

# SOMACA

M A C H I N E R Y

1 800 323-9200

SOMMER & MACA IND., INC.

5501 West Ogden Avenue  
Cicero, IL, 60804-3507 USA

ph: 773 242-2871

fax: 800 541-0599

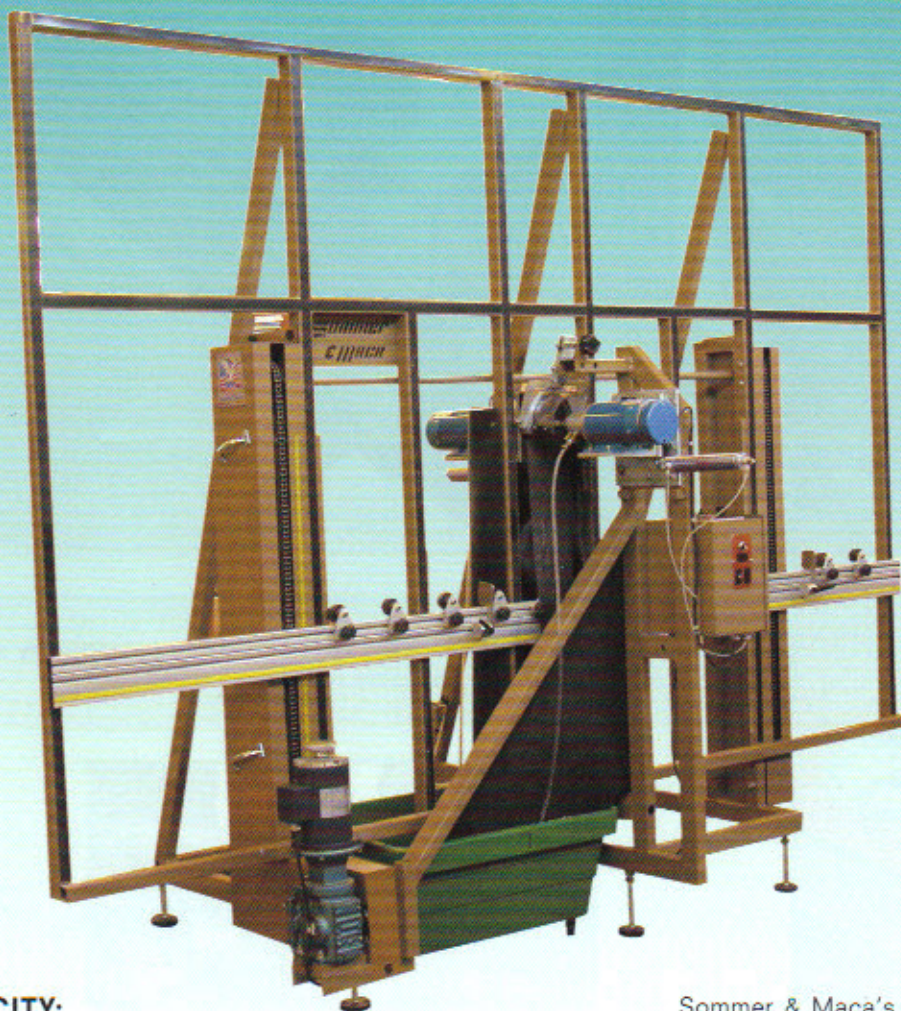
outside USA fax: 708 863-5462

website: www.somaca.com

e-mail: somacausa@aol.com

## TD-2.5 Vertical Two-Sided Glass Drill

*Processes Glass Vertically - Automatically Drills Holes Up to 5-1/2" in 1/8" to 1-1/4" Glass*



- Pneumatic cylinders automatically operate both drill motors.
- 115 Volt, 15 Amp electrics for easy set-up.
- Motorized lower glass support sets x-coordinate.
- Horizontally opposed drill motors move smoothly and independently.



Two drill bits are required for each size hole

### CAPACITY:

Glass Thickness .....1/8" to 1-1/4" (3mm - 31mm)  
Glass Weight.....300 lbs. (136.3kg) Maximum  
Glass Size.....up to 100" long x 60" tall (2540mm x 1524mm)  
Vertical Depth of Drill..... 32-1/2" (825mm) Maximum  
Drilling Diameter.....0.200" - 5-1/2" (5mm - 140mm)  
Drill Speed.....Variable, 300-3000 RPM

### UTILITIES:

Electrical .....4 motors total 1.5HP (1.2kw), 15 amp service @ 115 volt, 1 phase, 60 cycle power  
Water .....Minimum consumption, limited to drag out loss from coolant tank  
Air.....60 - 90 PSI @ 1 CFM  
Dimensions .....120" long x 48" wide x 96" high  
Shipping Weight .....1200 lbs. (545kg)

Sommer & Maca's Automatic Feed TD-2.5 Vertical Two-Sided Glass Drill is a compact, accurate and affordable system. Designed to save valuable floor space, the machine measures only 120" long x 48" wide. The TD-2.5 accommodates glass up to 1-1/4" thick and produces holes up to 5-1/2". Maximum glass sheet size is 60" long x 100" wide, and maximum drill depth is 32-1/2". The motors are horizontally mounted on adjustable pneumatic tracks and drilling is done with a simple joy stick lever control. All work is processed vertically, which is the normal transport and storage position for glass. This allows the system to use X-Y coordinates for precise location of the hole center, and also minimizes the chances of scratching or glass breaking during handling. Bottom edge rollers easily guide the vertical glass edge to the y-coordinate. A hand operated glass clamp secures the glass in position during fabrication. Drills are kept cool and lubricated with a recirculating coolant tank and pump system.

# Pneumatic Feed - 2 Sided Vertical Glass Drill

*Economical, Compact and Easy to Operate!*

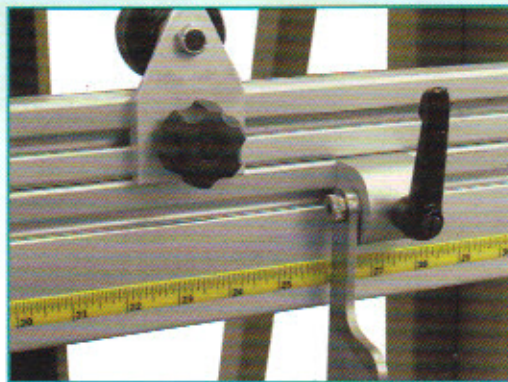


All controls are mounted on the front mounted control box. Air Pressure Regulator and Drill Motor Joystick control are on top.

Motor Speed, On-Off, Coolant Pump and Glass Rack Switch are front mounted.



The full width Glass Rack is operated electrically and holds the adjustable rollers and glass stops



A full vertical and horizontal scale is provided. Glass stops can be adjusted for accurate hole placement.