

## THE ROCK STAR AMONG ALUMINUM SAWS

# > ALU PRECISER

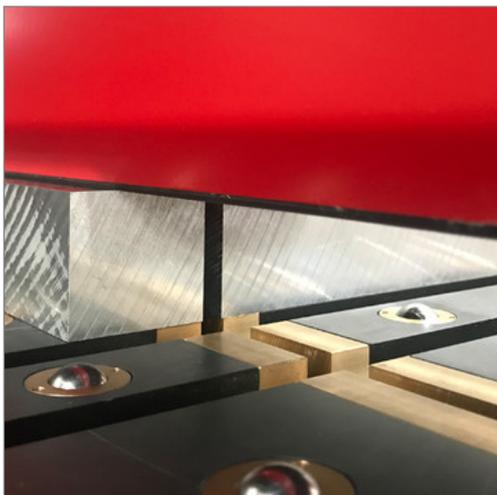
Together with our partner Briganto GmbH, we have developed an aluminum panel saw that is designed solely for cutting aluminum and thus for the specific needs of the aluminum industry.



alu preciser

## YOUR ADVANTAGES

- Cuts to the nearest tenth of a millimeter with maximum precision
- Saves valuable material and time, thereby reducing costs
- Can be operated easily by anyone
- Robust and durable machine construction
- Clean and tidy working environment: Swarf extracted with almost no residue
- Avoids material scratches, taking material protection to a whole new level
- Highest service quality and personal support



Pressure bar with material

## THE PRINCIPLE

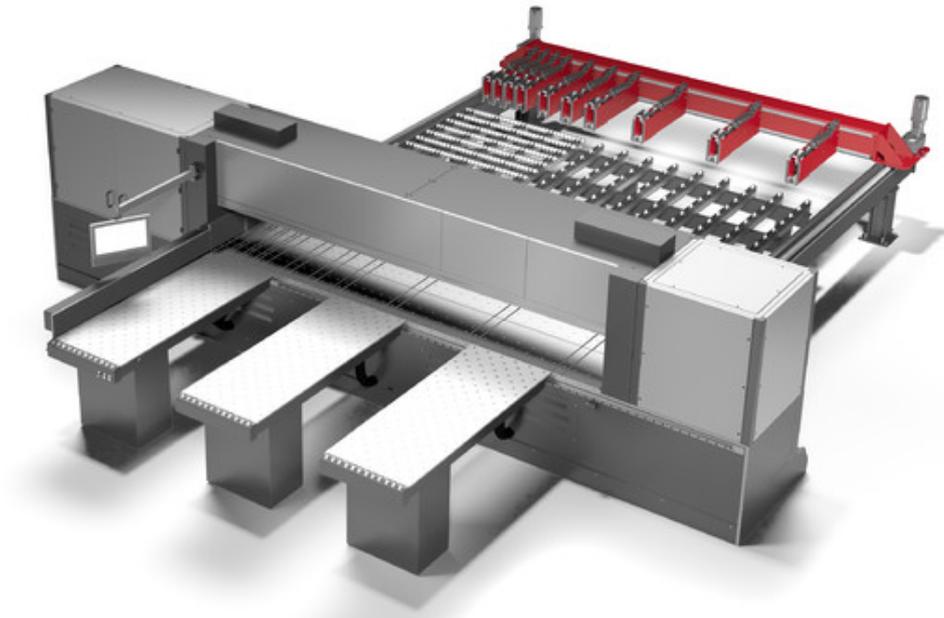
The plates are placed on the handling tables in front of the saw. The easily replaceable, air-sprayed table surface enables materials to be selected individually in accordance with the customer's requirements. The positioning carriage transports the material to the cutting position. The synchronous drive with absolute measuring system on both sides guarantees maximum precision.

Before the saw blade emerges, the pressure beam clamps onto the material. There is a synchronous drive on both sides for electric positioning. The pneumatic pins installed in the front part serve on the one hand to compensate for material thickness and flatness tolerances and, on the other, to allow clamp release for the final cut. Two independent, electrically operated, mobile aligners press the material with a controlled torque up to the angular stop, in order to guarantee the highest levels of angular accuracy. Swarf that cannot be extracted during saw ingress or scrape-cutting is removed by the patented, traveling extractor hood.

The easy-to-use interface makes operation child's play. The machine suggests recipes and sets all material- and tool-specific parameters on selection. The animated interface shows the operator all subsequent steps on the touchscreen and guides them through the production process.

## TECHNICAL DATA

# > ALU PRECISER


**> Machine data**

	ALU PRECISER 25	ALU PRECISER 20	ALU PRECISER 15
Cutting length (mm)	3,250, 4,250, 6,250 (other dimensions on request)	3,250, 4,250, 6,250 (other dimensions on request)	3,250, 4,250 (other dimensions on request)
Max. panel thickness/height (mm)	250	200	150
Max. panel weight (kg)	5,000	4,000	2,500
Aligner alignment area pressure bar	total cut length	total cut length	total cut length
Max. aligner contact pressure (N)	6,000 per aligner cam	6,000 per aligner cam	3,000 per aligner cam
Saw motor power (kW)	78	60	38
Saw feed rate (m/min)	0.1 - 80	0.1 - 80	0.1 - 80
Positioning carriage positioning accuracy (mm)	+/- 0.05 mm	+/- 0.05 mm	+/- 0.05 mm
Pit depth (mm)	not pit or foundation required	not pit or foundation required	not pit or foundation required
Electronic controller	B&R X20 SafeLOGIC	B&R X20 SafeLOGIC	B&R X20 SafeLOGIC

Specifications subject to change