 4 1/2"
Height:	Up to 8'	Hinge Radius:	5/8"
Width:	Up to 14 1/2"	Capacity Rate:	120 jambs per hour
Thickness:	Up to 1 1/2"		

AVAILABLE OPTIONS

- A. Infinite Hinge Locations:** Manually adjust hinge locations anywhere along the jamb.
- B. CNC Hinge Locations:** Automatically adjust hinge locations anywhere along the jamb.
- C. Pre-Drill Unit:** Pre-Drill Unit: Pre-Drill Unit moves along a rail to each location and drills 4 hinge pilot holes simultaneously.
- D. Pre-Drill System:** Pilot holes are drilled for all 3 or 4 hinges automatically after hinge routing.
- E. Screwfeeder:** Automatically feeds hinge screws saving a tremendous amount of time.
- F. Hinge Applicator:** Applies all 4 hinge screws and hinge at the same time.
- G. Dust System:** Integrated 3HP Dust Collector with auto start.
- H. High Frequency Routers:** Heavy duty industrial routers.

SPECIFICATIONS

Machine Size:	11'L x 4'W x 7'H
Electrical Requirements:	120v, Single Phase
Air Requirements:	5 CFM @ 100 PSI
Shipping Weight:	2,500 lbs.

ROLLER TOP TILT TABLE

- ♦ Tilts up completed units for ease of handling to a door cart or rack.
- ♦ Adjustable to match the out feed height of any door line.
- ♦ Heavy Duty 42" rollers are standard. *(Custom widths are available)*
- ♦ Holsters and air connects can be added for air tools.
- ♦ Can be used as a packaging workstation.
- ♦ Custom Sizes Available.



**Shown with optional soft face rollers*

FLAT TOP TILT TABLE

- ♦ Solid 6' flat top working surface.
- ♦ Entire surface tilts for ease of loading and unloading.
- ♦ Can be used for single doors, double doors or window units.
- ♦ Holsters and air connects can be added for air tools.
- ♦ Custom sizes available.



CLAMPING ASSEMBLY TABLES

- ♦ Clamps keep door units square during assembly
- ♦ Holsters and air connects can be added for air tools.
- ♦ Will handle up to 8' tall door units.
- ♦ Available in 3', 6', 9', 12' and 16' widths.



CLAMPING/TILTING ASSEMBLY TABLES

- ♦ Tilt up heavy interior or exterior door units.
- ♦ Clamps keep door units square during assembly.
- ♦ Holsters and air connects can be added for air tools.
- ♦ Will handle up to 8' tall door units.
- ♦ Available in 3', 6', 9', 12' and 16' widths.
- ♦ Optional sidelite and transom extensions available.



Full House Prefinish Equipment



STAIN/PAINT DOOR CART

- ♦ Heavy Duty Construction
- ♦ Two swivel castors with brake and two fixed castors
- ♦ Adjustable for doors 6'6" to 8'0" in height
- ♦ Easily spins for painting or staining all four sides of the door
- ♦ Lock for holding door in either the vertical or horizontal position
- ♦ Heavy Duty Door Holders are used to for easy handling

Hanging Door Dividers Sold Separately



DRYING CART/RACK

- ♦ Heavy Duty Welded Construction
- ♦ Two swivel castors with brake and two fixed castors
- ♦ Adjustable for doors 6'6" to 8'0" in height
- ♦ Securely holds up to 12 doors at a time
- ♦ Handles are added for easily moving entire job lot

Hanging Door Dividers Sold Separately

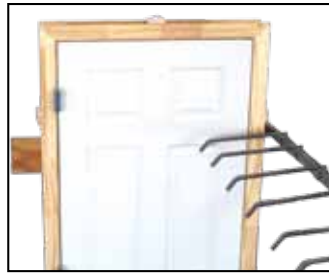


8' DOOR CART

The Door Cart is designed to handle interior and exterior pre-hung and slabs. This heavy duty cart is designed and built to last in today's fast paced environment. Coated door dividers keep the doors separate and reduce damage. The dividers also eliminate the need to move every door when removing the door in the middle. Using the Diamond Door Cart in your shop will reduce unnecessary handling of door units from your door line to the truck.

- ◆ Heavy-duty Steel Frame, all Welded Construction
- ◆ Plywood Decking and 13 Adjustable Door Dividers
- ◆ Rubber Corner Bumpers and Foot Brake
- ◆ 6 wheel- 2 center solid & 4 corner swivel
- ◆ Max Capacity- 3,300 lbs.
- ◆ Dimensions- 96"L x 38"W x 70"H

Description	Model	Shpg. Wt.
8' Diamond Door Cart	FH8DDC	257.0



8' L-SHAPED DOOR CART

Our Heavy Duty L-Shaped Door Cart is designed with a door shop in mind. Sturdy brace allows you lean interior and exterior pre-hung and slabs to be moved quickly and safely around a warehouse.

- ◆ Heavy-duty Steel Frame, all Welded Construction
- ◆ Plywood Decking
- ◆ Rubber Corner Bumpers
- ◆ 6 wheel- 2 center solid & 4 corner swivel
- ◆ Max Capacity- 3,300 lbs.
- ◆ Dimensions- 96"L x 38"W x 70"H

Description	Model	Shpg. Wt.
L-Shaped Door Cart	FHDFC	225.0



8' TREE CART

Our sturdy Tree carts enable you to move jambs, casing and other moldings around a warehouse. Great for picking orders or handling inside the production area.

