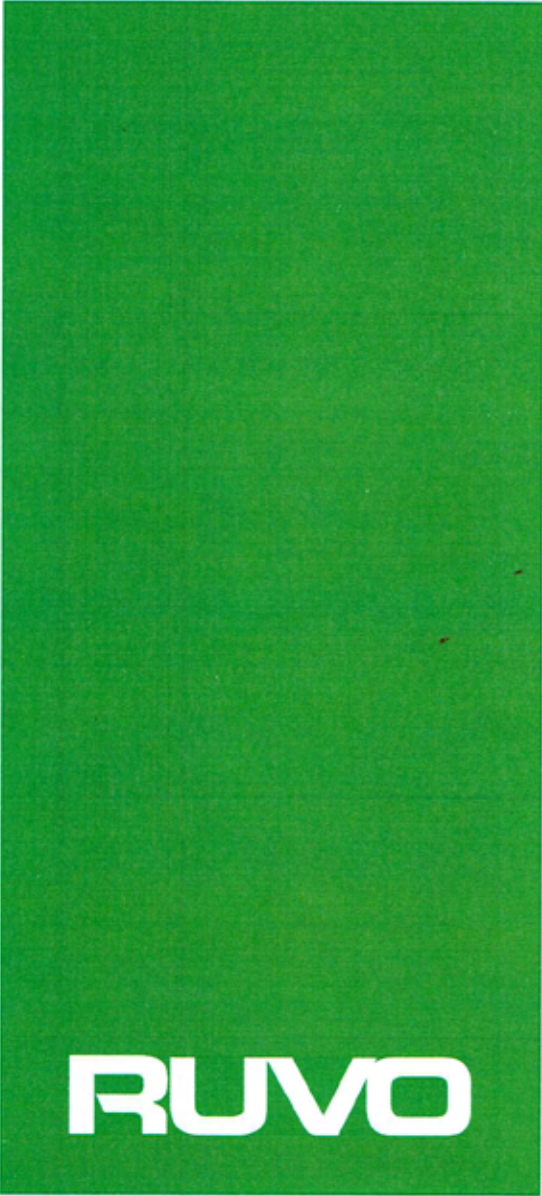




Horizontal Interior Door Machines



RUVO

RUVO

930 TOUCH



Now with a **simpler, more intuitive** TouchScreen interface

HERCULES

The RUVO 930 TOUCH Hercules is an interior / exterior pre-hung door machine that simultaneously machines the door, hinge jamb, and strike jamb (Total time per door: 35-50 seconds).

With its optional touch screen, the operator is able to make a quick change-over to machine doors.

Jambs can be either flat or split, ranging from 2 ½" to 10 ½" and up to 8' long. Using stack values and code error reports, the machine is user and maintenance friendly.

With linear bearings on the router bar and router, you get a consistent and smooth operation with programmable lock and dead bolt positioning that accommodates to raised molding.

RUVO

GENERAL INFORMATION

SPECIFICATIONS:

Electrical Standard:	230 Volts, 3 Phase, 60 AMP
Air Requirements:	12 CFM @ 120 PSI at machine with 3/4" feeder air line
Lock Bore Motor:	2 HP, 1725 RPM
Strike Drill Motor:	1 HP, 3450 RPM
Latch Drill Motor:	1 HP, 1725 RPM
Router Motors (5):	1-1/2 HP, 23,000 RPM
Machine Size:	14" L x 7" W x 7" H
Machine Weight:	5,000 lb.

(Specifications subject to change without notice.)

CAPABILITIES:

Door Sizes:	6'8" and 8'0" high & 1'4" to 4' wide
Door Thickness:	1-3/8" or 1-3/4"
Jamb Thickness:	Up to 1-1/2"
Jamb Width:	2-1/2" to 10-1/2"
Lock Bore:	2-1/8" diameter
Strike Bore:	7/8" to 1" diameter
Back sets:	2-3/8" or 2-3/4"
Faceplates:	Rectangular, 1" to 1-1/8" x 2-1/4" to 2-3/4"
Hinge Edge Mortising:	0°-3°

930

TOUCH

RUVO

RUVO

930

TOUCH

OPTIONAL EQUIPMENT:

- Screw Gun
- 1555 Hinge Applicators
- Vacuum System
- Spare Parts Kit
- 2002 Door Loader
- 1278 Assembly Table
- Door Carts
- Bit Kit
- Conveyor Systems
- Door Clips
- Lockstraps



RUVO 1555 HINGE APPLICATOR SYSTEM

- Designed to be used with the RUVO 930
- Fully installs hinges in seconds
- Has removable hoppers to allow fast screw changes
- Easily clears bad screws
- Screws on 3 (or 4) hinges in under 10 seconds

RUVO

RUVO

2002



DOOR LOADER

The **RUVO 2002 Door Loader** is designed to work in conjunction with the **RUVO 930 Hercules**.

