



WMH GROUP GERMANY
ALUMINIUM SOLUTIONS

STATE-OF-THE-ART MACHINES FOR PROCESSING ALUMINUM

- High quality manufacturing, production and processing
- State-of-the-art machines for dimensionally accurate aluminum solutions
- Large quantities or individual costum-made products





STATE-OF-THE-ART MACHINES FOR PROCESSING ALUMINUM

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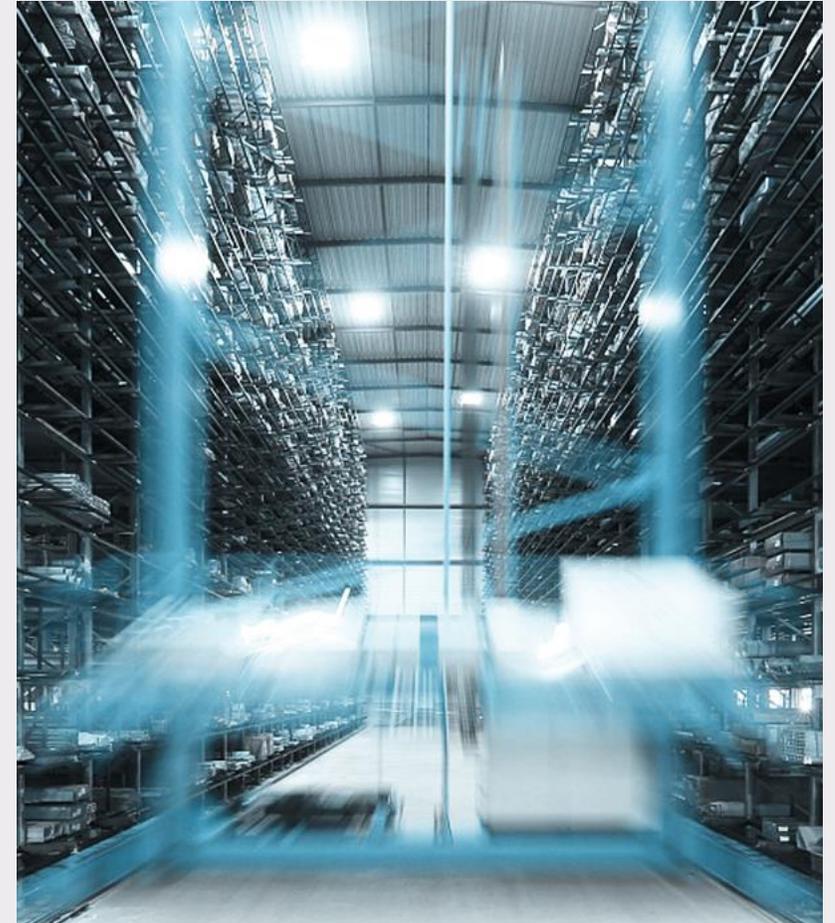
STATE-OF-THE-ART MACHINES FOR PROCESSING ALUMINUM

OUR MASCHINE LIST

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For the highest quality in the production, manufacture and processing of aluminum products, we rely on the most modern machines. Whether large quantities or individual costum-made products: WMH GROUP GERMANY supplies you with tailormade solutions made of aluminum for your application.

Water jet cutting, sawing , turning, drilling, deburring and straightening are just as much a part of our wide range of services at the production of rings and round blanks or pre-cut shaped blanks.



