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Ref. No.:

437-09111340

## **Overview and Technical Data:**

# **FMB - FZS Saw cutting machine for aluminum profiles**

**[FMB s.r.l.](#)**



Year of Build:  
Jun 2006

**Description:**

**Used FMB FSZ - sawing machine for processing of aluminum profiles**

Two plants available

## Single Head Type MATA PC

- Made with sturdy welded frame design consisting essentially of :
- Security guard
- spray system
- 2 pcs clamping device ( Einf. acting cyl. 40mm dia. Stroke 100mm ) horizontal profile clamping
- 2 pcs clamping device ( Einf. acting cyl. 40mm dia. Stroke 100mm ) vertical profile clamping
- Independently controllable sections of the clamping devices
- **Automatic positioning of 45 ° / 90 / -45 ° intermediates manually.** It is controlled from the program
- PC - Control
- 1 each of the annular nozzle Profilein and outlet to blow off chips that are on the profile surface , chips can not be blown off completely residue free .
- 2 pcs nozzles at the back of the machine table to blow chips that lie loosely on the table . Chips can not be completely residue -free blown
- Discharge route about 4,000 mm ( roller conveyer with plastic rollers , roller spacing 180 mm , with metal sheets between the rollers)
- Waste opening approx 120 x 160mm
- 3 stage cutting depth control with the following main data:
  - Blade diameter . 450 mm
  - Specify orifice . 30 mm
  - Saw motor 2,2 KW
  - Speed ??Min 2.800
  - Air pressure 6 bar
  - Air consumption L / cycle 50
  - Max Cutting . m / sec 85
  - Feed speed . mm / sec max. 60 Suction 85 mm
  - Aut miter 45 ° / 90 I -45 °
  - Miter adjustment on both sides
  - Weight Kg 580
- **Automatic Feeder** ( for transport profile ) with pneumatic adjustable transport rollers ( support table )
- Roll width 150 -200 mm roller spacing adjusted to distances of the template magazine.
- with the following main data:
  - Track 6,200 mm
  - Engine ballscrew
  - Drive motor AC servo motor
  - Positioning, mm / m + / - 00:05
  - Feed speed m / min 40 max (profile -dependent)
  - Approach speed m / min 60 max
  - Pneumatic gripper tongs Stroke 120 mm 6 bar
  - air pressure
- **Template magazine** ( cross conveyer ) for feeder
  - For material submission
  - Plastic stoppers fitted on chain approx 50 mm high
  - Retractable roller conveyer roller width 150 mm wide
  - Role distance depends on division of the transverse conveyer
  - Bandgap 200 , 600 , 1,350 , 2,350 , 3,550 , 5,300 mm
  - Plastic chain smooth, max. Machine depth of 2.500mm
  - Sequential control of the feed
  - Stop bolt for loading
- **Abförder track** 4,000 mm by driven rollers
  - Roll width 200 mm
  - Cross conveyer ( plastic chain smooth) length approx 2,500 mm
  - Distance 200 , 600 , 1.350 , 2.350 , 3.550mm

- Sequential control of the feed
- If track filled , stop the entire system .
- **Security fence** on the left and right of the system with maintenance access on left side (total about 7,000 mm ) .
- **PC - Control**

## Technical Data:

## Technical Data:

Control:

[CNC](#)

## Buyer Information:

Condition:

[Very good condition](#)

Available:

[On Request](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

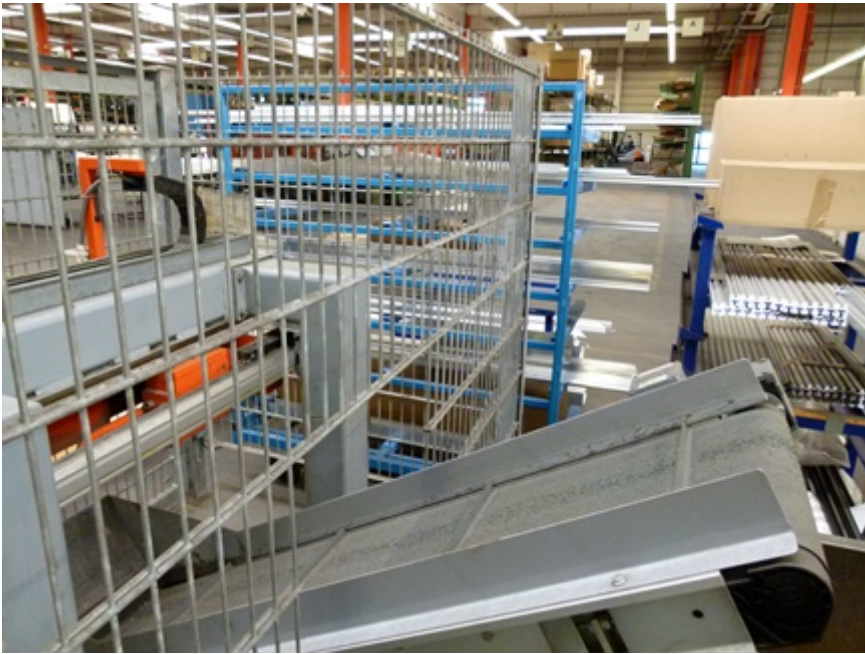
[15 %](#)

Location:

Germany

## Images:





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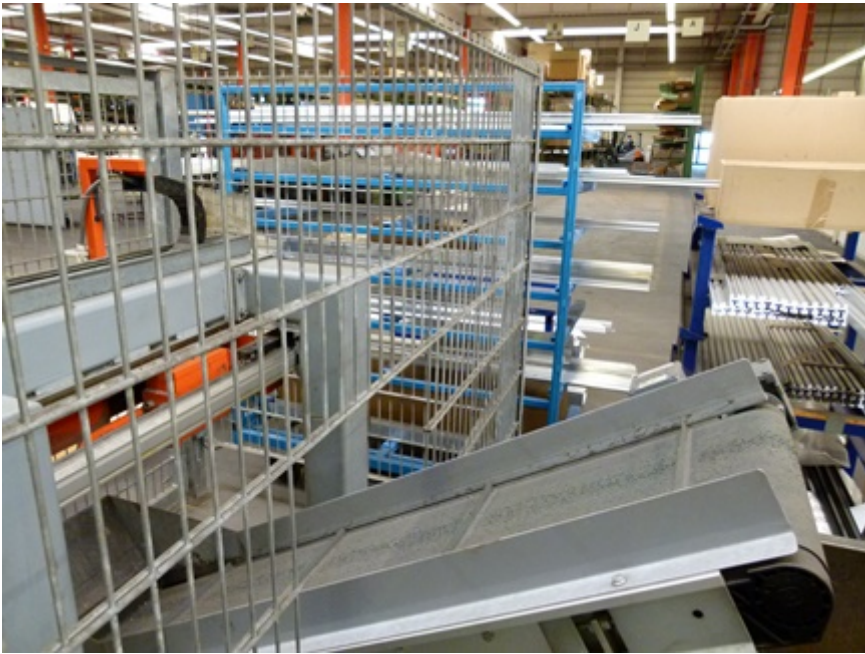
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