Using its mar-proof clamping system, which automatically adjusts to almost any door size or type, the machine picks up doors and places them on skids to be moved into position for processing.

Upon receiving a signal from the **RUVO 930** processor, the loader automatically inserts a door onto the input table while simultaneously ejecting the previously processed door from the 930. The gantry then prepares to lift another door.

RUVO

 **LWF Agency**

2002

GENERAL INFORMATION

Heavy-duty dual chain drive mechanisms provide a smooth, precise, and trouble-free gantry operation.

All machine functions are controlled with a highly intelligent process controller. This enables automatic interlink with the RUVO

930 TOUCH, in automatic or manual mode, increasing machine versatility and providing approximately a 45 second cycle time.

The 2002 loader employs a mar-proof clamping system which automatically adjusts to almost any door size or type.

SPECIFICATIONS:

Electrical Standard:	120 volts, 1PH, 15 Amps
Air Requirements:	7.0 CFM @ 120 PSI
Machine Size:	10'W x 10'D x 11'H
Machine Weight:	1300 lb.

(Specifications subject to change without notice.)

CAPABILITIES:

Stack Capacity:	6'8" - 8'
Door Size:	1-½' x 4' to 4' x 8'
Door Thickness:	1-3/8" to 1-3/4"
Door Stack Height:	56 interior doors, 44 exterior doors
Max Door Weight:	200 lb.

(Specifications subject to change without notice.)

WORKS WITH RUVO 930 TOUCH



- Door size: 6'8" to 8'0"
- 0-3 Degree Bevel
- Special diagnostic screens included
- Pre-drill built in
- Color Touch controls with manual overrides
- Programmable lock bore & dead bolt
- Accommodates raised moulding
- Cycle times, fault codes, and bit life information included

RUVO

RUVO

1278



RUVO AUTO-SIZER
Adds even more efficiency,
when placed ahead of the **RUVO 1278**

DOOR AND JAMB ASSEMBLY MACHINE

The **RUVO 1278** Door and Jamb Assembly Machine provides a fast and accurate method of assembling the side jambs, header, and door into a pre-hung door unit.

With its four pre-set staple patterns and a flow through

design, it accommodates plain or split jambs. The **RUVO 1278** is designed to work in conjunction with the **RUVO 930 Hercules** or as a stand-alone machine.

RUVO

1278

GENERAL INFORMATION

The operator rolls the door onto the Auto-Sizing Conveyor. The Auto-Size Conveyor sends the size to the **RUVO 1278**, which then auto adjusts to the correct door width. The feed-through pop-up rollers allow the operator to roll the door onto the 1278 assembly table and lower it into the machine. Once the strike and head jamb are put into place, the machine automatically squares, clamps, and nails at the operators command.

This machine employs four fastener tools, one at each corner, with variable index firing features. The frame header can be inserted at either end of the machine.

With automatically adjusting proximity sensors for left-or-right hand doors, the need to manually turn doors for right and left hand assembly is eliminated.

Tool mounts will be made for your fastener tools of choice -

SPECIFICATIONS:

Electrical Standard:	120 volts, single phase, 10 Amps
Air Requirements:	2.0 CFM @ 90 PSI
Motor:	1/4 HP
Machine Size:	10' 2" L x 7' W x 5' H
Machine Weight:	2,100 lbs.

(Specifications subject to change without notice.)

CAPABILITIES:

Door Height:	6'8" to 8'0"
Door Width:	1'4" to 4'4"
Jamb Sizes:	2-1/2" to 10"
Door thickness:	1-3/8" to 1-3/4"
Controls:	Programmable Logic Controller

(Specifications subject to change without notice.)

RUVO

1608

GENERAL INFORMATION

The **RUVO 1608** is fitted with a positive air clamping system, straightening any reasonable bow or warp in both the jamb and stop.