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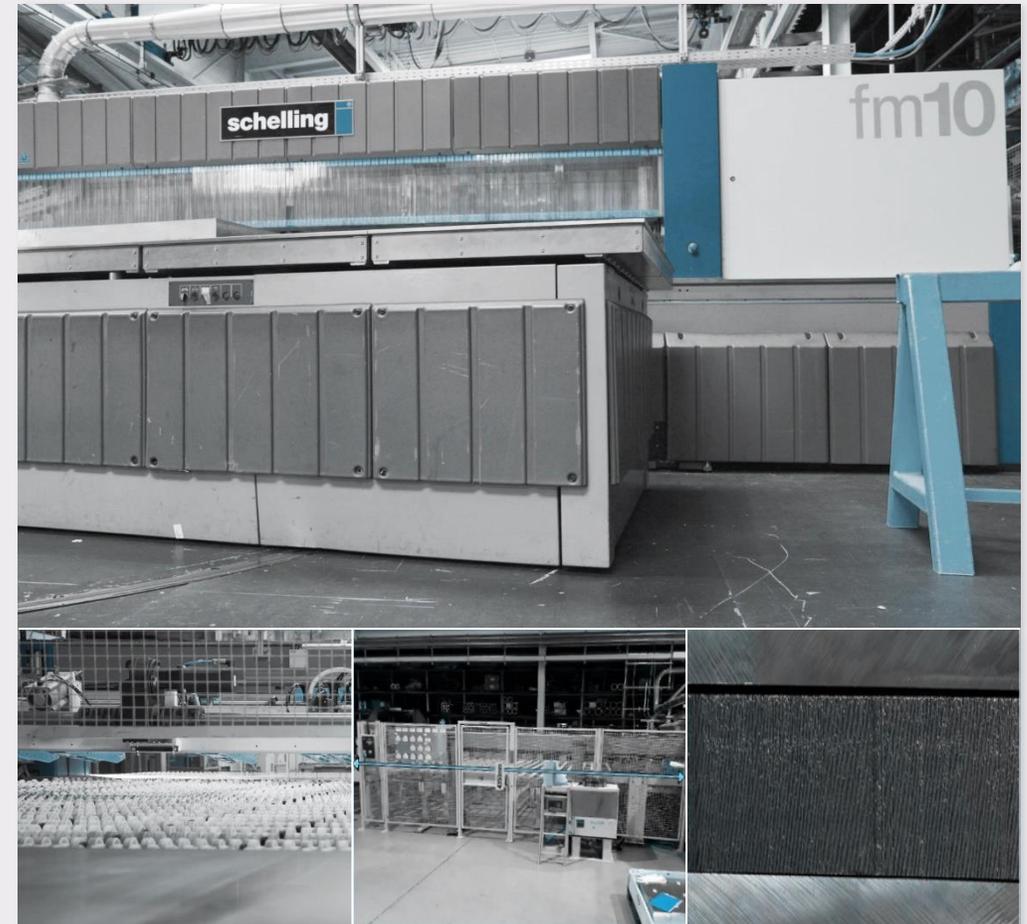
FLATBED PANEL SAW

SCHELLING FM10 PANEL CUTTING SAW FOR NON-FERROUS METALS

- Cutting Height up to 200 mm
- Cutting Length 4320 mm
- Feed 4350 mm

TOLERANCES FOR LENGTH IN MM PANEL SAWS

	≤ 400	≤ 1000	≤ 2000	> 4000
Thickness ≤ 100	+0,6	+0,8	+1,2	+2
Thickness ≤ 150	+1,2	+2	+3	+4
Thickness ≤ 210	+1,2	+2	+3	+4





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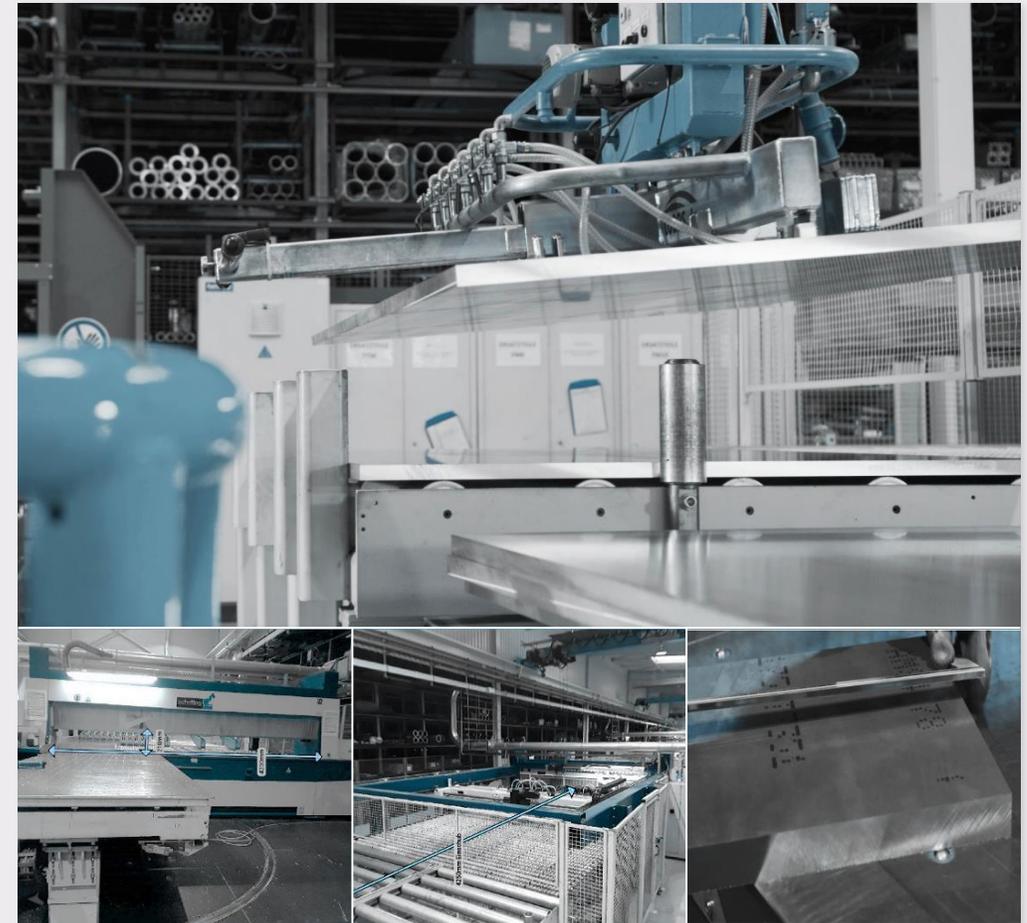
FLATBED PANEL SAW

