

Aluminium Working
for all Branches



Automatic Circular Saw Profilma 501 E



Automatic Circular Saw Profilma 501 E

- Full automatic operation
- Hydro pneumatic saw blade feed, bottom up, infinitely adjustable
- Stroke limiter to adjust cutting height
- Table separation before saw blade retracts
- Powered material feeder
- Dosing spray mist device
- SPS – Control integrated in operation panel

Profilma 501 E



Ball screw spindle material feeder

- Powered ball screw spindle material feeder up to 600mm
- Multiple material feeds without cut to finish long pieces
- Pneumatic clamps horizontal and vertical
- Automatic detection of bar end via horizontal clamp of feeder
- Remaining waste piece from 75mm
- Pressure controller with 6 manometer (Option)



Table with PVC-platter

- Table separation before saw blade retracts
- Operation panel with SPS control – throttle to regulate feeding speed of saw blade
- Controls with piece counter, oscillating feed unit and setting mode
- Chain measures (option)
- Adjustment of saw blade feeding height via end switch
- Micro dose spray mist device
Option: Cycle spray mist device
- Cutting width max. 270mm
Cutting height max. 180mm
- Table with removable PVC-platter (Pertinax)
Option: removable steel platter



Maschinen und Anlagen für Alu- und Kunststoffverarbeitung

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Profilma 501 E



Front side 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
- Enclosed saw blade to assure



Big cutting range max. width 270mm max. height 180mm – Aluminium Profiles

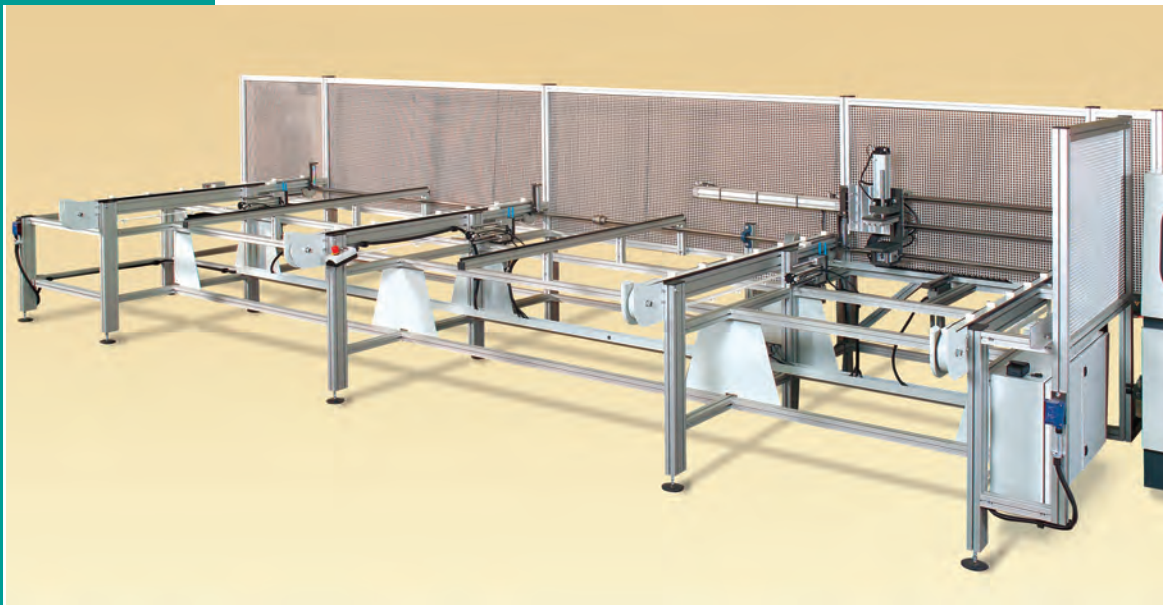
Cutting of solid aluminium – short cycle time due to powerful 7,5 KW motor



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Options



Horizontal Cross Loader

- Horizontal cross loader for profiles up to 6.500mm length
- Max. load weight 1.000 kg

- Swarf extractor MG 5

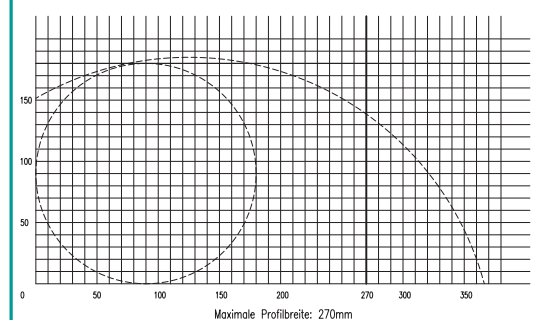


Technical Data

Profilma 501 E

Motor	7,5 KW, S 6, 400 V, 50 HZ
RPM	2.850 min ⁻¹
Cutting speed	75 m/s
Table separation	left/right of blade
Bar feeder	2,5 - 600 mm
Adaptor	2x Ø 70mm
Working height	955 mm
Air pressure	6 - 8 bar
Weight	480 kg
Dimensions	1.750 x 1.410 x 1.510 mm

Schnittdiagramm Profilma 501 E



BEWE - P15_Profilma 501E
 Profilma 501 E
 Stand 09.2011



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