

Aluminum- processing
for all branches



Automatic sawing machine Profilma 200-P, 200-E



Automatic sawing machine Profilma 200 E

- High precision automatic saw to cut off non ferrous solid material
- Automatic operation
- Cycle time from 1,7sec. (depending on profile)
- Use of saw blades Ø80 – 200mm
- Very thin sawblades from 0,5 – 1,6mm thickness
- Scrap pieces from 55mm
- SPS Control Siemens S7-300 with touch screen 5,7"
- RPM of sawblade adjustable infinitely
- Automatic separation of first piece and remaining scrap



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Automatic sawing machine Profilma 200 E

- Motor driven material feed unit
0-500mm feed length,
ball screw spindle and servo motor
- Repeat accuracy 0,02mm
- 5-fold reverse stroke device,
max. feed 2500mm
- Incl. pneumatic horizontal clamps
- Option: Vertical clamps at feeding
unit



Automatic sawing machine Profilma 200 P

- Pneumatic material feed
0-350mm, adjustable manually
with fine adjustment
and electronic digital display -
resolution 0,01mm; pneumatic
horizontal clamps
- Option: Vertical clamps at
feeding unit
- 5-fold reverse stroke device,
max. feed 1750mm



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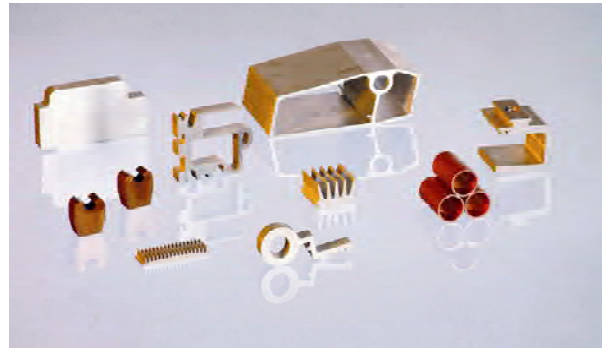
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Automatic sawing machine Profilma 200-P, 200-E



Feeding unit and saw blade

- Motor 3,0KW, 400V / 50 Hz belt drive and high speed spindle
- Pneumatic clamps left and right the sawblade
- Reducer of clamping pressure with manometer – adjustable separately
- Switch to adjust sawblade feed
- Spray nozzle adjustable according to sawblade diameter
- Micro dose pulse spraying device (filling level controlled) 1 Litre capacity



Adjustment of sawblade feed

- Hydro pneumatic Sawblade feed radial infinitely variable with hardened guides
- Stroke limiter on top and bottom
- Automatic separation of first piece and remaining scrap via pneumatic flap collection of pieces in a box below

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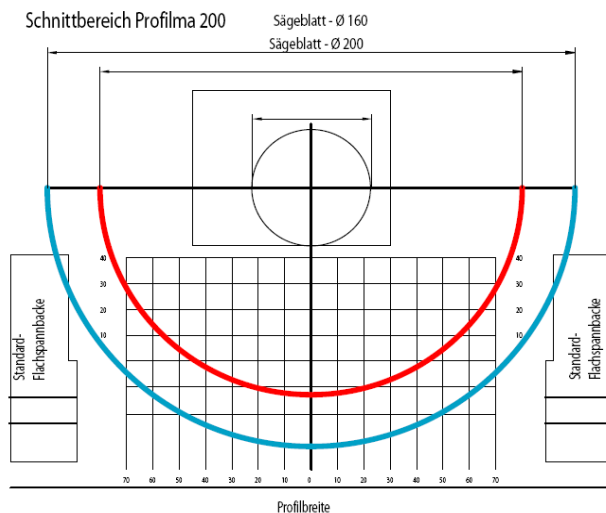


Automatic sawing machine Profilma 200 E

- Solid rack with container to collect the scrap
- Safety cover above the movable parts like motor and material feed unit
- Preliminary setup for connection of
1 swarf extractor incl.
2 necks \varnothing 100mm

Options:

- Clamping jaws flat, prism and special shaped
- Automatic control station
- Saw blades
- Roller conveyors
- Horizontal and inclined cross loader
- Swarf extractor



Data	Profilma 200 P	Profilma 200E
Motor	4,2KW, S6, 400V/50HZ	4,2KW, S6, 400V/50HZ
RPM	1.500-3.750U/min ⁻¹	1.500-3.750U/min ⁻¹
Cutting speed	up to 39m/s	up to 39m/s
Feed rate	2,5 – 350mm	2,5-500mm
Air pressure	6-8 bar	6-8 bar
Weight	560 kg	580 kg
Dimensions	1400 x 1000 x 1600mm	1750 x 1000 x 1600mm