A jamb and stop are placed from either side of the machine and then clamped by a foot-operated switch.

Equipped with nine remote staple guns, the operator can choose between firing three or four guns for headers or all

nine guns for side members simultaneously.

Every **RUVO 1608** is custom-built to utilize any brand of staple gun the customer selects. Guns are to be obtained and supplied to RUVO by the purchaser. Narrow 1/8" crown staples are recommended for minimum marring of stops. The cost of the guns is not included in the quoted price.

SPECIFICATIONS:

Electrical Standard:	None
Air Requirements:	Approx. 1.0 CFM at 90 PSI
Machine Size:	10' L x 2' W x 5' H
Machine Weight:	650 lb.

(Specifications subject to change without notice.)

CAPABILITIES:

Jamb length:	6'8" - 8'0"
Jamb width:	2-1/2" - 10-1/2"
Staples suggested:	1/8" narrow crown x 1" - 1-1/4" long w/ divergent point

(Specifications subject to change without notice.)

RUVO

855

TOUCH

RUVO



HOPPER-FED CASING SAW

The RUVO 855 TOUCH Hopper-Fed Casing Saw was designed for single operator use and now features a simple and intuitive touchscreen interface.

The key to this high production machine is its smooth, easily loaded in-feed hopper. By avoiding the stacking of trim on top of one another, the hopper eliminates

jamming, ruined trim, and lost production time.

This machine's open design allows scrap and sawdust to fall straight down, avoiding the jamming and cleaning problems common with upward cutting trim saws.

RUVO

 **LWF Agency**

855 TOUCH

RUVO

GENERAL INFORMATION

The operator loads up to three trim bundles on the horizontal feed arms, cuts the string, starts the machine, and can begin cutting.

No tools required, the **RUVO 855 TOUCH** uses a rack and pinion drive to effortlessly and accurately changes lengths using a touchscreen and servo-controlled system, from 15 to 96 inches.

The hopper has pneumatic shifting saws between your choice of 45°/90°.

Utilizing downward cutting, splintering and breakouts are eliminated.

SPECIFICATIONS:

Electrical Standard:	230 volt, 3 phase - 30 AMPs 208 volt, 3 phase - 30 AMPs
Air Requirements:	From 30-40 pieces/minute - 16-22 CFM Feeder air line (minimum) - 3/4"
Horse Power:	
(2) Saw Motors:	3,450 RPM, 1 HP each
(2) Router Motors:	23,000 RPM, 1-1/2 HP each
Machine Size:	14' L x 8' W x 5'H
Machine Weight:	1875 lb.

(Specifications subject to change without notice.)

CAPABILITIES:

Length Cutting Capacity:	15" - 96"
Width Cutting Capacity:	Up to 3-1/2"
Thickness Cutting Capacity:	Up to 13/16"
(2) Saw Blades:	Plywood 159 teeth, 5/8" hole, 10" diameter
(2) Kerf Blades:	High speed 60 teeth, 5/16" hole, 10" diameter

(Specifications subject to change without notice.)

RUVO

1100



DOOR SIZER & BEVELER

The **RUVO 1100** Door Sizer and Beveler is perfect for both interior and exterior doors.

Built for speed, accuracy, and efficiency, with smooth cuts and trouble-free operation, it can make 90° or bevel cuts and it comes with an easily adjustable bevel angle.

Equipped with four carbide-tipped knives, the solid cutter-head performs high speed routing of the top and bottom corners.

RUVO

GENERAL INFORMATION

1100

The **RUVO 1100** accepts either exterior or interior doors and feeds them automatically.

No adjustments are required for doors of the same width. The cutter sizes and bevels (0-3 degrees) stacks of mixed doors simultaneously, without losing valuable time.

A variable speed in-feed carries the door past the carbide tipped cutter-head, powered by a heavy-duty 3 HP motor. As the door emerges from the cutting station, it passes a high-speed router that will ease the corners.

The cutter carriage glides on ball bearings, permitting the operator to easily adjust for any door width between 16" and 48", in 2" increments.

All electric switches are located in the control box for easy accessibility. Included are magnetic starters and a stop button allowing you to instantly halt operations if necessary.

Smooth, vibration-free operations are assured because the **RUVO 1100** is well-braced and has a firm, wide stance. Bolts at the base of the legs allow for leveling of the machine on uneven floors.