SCHELLING FTM PANEL CUTTING SAW FOR NON-FERROUS METALS

- Cutting Height up to 200 mm
- Cutting Length 4200 mm
- Feed 4250 mm

TOLERANCES FOR LENGTH IN MM PANEL SAWS

	≤ 400	≤ 1000	≤ 2000	> 4000
Thickness ≤ 100	+0,6	+0,8	+1,2	+2
Thickness ≤ 150	+1,2	+2	+3	+4
Thickness ≤ 210	+1,2	+2	+3	+4





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WATERJET CUTTING SYSTEMS

FLOW MACH 3

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Max. machining area 3920 mm x 1920 mm
Z-Axis up to 140 mm (depending on cutting head technology)

- Linear axis accuracy (+/-) 0,04 mm pro 1 m
- Maximum cutting speed 7,6 m/min (material and contour dependent)
- Maximum travel speed 12,7 m/min
- Repeatability (+/-) 0,05 mm

Tolerances depending on the product and agreement.





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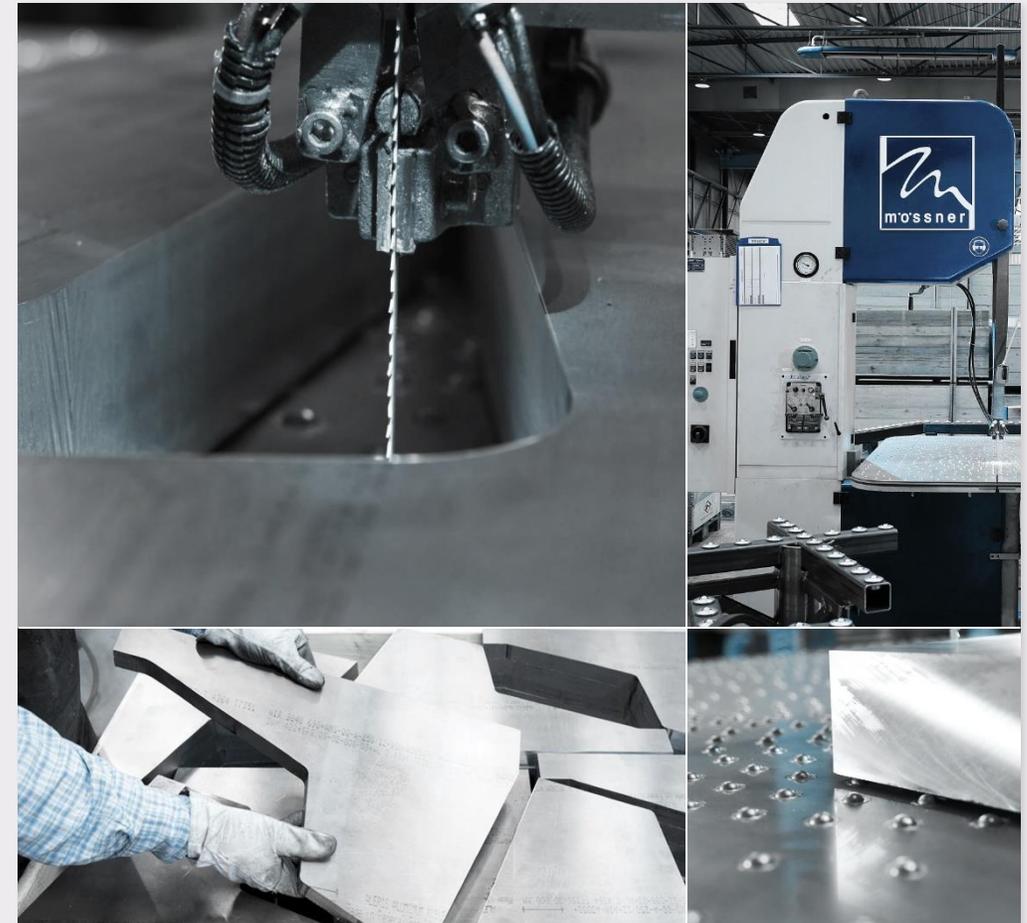
VERTICAL BAND SAWS

