

# RENEGADE

## DESIGN CONCEPTS



**RENEGADE DESIGN CONCEPTS** introduces the **TITAN DOOR MACHINE**.

The **TITAN** is a multi-function, high volume horizontal automated door machine for the production of Pre-Hung Doors, Slab Doors and Hinge and Strike Jambs.

The **TITAN** is ideal for producing residential and commercial doors requiring 2, 3, or 4 hinges and will accommodate 1-6 to 4-0 doors in width, and 6-8 to 8-0 in height. Multiple machining selections are simplified with a bi-lingual touch-screen control panel which allows the operator to quickly change door and hinge specifications.

The **TITAN** can be utilized as a “stand-alone” machine or can be paired with the **RENEGADE DOOR LOADER** and/or the **RENEGADE PRE-HANGING ASSEMBLY STATION** to facilitate a higher volume production line. **RENEGADE** machinery is designed and built with rugged dependability and operator-friendly features allowing for easy maintenance and rapid diagnostic evaluation. The machine features are based on proven designs with a history of tough reliability.



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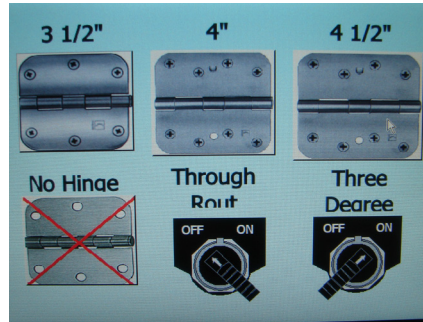
## DESIGN CONCEPTS

# TITAN

## Door Machine

### MACHINE FEATURES

- 1. AUTOMATIC HINGE ROUTING** - Routes for 3½" or 4" hinges in the door & hinge jamb simultaneously with touch of a button.
- 2. TOUCH SCREEN CONTROL** - Bilingual, operator-friendly control panel with "visual icon" indicators for easy operator interpretation, selection and diagnostics.
- 3. AUTOMATIC LOCK & LATCH ROUTING** - Fast, simultaneous routing of the strike jamb.
- 4. AUTOMATIC LOCK & LATCH BORING** - Simultaneously drills lock bore, latch bore and faceplate in door.
- 5. ADP-AUTOMATIC DOOR POSITIONER** - Automatically positions door for left or right hand machining with touch of a button.
- 6. QUICK HINGE PATTERN CHANGE** - Change hinge patterns from 6-8 to 8-0 with the touch of a button.
- 7. AUTOMATIC DOOR EJECTION** - Door and hinge jamb eject automatically.
- 8. DUST COLLECTION** - Ducting and hoses provided for blower hook-up.
- 9. BACKSET SELECTION** - Select from 2¾" to 2¾" with touch of a button.
- 10. FRL** - Soft start and emergency air dump system.
- 11. COMPATIBILITY** - Interfaces with the RENEGADE DOOR LOADER and RENEGADE PRE-HANGING STATION.
- 12. SPEED** - Interfaces with automatic 6-Shooter Hinge Applicator and Pre-Drill Unit.



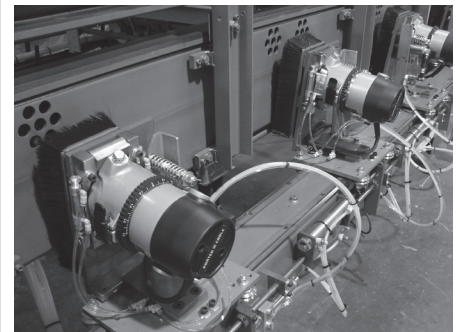
### AVAILABLE OPTIONS

1. High Frequency routers
2. Automatic change-over for flush, 3-degree or pass-through hinge routing.
3. Titan 6-Shooter Hinge Applicator with automatic screw-feed (3½" hinge)
4. Pre-Drill Unit (3½" hinge)
5. 1/4" Hinge radius
6. Vacuum Package
7. Spare Parts Package



### CAPABILITIES

	DOORS	JAMBS
<b>WIDTH:</b>	1-6 to 4-0	2½" to 10½"
<b>HEIGHT:</b>	6'6" to 8'0"	6'6" to 8'0"
<b>THICKNESS:</b>	1¾" to 1¾"	½" to 1½"
<b>DOOR TYPES:</b>	Interior/exterior, flush, stile & rail, raised moulding.	
<b>JAMB TYPES:</b>	Flat, split, single rabbited, and double rabbited.	
<b>LOCK BACKSET:</b>	11⅞" and 2¾"	
<b>FACEPLATE:</b>	Up to 1⅞" x 2¼"	
<b>HINGE SIZES:</b>	3", 3½", 4", 4½"	
<b>HINGE RADIUS:</b>	⅝" and ¼"	
<b>HINGE PATTERN:</b>	Adjustable with 4-Hinge Routers	
<b>CYCLE TIME:</b>	25 seconds per unit (including Strike Jamb)	



### SPECIFICATIONS

<b>AIR REQUIREMENTS:</b>	20cfm @ 90 psi
<b>ELECTRICAL REQUIREMENTS:</b>	230v 3 phase 25 amps and 110v 1 phase 40 amps
<b>VACUUM REQUIREMENTS:</b>	2600 cfm
<b>FACTORY FOOTPRINT:</b>	10' long x 7'6" wide
<b>SHIPPING WEIGHT:</b>	4,000 lbs.