

Aluminium Working
for all Branches



Automatic Circular Saw

Profilma 501, 501 SE



Automatic Circular Saw PROFILMA 501

- Full automatic operation
- Hydro pneumatic saw blade feed, bottom up, infinitely adjustable
- with stroke limiter to adjust cutting height
- Pneumatic material feeder up to 600mm
- Dosing spray mist device
- 2x Ø 70mm neck to connect swarf extractor
- SPS – Control integrated in operation panel

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Profilma 501

- Pneumatic material feeder up to 600mm, manually adjustable, via scale and nonius, fine adjustment with knurled wheel
Option: manual adjustment and digital read out
- Pneumatic clamps horizontal and vertical
- Automatic detection of bar end via horizontal clamp of feeder
- Remaining waste piece from 75mm
- Table with removable PVC-platter (Pertinax)
Option: removable steel platter



Profilma 501 SE

- Enlargement of cutting gap – the two bearing surfaces open, before the saw blade feeds back so the profile is not touched by the saw blade
- Pneumatic bar feeder up to 600mm, manually adjustable, via scale and nonius, fine adjustment with knurled wheel
Option: manual adjustment and digital read out
- Pneumatic clamps horizontal and vertical
- Automatic detection of bar end via horizontal clamp of feeder
- Remaining waste piece from 75mm
- Table with removable PVC-platter (Pertinax)
Option: removable steel platter



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Automatic Circular Saw Profilma 501, 501 SE



Table with profile feeder

- Operation Panel with SPS control – throttle to regulate feeding speed of saw blade.
- Controls with piece counter, oscillating feed unit and setting mode
- Adjustment of saw blade feeding height via end switch
- Micro dose spray mist device
Option: Cycle spray mist device
- Cutting width max. 250mm
Cutting height max. 180mm



Saw blade change

- Easy change of saw blade from the front side. Operator can easily open the front door to change the blade within very short time
- Saw blade completely enclosed to assure that most of the swarf gets moved away with a separate extractor which is available as an option.

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Table with profile feeder

- Stable welded base entirely closed
- Safety cover above saw blade and feeding unit
- 2 connectors for swarf extractor Ø 70 mm.

Options:

- Noise protection – inside covered with insulation
- Reducer of clamping pressure with 6 manometer
- Cycle spray mist device, level controlled
- Digital read out of feeding length

Technical Data	Profilma 501	Profilma 501 SE
Motor	7,5KW, S6 400V/50HZ	7,5KW, S6 400V/50HZ
RPM	2.850U/min ⁻¹	2.850U/min ⁻¹
Cutting speed	75 m/s	75 m/s
Enlarge cutting gap	-	left/right of blade
Bar feeder	2,5 – 600mm	2,5 – 600mm
Air pressure	6-8 bar	6-8 bar
Weight	480 kg	480 kg
Dimensions	2.700 x 1.300 x 1.600mm	2.700 x 1.300 x 1.600mm