MÖSSNER

- Tubes
- Rings
- Shapes

The listed products are also available in oversizes.

Tolerances depending on the product and agreement.



STATE-OF-THE-ART MACHINES FOR PROCESSING ALUMINUM

STRAIGHT CUT BAND SAWS

FROM BEHRINGER

Machining Dimensions

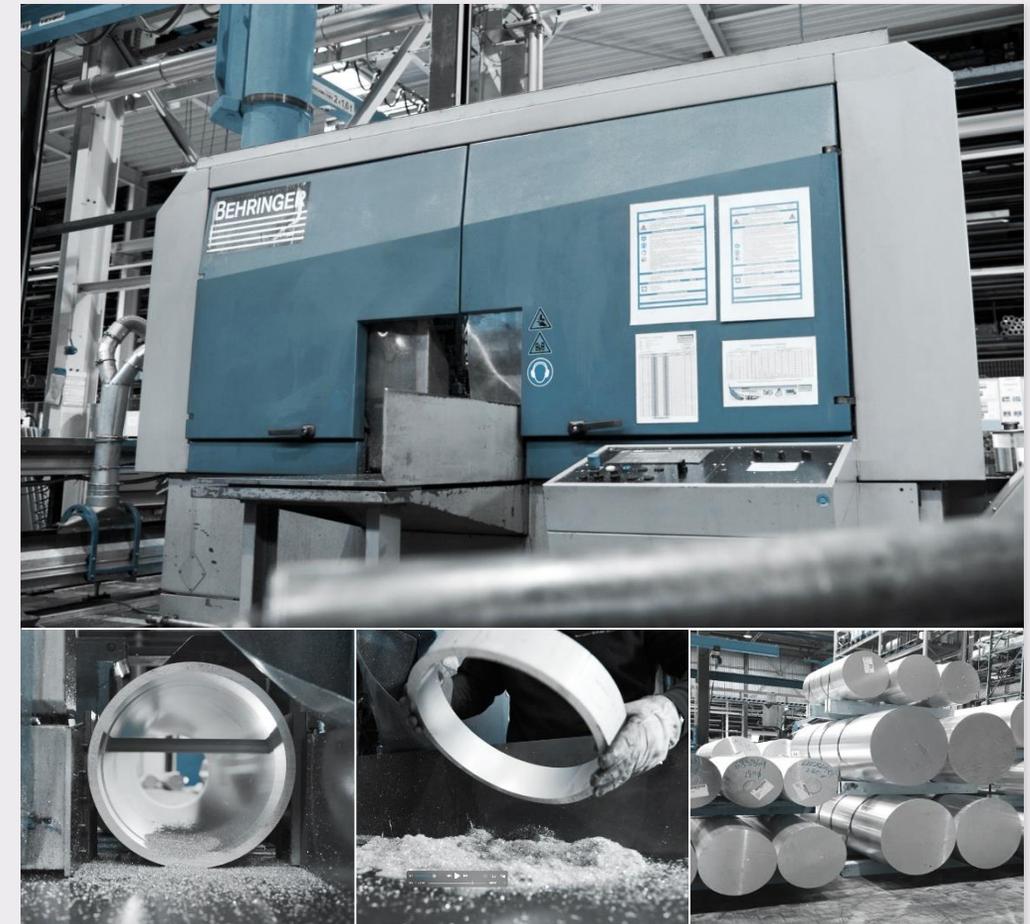
- Diameter 650 mm
- Flat 850 x 650 mm

TOLERANCES FOR LENGTH IN MM

TUBE AND BAR SAWS

		≤ 400	≤ 1000	≤ 2000	≤ 4000	≤ 8000	> 8000
Bandsaw	Tube from 200	+2,4	+4	+6	+8	+10	+12
Bandsaw	Bar	+2,4	+4	+6	+8	+10	+12
Bandsaw	NTS 320 x 460	+2,4	+4	+6	+8	+10	+12
Bandsaw	Bar from Ø200	+2,4	+4	+6	+8	+10	+12

Tolerances can also be kept closer on request.