SPECIFICATIONS:

Electrical Standard:	230 V, 3PH, 60HZ 11.6 AMPs
Air Requirements:	12 CFM @ 120 PSI at machine with 3/4" feeder air line
Beveler Motor:	3 HP, 3450 RPM
Die Grinders:	1 HP, 1725 RPM
Machine Size:	10'L x 6'W x 5'H
Machine Weight:	1250 lb.

(Specifications subject to change without notice.)

CAPABILITIES:

Door sizes:	16" to 48" wide x any length
Variable speed in-feed:	11 ft. to 45 ft per minute
Outside Dimensions:	12" x 10" x 18"

(Specifications subject to change without notice.)

RUVO

RUVO

1300



DOUBLE-END TRIM SAW

The **RUVO 1300** Double-End Trim Saw accurately and efficiently trims the top and bottom of doors, allowing a single operator to do a day's work in only a few short hours.

It has a 0-15° bevel on the stationary head, an adjustable doorstop, and it can cut interior and exterior doors.

A rack and pinion adjustment allows the **RUVO 1300** to accept doors ranging from 6' to 8' in length. Once the desired length is set on the built-in scale, the adjustment is locked into place with a convenient T-clamp.

The **RUVO 1300** can be used separately or in conjunction with the RUVO 1100.

RUVO

1300

GENERAL INFORMATION

The RUVO 1300's automatic pneumatic clamps hold the door in position during the cutting for a straight edge.

Preventing accidental door advancement into the saws, the safety stop holds the carriage in the back position until the operator is ready to cut.

The RUVO 1300 is equipped with four 8", carbide-tipped saws powered by 2, 3, or 5 HP

motors. With the saws cutting from the top and bottom sides, a smooth, even edge on the door is guaranteed.

Designed to allow sawdust to fall through to the floor, hazardous build-up of debris around the machine's parts is avoided.

A scale attached to the frame permits rapid adjustment for door length.

SPECIFICATIONS:

Electrical Standard:	240/208 VAC, 3 PH, 60 Hz. 30 AMPS
Air Requirements:	.1 CFM
Motor:	2,3 or 5 HP
Machine Size:	9'0" L x 5'0" W x 4' 0"H

(Specifications subject to change without notice.)

CAPABILITIES:

Door Height:	6' to 8'
Door Width:	16" to 48"
Blades:	4-8" carbide tipped saw blades

(Specifications subject to change without notice.)

RUVO

RUVO

1580



SPIN & TILT TABLE

The **RUVO 1580 Spin & Tilt Table** allows a single operator to apply casing or brick mold to the pre-hung door units.

Accommodating interior or exterior doors up to 8', it freely spins the door unit 360° so applications can be applied to both sides. The feed-through door support is located on

both ends of the machine, allowing for loading from either direction. With the push of a lever, the machine tilts to either side for easy door unloading.

The **RUVO 1580** requires no air or electrical setup.

RUVO

 **LWF Agency**

SPECIFICATIONS:

Electrical Standard:	N/A
Air Requirements:	N/A
Machine Size:	41.5" H x 106" L x 54" W
Machine Weight:	800 lb.

(Specifications subject to change without notice.)

1580

RUVO

RUVO

9645



EXPANDABLE TILT TABLE

The **RUVO 9645** Expandable Tilt Table is popular with door shops, whether they currently use any other automated machinery, or not.

Extra wide doors and double hung doors (with or without transom and side lites) can be assembled and unloaded with ease.

The sliding scissors top adjusts to accommodate a wide range of sizes (Min: 4'4", Max: 8') and a foot pedal switch tilts the tabletop, with the door, into an upright position for easy unloading.

Machine must be anchored to the floor.

RUVO

SPECIFICATIONS:

Electrical Standard:	N/A
Air Requirements:	100 PSI, 1.0 CFM
Machine Size:	10' x 8' x 4'
Machine Weight:	1500 lb.