- ◆ 6 wheel- 2 center solid & 4 corner swivel
- ◆ Max Capacity- 3,300 lbs.

Description	Model	Shpg. Wt.
Tree Cart	FHDTC	220.0



Woodworking Machinery & Dust Collection

Find a full listing of products for sale online at www.Full-House.com or call Full House at 1-800-325-8352 for product inquiries.

Full House is a distributor for:



All Woodworking Machinery Comes with a full Manufacturers Warranty

RADIAL ARM SAWS



TABLE SAWS



ROUTER BITS



DOOR RACKS



AIR COMPRESSORS



DUST COLLECTORS AND ACCESSORIES



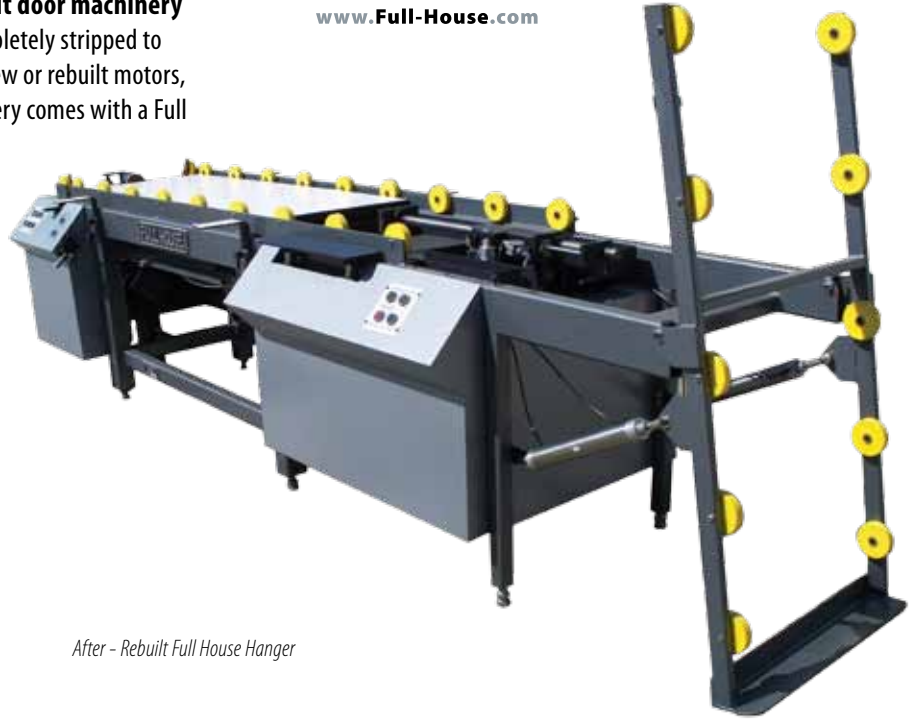
Rebuilt and Used Machinery

Full House has a wide range of brand name rebuilt door machinery in stock & ready to go. Used door machines are completely stripped to the bare frame and rebuilt piece by piece. We use all new or rebuilt motors, routers, air lines and cylinders. All rebuilt door machinery comes with a Full House Warranty. Set up and training is also available.

CHECKOUT
CURRENT INVENTORY
www.Full-House.com



Before - Used Full House Hanger



After - Rebuilt Full House Hanger

Custom Machinery

Full House has a creative manufacturing team to design and build your machine. Call us with your ideas!

- ◆ Machines for Any Industry
- ◆ CNC Machines



Custom Lite Insertion Table for Flush Glazed Doors

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TO FIND OUT MORE!



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SET-UP & TRAINING

Full House can set-up your machinery and train your employees on the operation and proper daily maintenance.

SERVICE PROGRAMS

We offer on-site, telephone and internet service to keep your machines running at peak performance.

LEASE PROGRAMS

Have a big project coming up? Full House has a leasing program to help you when you need it most

TRADE-INS

Want to upgrade? Full-house will buy back some used machinery.

REBUILT MACHINERY

Full House has a wide range of brand name equipment in stock, ready to be rebuilt. All rebuilt equipment is completely stripped to the bare frame and rebuilt using new routers, motors, air lines and cylinders. All machines have a six month warranty.

SHOP LAYOUT

Full House offers assistance in shop layout and material flow. With years of experience in over 1,000 door shops, we can help you layout your shop for maximum efficiency.

CUSTOM PROJECTS

Full-House designs and manufactures custom machinery & material handling items, such as racks, carts and tables. Call today with the custom size you need.

Can't find what you are looking for?

Call us! We can source and supply many other products from the companies we represent.



Replacement Parts and Supplies



Full House has a complete inventory of replacement parts and supplies to keep your production running smoothly. With years of experience in this industry we have learned the importance of having the proper parts. We have a toll free line for easy ordering and overnight shipping is available in most circumstances.

Call Today!

1-800-325-8352 • Ask for the Service Department



FULL HOUSE ♦ MACHINERY

Full House Company
320 North Drive
Melbourne, FL 32934
www.full-house.com

Toll Free: 1-800-325-8352
Email: supply@full-house.com
Fax: 1-321-752-8116