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PRECISION CIRCULAR SAW

PRESSTA EISELE

Processing Dimension

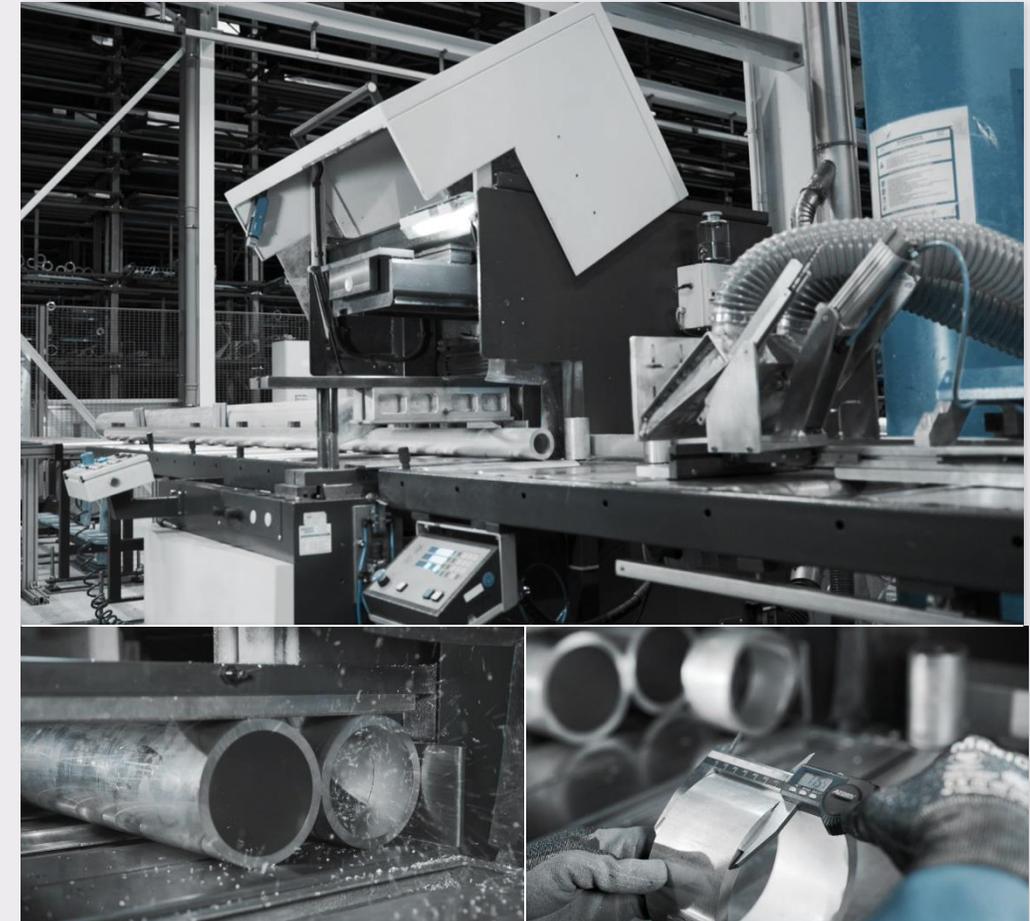
- Diameter 210 mm
- Flat 400 x 200 mm

TOLERANCES FOR LENGTH IN MM

TUBE AND BAR SAWS

		≤ 400	≤ 1000	≤ 2000	≤ 4000	≤ 8000	> 8000
Circular Saw	Rotal	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	MBP	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	Planks	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	Tube up to Ø200	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	NTS	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	AZP	+1	+1,6	+2,4	+4	+6	+10

Tolerances can also be kept closer on request.



