

Model 250GT2

UNIQUE MACHINE & TOOL CO.

THE ORIGINAL RAISED PANEL DOOR MACHINE

FEATURE LIST

- 10 HP DIRECT DRIVE VARIABLE SPEED MOTOR
- X/Y SLIDING TABLE WITH CLAMP BAR FOR SAFETY AND ACCURACY
- PANEL, COPE, AND RAIL CUTTERS ALL STACKED ON 5-1/4" SPINDLE
- OPTIONAL 8" STACK WITH FIVE POSITION QUICK CHANGE TURRET INCLUDES HOG AND EDGE CUTTER
- OPTIONAL 65" CUT CAPACITY
- OPTIONAL HSK-63F 16HP
- PNEUMATIC SPINDLE AND MATERIAL STOP POSITIONING
- COMES WITH STANDARD SET OF TOOLS AND TEMPLATE
- COMPLETE SQUARE OR ARCHED DOORS IN LESS THAN TWO MINUTES
- NO PRE-BANDSAWING NECESSARY FOR ARCHES
- ABILITY TO PRODUCE CABINET OR PASSAGE DOORS
- MANUFACTURE MULLIONS FOR GLASS DOORS QUICK AND EASY



DESCRIPTION

UNIQUE MACHINE & TOOL CO. has been producing the 250 raised panel door machine for over 25 years for customers throughout the world!

The 250GT2 is the fifth generation for this series of machine. Revisions made to this machine from the popular 250GT include an optional 8" spindle that can have a door edge detail, raised panel, cope, rail, and arch hogging cutter on the spindle at the same time. A heavier one piece welded frame is machined for THK guides in the Y-axis for better cut quality when arching and provides an optional maximum part length of 65".

The 250 was designed with both small and large manufacturers in mind. It is versatile and economical for small custom shop use, yet efficient and durable for even the largest of factories.

Every model 250 is set up and tested at our factory, and delivered with a complete sample door, ready for production.

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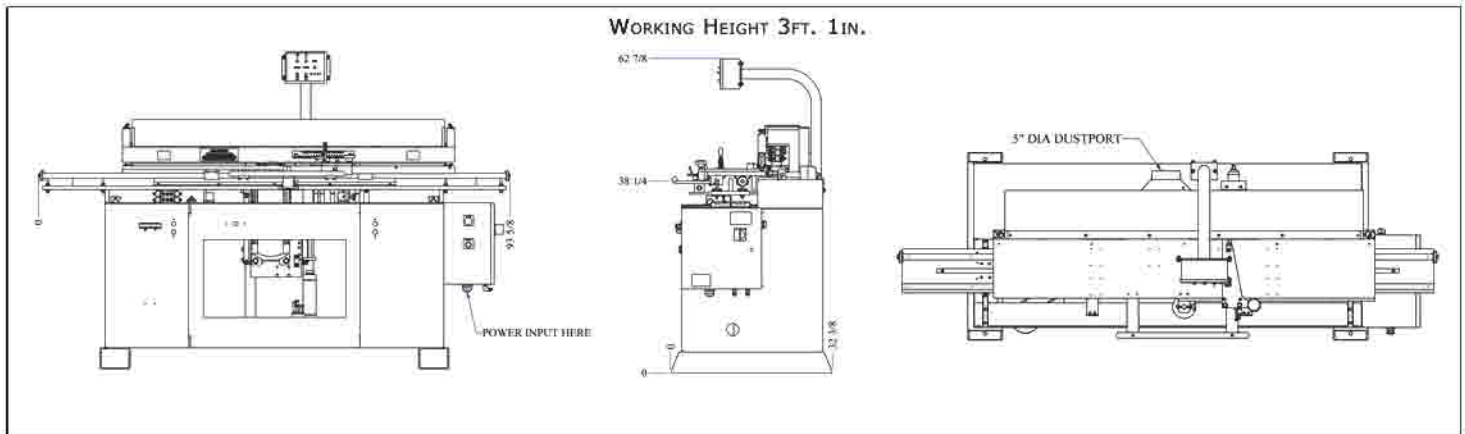
Due to continuous improvements, all specifications are subject to change without notice.

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RAISED PANEL DOOR MACHINE

250GT2 MACHINE DIMENSIONS



250GT2 MACHINE SPECIFICATIONS

TECHNICAL SPECIFICATIONS

SOME SPECIFICATIONS MAY VARY BASED ON STATION CONFIGURATION

- Motor: 10HP Direct Drive
- Stacked spindle: 1-1/4" Bore, stacking capacity of 5" w/ optional 8"
- Air required: 90 psi
- Machine weight: 1,350 lbs
- Maximum arch width: 24"
- Maximum cut length: 50"
- Maximum arch height: 2" or optional 3-7/8"
- Maximum material thickness: 2-1/4" capacity
- Minimum material width: 1-1/2" plus the depth of cut.
- Electrical Requirements: 208-240VAC, 3PH, 60HZ, 35.47A or 440-480VAC, 3PH, 60HZ, 17.73A

DESIGN FEATURES

- Highly visible guards & protective clamp bar keep the operator shielded while operating the machine.
- A turret stop system for cutter positioning. The 3 or 5 position turret system allows users of the machine to change tools on the spindle to a different profile while putting in a matching turret to greatly reduce changeover time
- The Model 250 offers an optional 5-position tooling stack.
- No pre-bandsawing of cathedral arches or matching rails is necessary with the Unique system.
- Pneumatic fence stop system for accurate, repetitive part positioning.
- Arch centering to position the panel & rail arches correctly every time.
- Standard or custom template stacks are available from Unique, or can be made independently.
- Climb cutting made possible to reduce tear out on top rail arches.

250GT2 OPTIONS

Extended Spindle 8" Stack

10HP 8" spindle, 5 position turret system, new stop system to use all cutters and arch height up to 3-7/8". (Option price includes 1 edge and 1 hog cutter).

Extended Clamp Cylinders

The extended clamp cylinders increase the maximum part thickness from 1-1/4" to 2-1/4" to allow for machining of entry doors.

65" Table

For those needing more than the 55" max. part length available on the standard model. This option includes a longer clamp bar and rails.

Product Stops



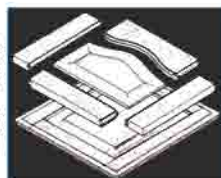
Arch Template



Access Panel



Machined Door Parts



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