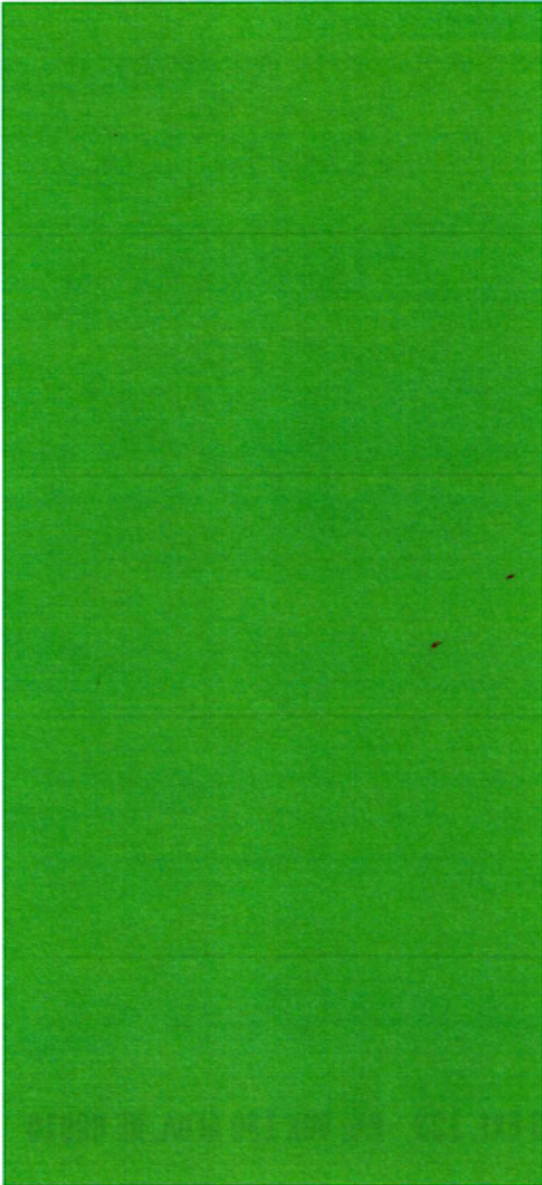
(Specifications subject to change without notice.)

9645

RUVO



Vertical Interior Door Machines



RUVO

505 TOUCH



**A proven workhorse, with
new, even easier-to-use, controls**

PRE-HUNG DOOR MACHINE

The RUVO 505 TOUCH combines the innovative, proven concepts of the extensive RUVO pre-hung door machine line into this one versatile workhorse, now with a simple, intuitive touchscreen interface.

Featuring a heavy-duty power driven 3-degree beveler/sizer, the unit utilizes routers to ease the door edges.

With accurate target scales, the four hinge and jamb route locations change quickly and precisely. A similar system is utilized for the backset on hinges and locks.

Having a provision for accommodating both single and double beveled doors, this machine works with: residential, commercial, architectural, and labeled fire doors.

RUVO

505 TOUCH

RUVO

GENERAL INFORMATION

All processes are interlocked and sequenced by a PLC. The automatic door sizing quickly adjusts the lifter bar by digital entry and servo control.

Non-contact sensors are incorporated to ensure longevity, repeatability and reliability.

Utilizing simplified push button controls with a touch screen HMI makes the machine operator friendly. On-board diagnostics and process information is constantly displayed.

A hinge screw gun and pre-drill system are included.

SPECIFICATIONS:

Electrical Standard*:	230 VAC, 3 PH, 30 AMPs
Air Requirements:	40 CFM @ 90 PSI, 1/2" feeder air-line
Machine Size:	18' x 3' x 7'
Machine Weight:	3200 lb.

*Other electrical voltage available upon request

(Specifications subject to change without notice.)

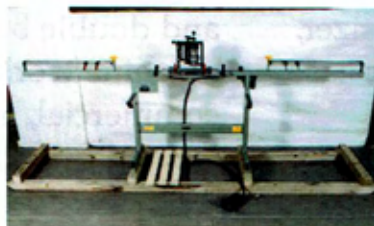
CAPABILITIES:

Max Door Height:	6' to 9' or ADA Specs: 6' to 8'
Door Width:	1'6" to 4' wide
Door Thickness:	1-3/8" to 2-1/4"
Jamb Size/Styles:	Up to 1 1/4" x 10", all styles
Hinge Size:	3-1/2" to 5" -OR- 3" to 4-1/2"
Number of Hinges:	Up to 4
Hinge Radius:	1/4" or 5/8"
Hinge Backset:	Scaled as required
Lock Bore Sizes:	2-1/8" standard
Lock Bore Backset:	Scaled to 5"
Lock Bore Latchplate:	Up to 1-1/4" x 8

3 degree edge bevel

(Specifications subject to change without notice.)