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PRECISION CIRCULAR SAW

Processing Dimension

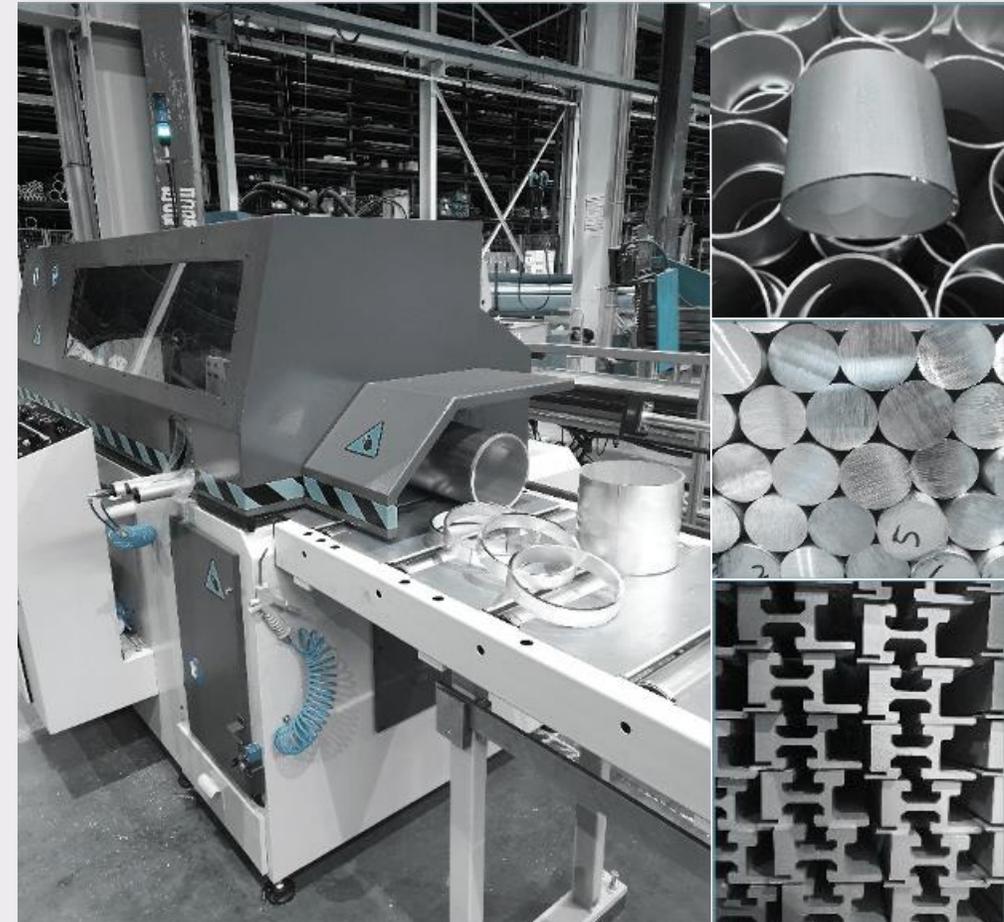
- Diameter 250 mm
- Flat 400 x 200 mm
- Sqare 230 x 230 mm

TOLERANCES FOR LENGTH IN MM

TUBE AND BAR SAWS

		≤ 400	≤ 1000	≤ 2000	≤ 4000	≤ 8000	> 8000
Circular Saw	Rotal	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	MBP	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	Planks	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	Tube up to Ø200	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	NTS	+1	+1,6	+2,4	+4	+6	+10
Circular Saw	AZP	+1	+1,6	+2,4	+4	+6	+10

Tolerances can also be kept closer on request..





