



VEGA, TALR-20NC DOOR LITE ROUTER

Automatic door lite and lock cutout machine for metal, fiberglass and wood door slabs. The machine operates by two servo drives and is controlled via 7" touch screen. The door enters the machine via the automatic feed system.

Once the slab is clamped, the automatic recognition system tells the machine exact width of the door. This is done to keep the lite opening in the center of the door. The operator then selects the cutout by entering the three dimensions of the rectangular cutout and two more codes for the lock and deadbolt holes.

All other shapes are pre-programmed by Vega technicians. Once the "start" soft key is pressed machine goes to cycle which lasts approximately 90 seconds

If lock and deadbolt holes were selected the machine cuts the out first and then moves to cut the lite opening. At the same time another motor advances to bore 1" hole on the edge of the door for the handle and deadbolt.

After the cycle is complete, an optional blow off system cleans the door from the chips. The finished door can be transferred in any direction, either back to the tilting station or forward to the next workstation.

FEATURES

- Lite cutouts
 - Lock and deadbolt face bore template
 - Latch drill and 2 face plate routers with adjustable lock height
 - (PLC operation does not require positioning the door for standard lock heights and deadbolt locations)
 - (Drills lockset latch and machines for deadbolt face plate mortise at the same time)
- Rectangular cut-outs can be made without a template by setting stops on the slide shafts
- Curved and multiple cut can be done by inserting template
- Quick change, positive locking template holding system
- Push button axis lock



- Pushbutton control of plunge
- Door is manually positioned then pneumatically clamped
- Oscillating cutter
- "Floating" table for supporting top 4" of the door slab

SPECIFICATIONS

1. Door width maximum 36" minimum 10"
2. Door height maximum 96" minimum 76"
3. Cutout width maximum 23" minimum ~
4. Cutout height maximum 85" minimum ~
5. Door thickness maximum 1-3/4" minimum 1-3/8" (no edge machining)
6. Standard lock height
 - 8'0" Door is 60" from top +/- 1-1/2"
 - 7'0" Door is 48" from top +/- 1-1/2"
 - 6'8" Door is 44" from top +/- 1-1/2"
7. Deadbolt spacing maximum 6" minimum 3-1/2"
8. Lock Backset maximum 2-3/4" minimum 2-3/8"
9. Faceplate Mortis length maximum 2-1/2" minimum 2-1/4"
10. Faceplate Mortis width maximum 1-1/8" minimum 1"
11. Lock Bore diameter, three standard sizes 2-1/8", 1-5/8", 1-1/2"
12. Latch Bore diameter standard size 1"
13. Voltage 208 volts 3 phase @ 20 amps
14. Air Requirements 2.2 C.F.M. @ 100 P.S.I.
15. Floor space requirement 8'x 10'
16. Shipping weight 2,200 LBS.