ACCESSORY MACHINERY

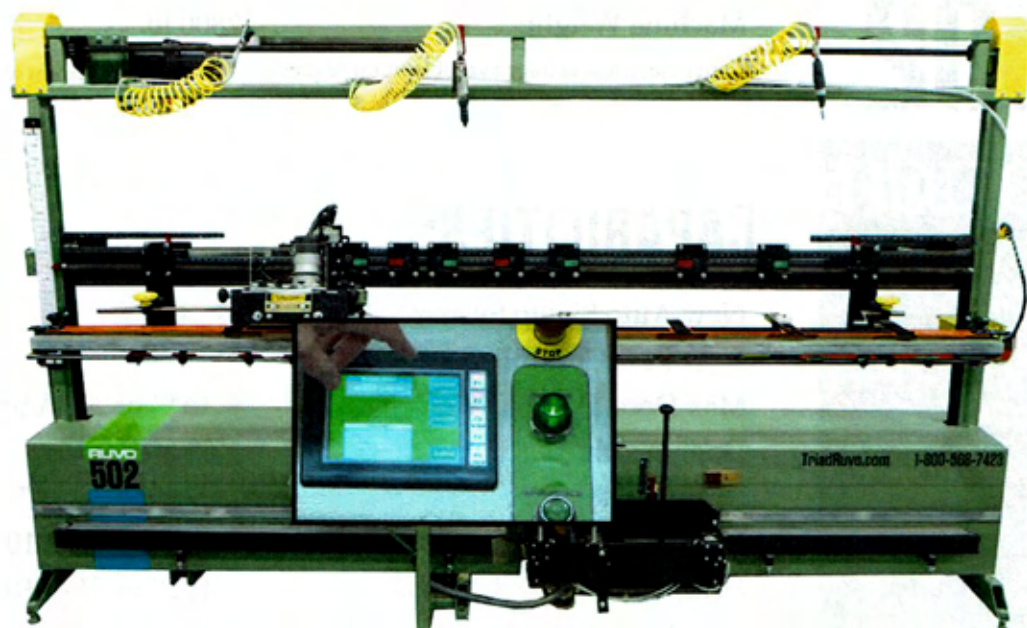


The RUVO 512 Strike Jamb machine complements the jamb preparation of the RUVO 505.

RUVO

502

TOUCH



PRE-HUNG SPECIALTY DOOR MACHINE

The **RUVO 502 Touch** combines the innovative, proven concepts of the extensive RUVO pre-hung door machine line into this one versatile workhorse.

With accurate target scales, the four hinge and jamb route locations change quickly and precisely. A similar system is utilized for the backset on hinges and locks.

Having a provision for accommodating both single and double beveled doors, this

machine works with: residential, commercial, architectural, and labeled fire doors.

All processes are interlocked and sequenced by a PLC. By detecting the edge of a door placed on the machine, automatic door sizing quickly adjusts the lifter bar. Non-contact sensors are incorporated to ensure longevity, repeatability and reliability.

A hinge screw gun and pre-drill system are included.

RUVO

502

TOUCH

RUVO

SPECIFICATIONS:

Electrical Standard*:	230 VAC, 3 PH, 30 AMPs
Air Requirements:	40 CFM @ 90 PSI, 1/2" feeder air-line
Machine Size:	13' x 3' x 7'
Machine Weight:	2800 lb.

*Other electrical voltage available upon request

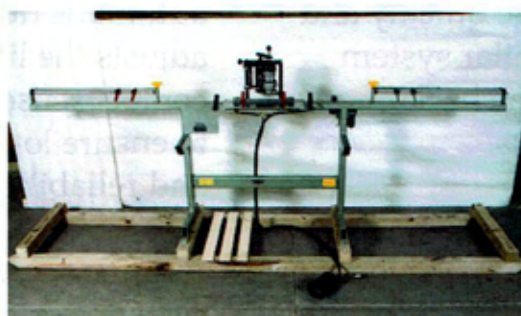
(Specifications subject to change without notice.)