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FOILING MACHINE

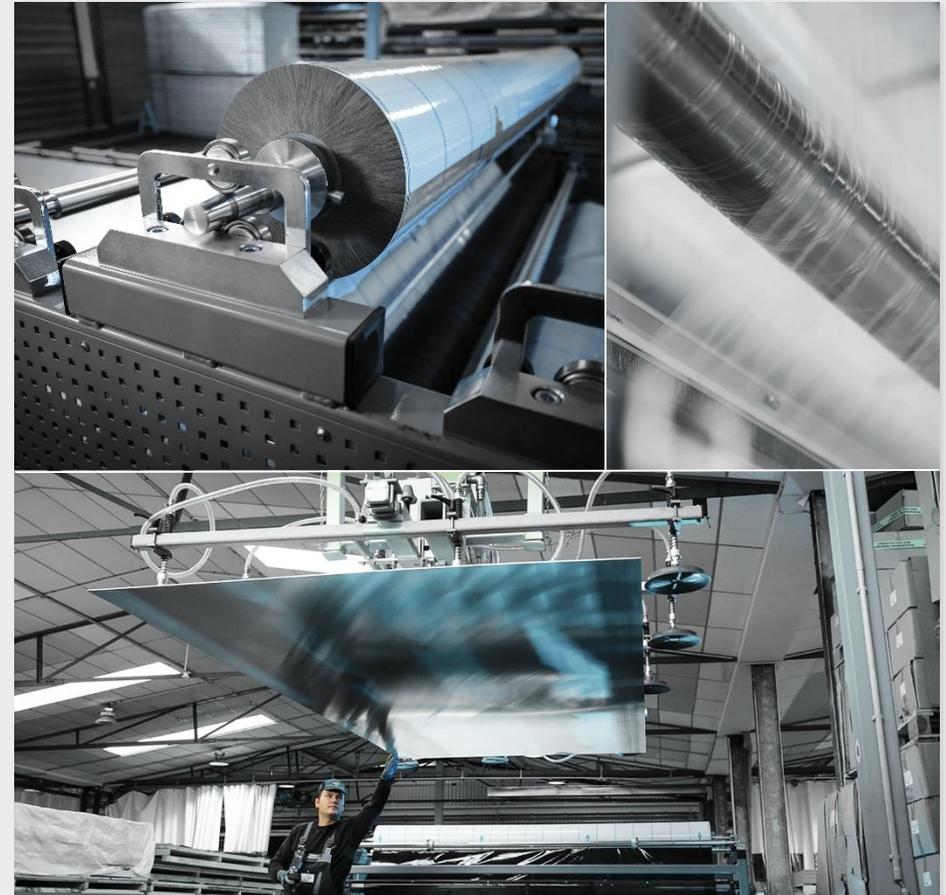
VOMA

Protective Film 4228REF (100 µm)

Novacel 4228REF protects sensitive surfaces from dirt, scratches, tool marks, etc. during processing storage, transport and assembly. It was specially developed for laser cutting using solid-state lasers; At the same time, the film is also suitable for use on CO2 laser systems. The light gray top allows easy labeling/marketing.

Areas of application

Aluminum: anodized, not anodized | Chrom, nickel
Stainless steel: 2R, 2B, ground, brushed | Plastics(PMMA, PS;
PC, Hart-PVC) | Coil coating
Laminated lacquered and (powder) coated materials



FOILING MACHINE

VOMA

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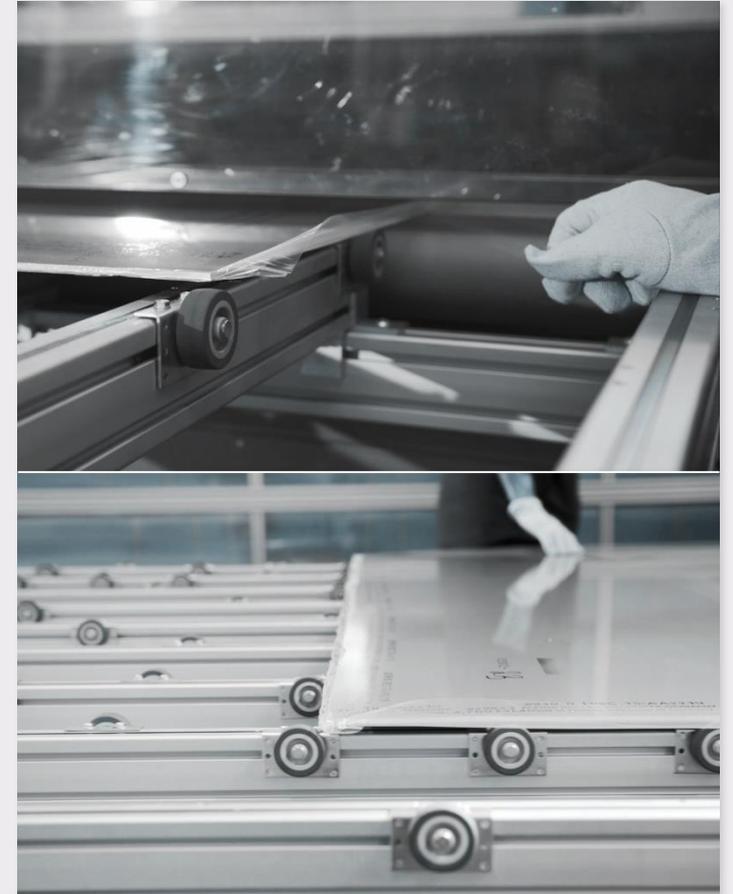
Protective Film Novacel 4160 (50 µm)

Novacel 4160 protects sensitive surfaces from dirt, scratches, tool marks, etc. during processing, storage, transport and assembly.

