

Automatic Processing and Sawing Machine BSA

✓ Characteristic features:

- Modular design of the whole machine
- BSA consisting of processing and sawing modules
- Profile feeding via linear axes
- Magazine feed attachment for 12 profile bars up to 6.500 mm length
- PVC drilling and milling module (G module) with 2 NC-controlled servo axes
- PVC drilling and milling module (MFM) with 8 NC-controlled servo axes
- Stepless cutting angle from 45° to 135°
- Swivelling saw module SSM: NC-controlled swivel drive for sawing unit (45°/90°/135°)
- High-speed sawing module HGSM: two saws, arranged in V-shape, 45°/135°, working simultaneously, one saw thereof NC-controlled, swinging to 90°
- Easy program editing for additional profile contours by copy programming and modification

Optionen:

- Feeding magazine - BSA - for 8 special or standard profile bars up to 6.500 mm length
- Automatic profile length measuring device for the sawing process
- PC with second hard disk incl. mirroring function via raid controller
- Transport device from the processing module to the sawing module in lengths: 2.000 mm, 4.000 mm or 7.000 mm
- NC-controlled rotary drive for SSM, stepless 30,0° to 150,0°, incl. movable profile clamps
- Sealing hold-down devices for sashes or frames with stop sealing
- Sealing cutting unit for stop or glazing sealing
- Cross conveyor module with real-time buffer for the transport of profile bars
- Sealing milling module KFM 2 on top of the real-time buffer
- Transom milling module KFM 3 for the simultaneous processing of the two profile ends for transom/mullion contours and sealing areas on sashes and blind frames
- Portal screwdriving station from above, on top of the cross conveyor module with 2, 3 or 4 electromotive screwdrivers
- Following center (NFZ) 1, 2 or 3 for the drilling in PVC with steel or placing and screwing locking parts
- Automatic destacking and sorting system



PVC Multifunktionsmodul

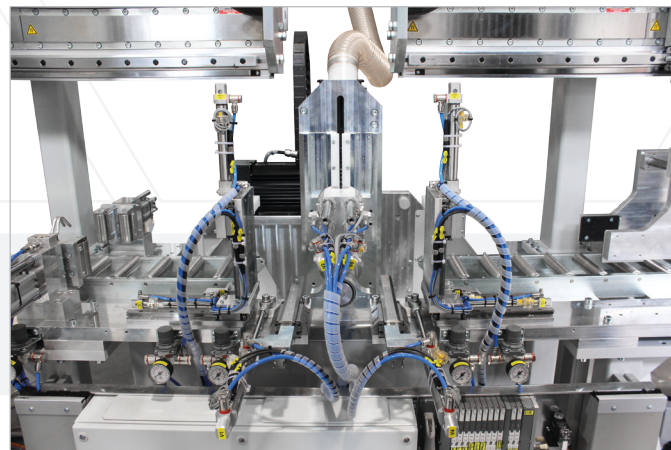
✓ Technical Data:

- Power (kW): depending on number of modules
- Voltage (V): 400 / 50 Hz (3~/N/PE)
- Air pressure (bar): 6 - 8
- Air consumption (l/min): max. 300 per module
- Workable profile width (mm): 40 - 140 (wider profiles on inquiry)
- Workable profile height (mm): 40 - 140
- Workable profile length (mm): up to 4.000
- Bar length (mm): max. 6.500

Automatic Processing and Sawing Machine For the complete processing of uPVC profiles

BSA



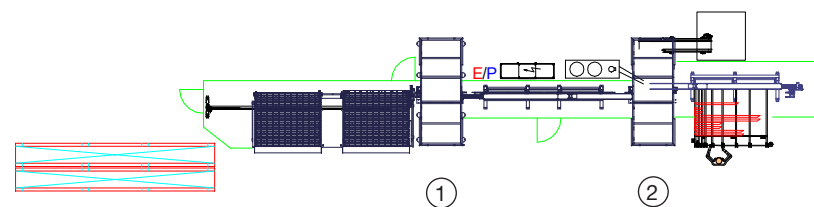


Cutting module



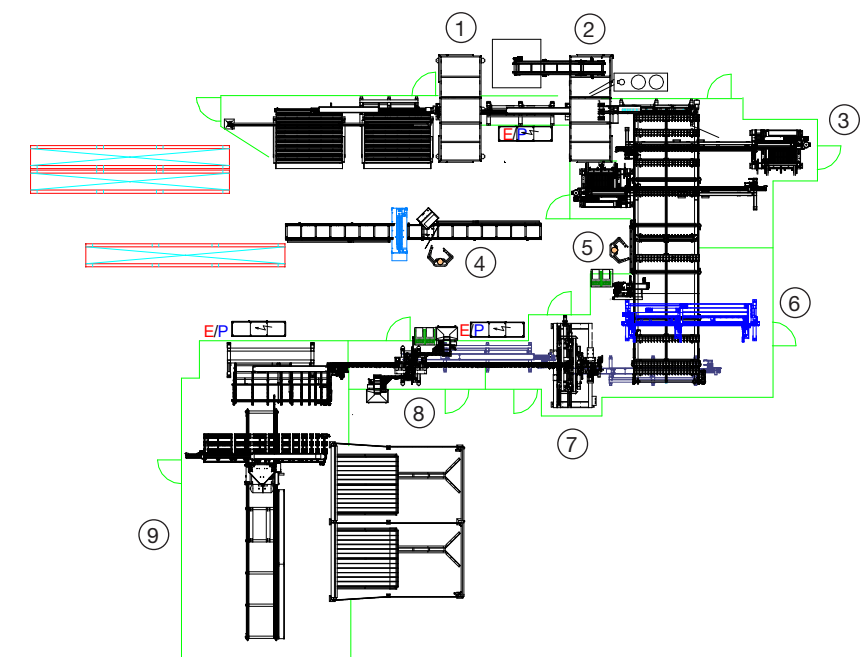
Steel module

Layout example:



- ① uPVC Multifunctional module
- ② Cutting module

Layout example:



- ① uPVC Multifunctional module
- ② Cutting module
- ③ Milling modules for gaskets Transom milling
- ④ Steel cutting
- ⑤ Steel insertion
- ⑥ Double reinforcement screwing
- ⑦ Steel module
- ⑧ Look assembly setting station
- ⑨ Automatic destacking system