



DEVELOPMENT PRODUCTION SERVICE

for the entire window production



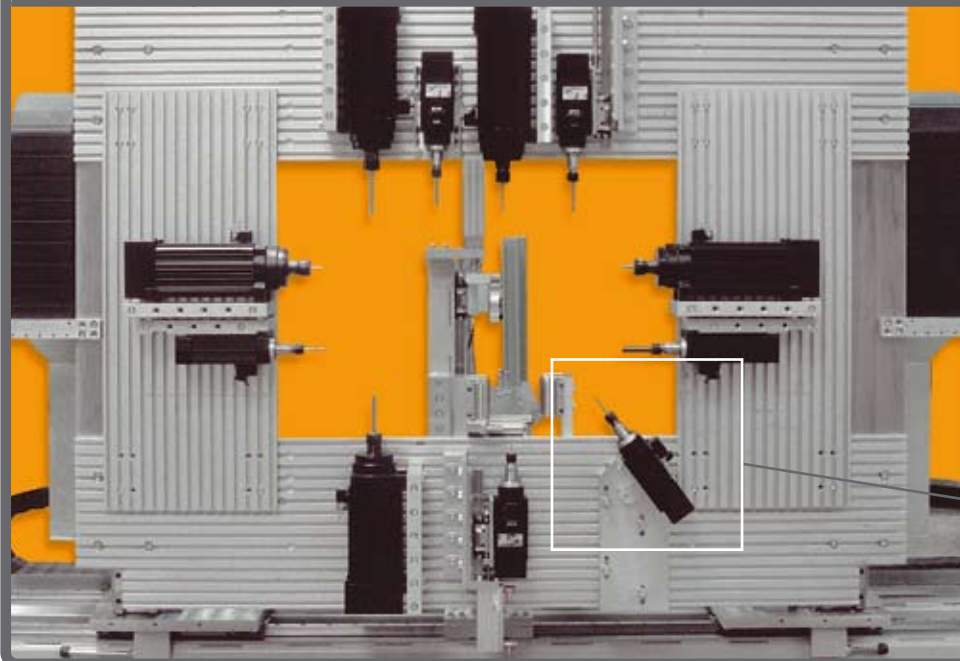
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SBZ-100-G/150-G

High Performance Profile Processing
center for 100 to 150 units per hour with
G-Module technology

G-Modul



The 3-axis-G-Module technology provides:

- CNC-controlled interpolating processing in 3 axes for custom programmable milling and drilling in PVC-profiles.
- modular setup for customized production sequence

The basic version is designed for 100 units per hour.
Window-color white
Reference measures 1000 x 1300 mm



Screwing station



Upstream single- or double screwing station
Performance till 150 E/8 per hour.



Versions

Basic Version

- Bolting station
- G-Module with
 - 4 milling machines
 - 1 steel/PVC drilling unit
 - Handle drill unit PVC/steel
- PVC-profile designed for
 - Length: 350-3500 mm
 - Width: max 115 mm
 - Height: max 140 mm

Options

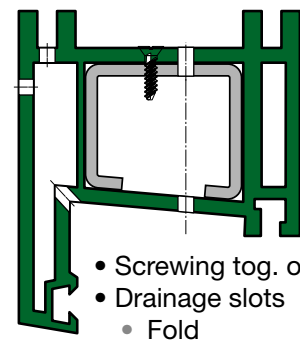
- Examples for Modules
- Processes for sashes
 - PZ- and Handlehole
 - Hinge drilling
 - Trellis drilling
 - Removing the seal by milling etc.
 - Processes Frames:
 - Hinge drilling
 - Transom Drilling
 - Ridge line milling
 - etc.

