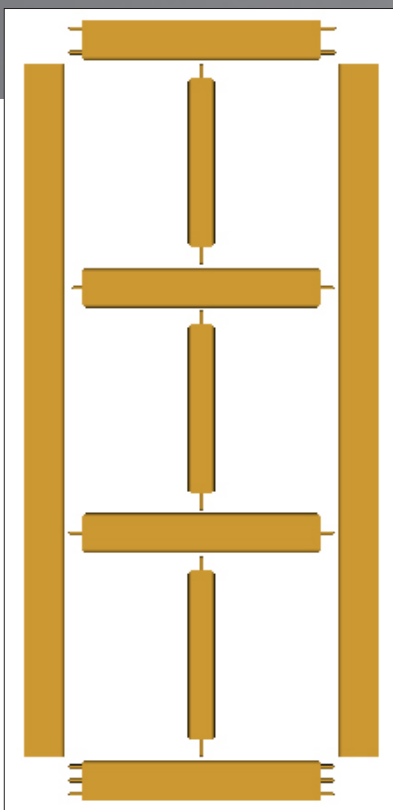




Zertifizierung nach
DIN EN ISO 9001
Deutscher Akkreditierungsrat

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WINDOOR-L

CNC Drilling and Dowel Insertion Centre for Architectural Doors (Rails and Stiles)

Integrating a machining centre into your assembly operations offers improvements that range from improved finished product quality to increased production capabilities, as well as higher flexibility.

- Increased productivity by automating production steps
- Increased consistency and repeatability by automating drilling and dowel insertion
- Consistent quality in joints by drilling at the same time and relying on a consistent glue injecting system
- Reduced inventory in progress and less lost/missing parts
- Increased flexibility by easily recalling programs

WINDOOR-L CNC Drilling, Gluing and Dowel Insertion for Rails and Stiles

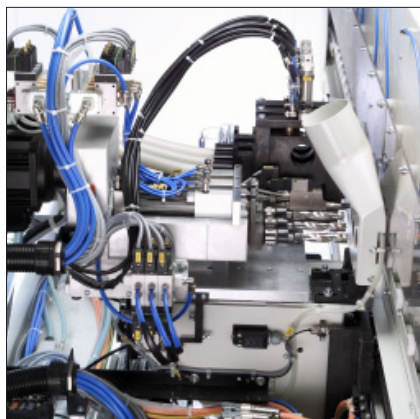
This machine will be placed in the assembly area for your architectural doors. The WINDOOR-L streamlines your assembly process allowing the machine through a barcode reader (optional) to set up. The pre bored holes will allow faster, easier and more precise assembly of your doors. The machine will efficiently perform with any batch size from parts for one door or larger batches with pendulum processing. The enclosed glue system with high pressure glue pump (optional) will control the injection of the low viscosity glue.



CNC control

PC control with 1 NC axis (X)

- WINDOWS XP Professional (English)
 - with on screen diagnostics, graphically supported by photo-images
 - with on screen illustration of machine functions, video supported trouble shooting
- menu driven screens for easy programming
- network connection possible
- barcode reader (optional)



Drill and dowel units

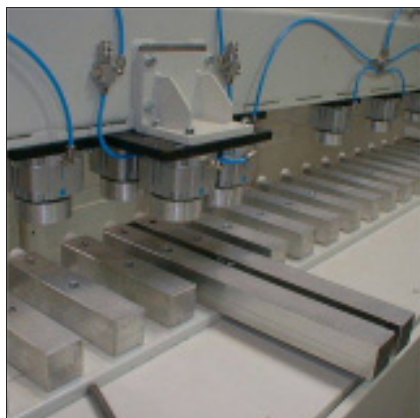
The automatic unit is equipped with a single spindle drill and 1 dowel driver for large dowels 10 or 12 or 16 mm (3/8" or 1/2" or 5/8") diameter and 80-130 mm (3"-5") long. NC programs for drill patterns.

Additional independently controlled drill spindles and dowel drivers for increased production or as utility drills (French Doors) are available as options.



Separate stile and rail station (optional)

The separate rail station will provide 2 additional zero points (total 4). Additional clamps are added to assure low tolerances while inserting large dowels.



NC controlled fences (optional)

NC controlled fences in rail station or at the end of the machine will increase the machine length capacity for stiles.

Part dimensions

Length 2500 mm (98")
(optional 3100 mm (10"))
Thickness up to 60 mm (2-1/4")
(thicker optional)

Options

NC Height (Z)
NC Depth (Y)
End profiler (WINDOOR-L/Profile)
Barcode reader