CAPABILITIES:

New Auto Sizing System	
New PLC Controlled	
Max Door Height:	6' to 9' or ADA Specs: 6' to 8'
Door Width:	1'6" to 4' wide
Door Thickness:	1-3/8" to 2-1/4"
Jamb Size/Styles:	Up to 1 1/4" x 10", all styles
Hinge Size:	3-1/2" to 5" -OR- 3" to 4-1/2"
Number of Hinges:	Up to 4
Hinge Radius:	1/4" or 5/8"
Hinge Backset:	Scaled as required
Lock Bore Sizes:	2-1/8" standard
Lock Bore Backset:	Scaled to 5"
Lock Bore Latchplate:	Up to 1-1/4" x 8"

(Specifications subject to change without notice.)

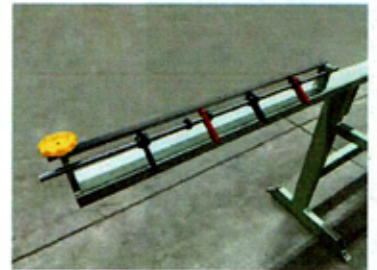
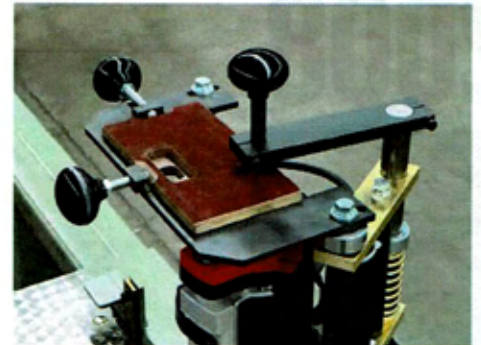
ACCESSORY MACHINERY



The RUVO 512 Strike Jamb machine complements the jamb preparation of the RUVO 502.

512

RUVO



STRIKE JAMB MACHINE

The RUVO 512 Strike Jamb Machine is for jamb sizes up to 1-1/4" x 9" x 10" and strike plate mortise up to 6".

It complements the jamb preparation of the RUVO 502 or 505.

This machine comes fully assembled and can be operated by one worker.

Electrical Standard:	120 Volt, 1 Ph-20 AMPs
Air Requirements:	.5 CFM - 100 PSI, 1/2" feeder line
Horse Power:	1-1/2 HP, 23,000 RPM
Machine Size:	12' L x 2' W x 4'H
Machine Weight:	450 lbs.

(Specifications subject to change without notice.)

RUVO

 LWF Agency

RUVO

2008



VERTICAL DOOR LOADER

The RUVO 2008 Vertical Door Loader prepares doors to be loaded into the RUVO 505 Pre-Hung Door Machine.

Equipped with its mar-proof clamping system, the clamps automatically adjust to almost any door type or size.

Doors are picked up and placed on skids, then moved into position where the table tilts down to orient the door vertically at a height compatible with the RUVO 505 Pre-Hung Door Machine.

RUVO

2008

GENERAL INFORMATION

All machine functions are controlled with a highly intelligent process controller that enables automatic or manual mode, increased machine versatility, and an approximate 45-second cycle time.

The **RUVO 2008's** gantry operation is achieved with its heavy-duty synchronized chain drive mechanism.

SPECIFICATIONS:

Electrical Standard:	120 volts, 1PH, 15 Amps
Air Requirements:	7.0 CFM @ 120 PSI
Machine Size:	10'W x 10'D x 11'H
Machine Weight	1300 lb.

(Specifications subject to change without notice.)

CAPABILITIES:

Stack Capacity:	7' (including skid approx.)
Door Size:	1-½' x 4' to 4' x 8'
Door Thickness:	1-3/8" to 1-3/4"
Door Stack Height:	56 interior doors, 44 exterior doors
Max Door Weight:	200 lb.

(Specifications subject to change without notice.)

RUVO

RUVO

2009



VERTICAL DOOR UN-LOADER

The RUVO 2009 Door Un-Loader works with either the RUVO 502 or RUVO 505 Pre-Hung Door Machines.

From this position, the door can be easily rolled into the RUVO 1278 Assembly Table or a table of choice for assembly.

With the use of a foot pedal, the conveyor tilts the door to a horizontal position to be rolled off the RUVO 502 or 505.

RUVO

 **LWF Agency**

SPECIFICATIONS:

Electrical Standard:	N/A
Air Requirements:	100 PSI, 0.5 CFM
Machine Size:	10' x 4' x 5'
Machine Weight:	1000 lb.

(Specifications subject to change without notice.)

2009

RUVO