Areas of application

- Laminates
- Plastics
- Painted/Coated Sheets
- Aluminum: anodized/non-anodized
- Stainless Steel (cold rolled)
- Chromed and nickel-plated metals

Novacel 4160 is not suitable for protecting copper and brass. This protective film is **not UV-resistant** and therefore not intended for outdoor use.





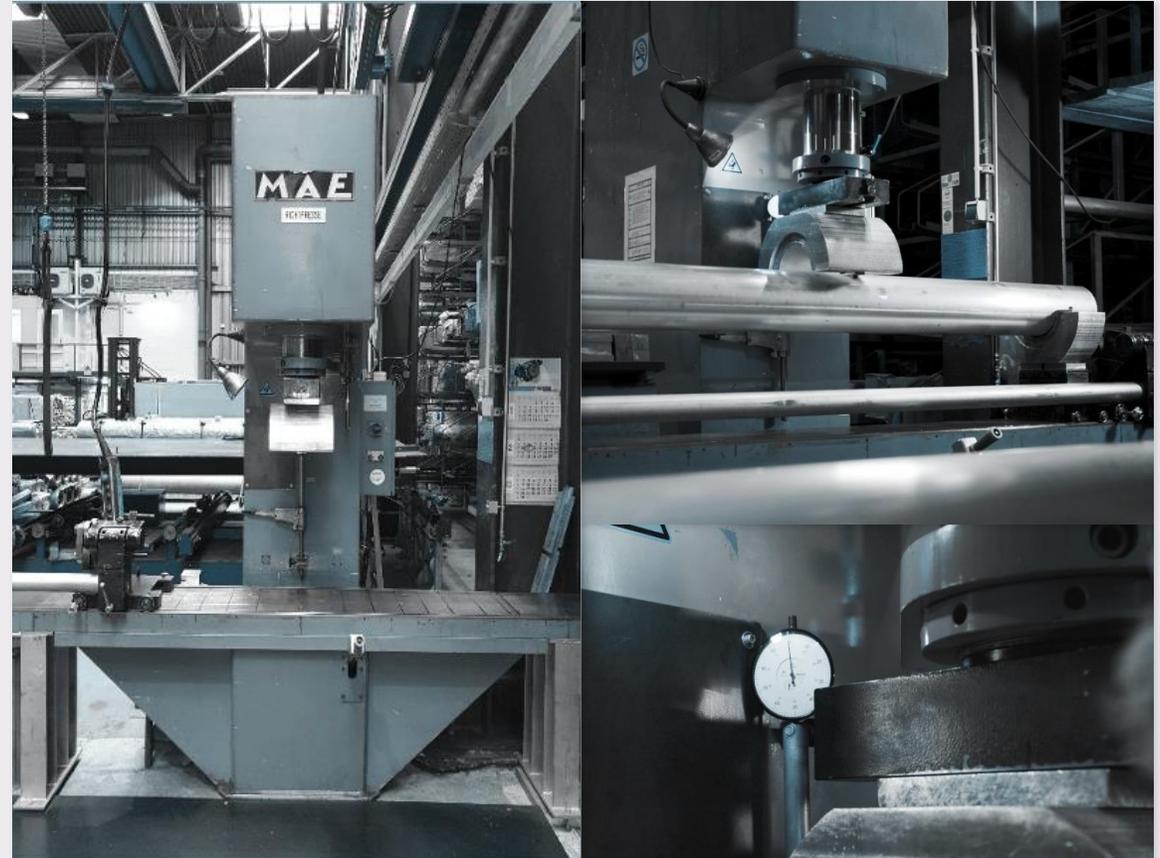
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STRAIGHTENING PRESS

MAE 100 TONS

- Max. Diameter 400 mm
- Pressing force 100 t



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PLEASE CONTACT US

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