Further Options

- Bar feeder
- EDP Connection
- Bar code – Reading-station

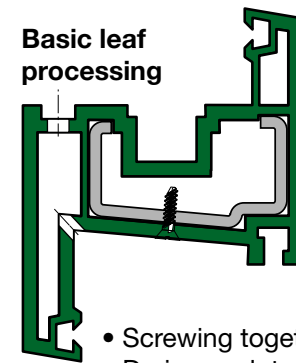
Types of Processing

Basic Frame-processing



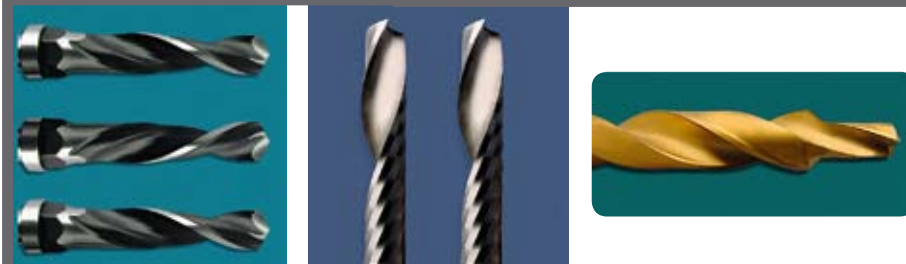
- Screwing tog. of steel
- Drainage slots
 - Fold
 - Forward
 - Downward
- Combined Dowel-/ Transom drill
- Ridge line part mark

Basic leaf processing

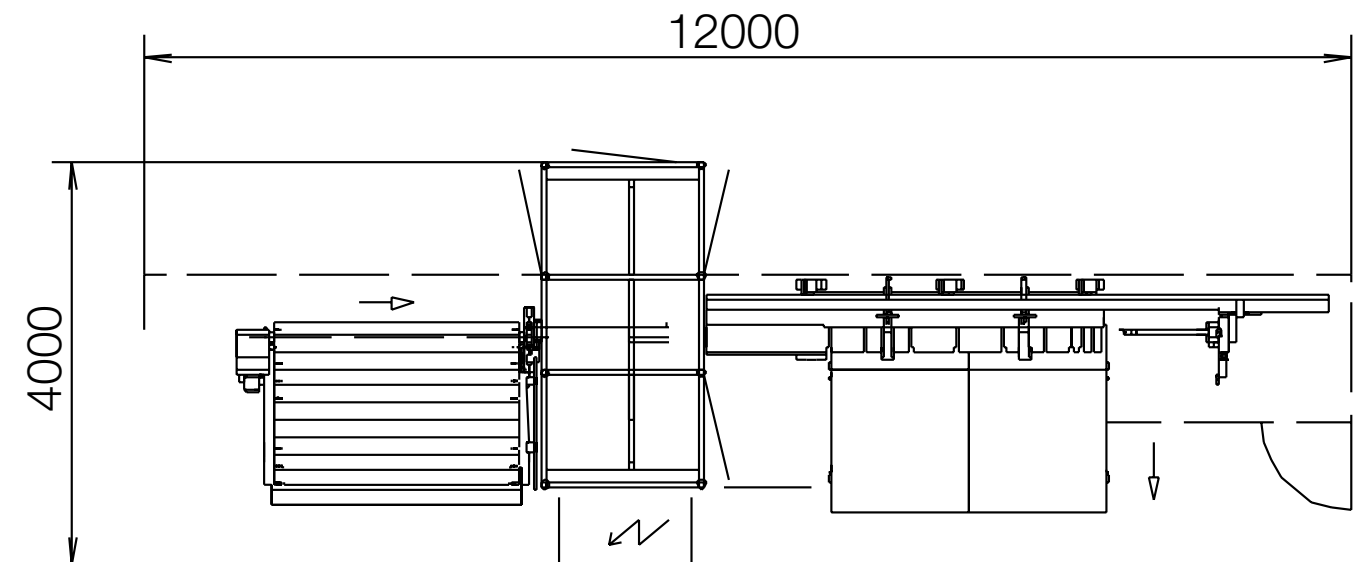


- Screwing together of steel
- Drainage slots
 - Glass fold
 - Downward
- Lock cylinder milling
- Handle drilling
- Ventilation drilling

Tools in the SBZ



Layout



NC-pliers



Workflow

- Produce the PVC-cutting kerf (with steel)
- Scanning with scanner
- NC-pliers (180 meters/minute, with two-axis positioning) takes the profile and moves in x-axis direction
- NC-pliers and G-module combine for 3-axis processing
- Automatic out-feed transport on deposit table or belt conveyor