

Double mitre saw and stamping machine for door frames



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This installation serves for cutting to size and stamping of steel door frames.

Technical data:

Types of frames	embrasures angle frames
Material	Steel sheet, zincoated
Material thickness	1,5–2 mm
Length of profiles	up to 3.000 mm
Width of profiles	55 to 400 mm
Positioning accuracy	± 0,25 mm
Cycle	80 sec. for the sawing of 2 side pieces and 1 head piece together with 7 stampings in the side- pieces



Double Mitre Saw

a) Double Mitre Saw

- Inclination of saw blade 45° each side
- Advance of saw by a proportional valve with distance measuring system for the continuous rating of advance feed speed as per program
- NC-adjustable, hydraulic clamping of profiles
- NC-gripper in front and behind the saw



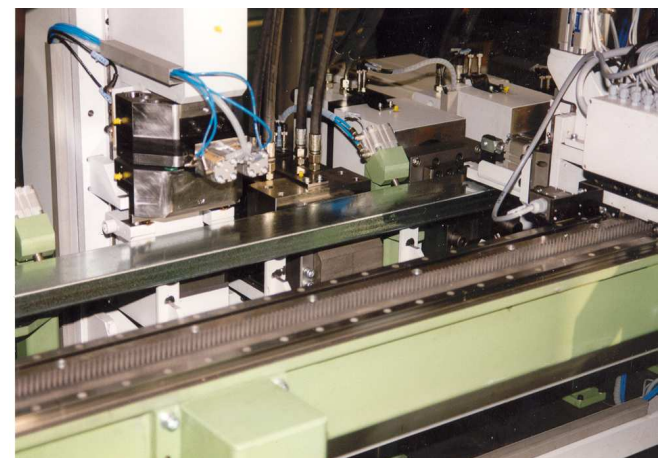
Turning device 180°

b) Turning device 180°

- Situated between the saw and the stamping line
- Swivelling arms with switchable magnetic jibs

c) Stamping machine

- 25 hydraulic tools, partly pneumatically and NC - adjustable
- 2 NC-grippers for the positioning of the work pieces in the stamping line



Stamping machine

d) Electrics

- SPS Siemens S7 400
- Interface RS 232 for PC
- Computer for job management
- Data transmission by barcode and scanner

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