

# BRIGANTO ALU PRECISER

THE ROCK STAR AMONG ALUMINUM SAWS



## YOUR ADVANTAGES

- . Highest cutting accuracy
- . Material and time savings result in lower operating costs
- . Easy to operate for everyone
- . Robust and durable machine design features
- . Clean work environment – most of the chips are extracted
- . Material scratches are prevented – the subject „material protection“ is taken to a new level
- . The highest quality of service with dedicated personal support

## THE PRINCIPLE

The material is placed onto the handling tables in front of the saw. The positioning carriage transports the material to the cutting position. The synchronous drive, with an absolute measuring system on both sides, guarantees maximum dimensional and parallel cutting accuracy. Once the pressure beam is on top of the material, the saw blade is automatically lifted. Up/down positioning of the pressure beam is done with electric drive. Pneumatic operated pins, which are installed in the pressure beam, compensate for material thickness and flatness tolerances. As a secondary function, the pins hold the material firmly on the last cut. Two independent, electric operated aligner bars align the material with an automatic controlled torque against the squaring rail. Swarf generated during the saw ingress into the material or the face cut is removed with a patented traveling extraction hood unit. The easy-to-use interface allows for quick and simple learning for all. The machine controls include a data library, which suggests cutting recipes and sets all relevant material and tools specific cutting parameters on selection. The animated interface shows the operator all the following steps on the touchscreen and thus guides him through production.



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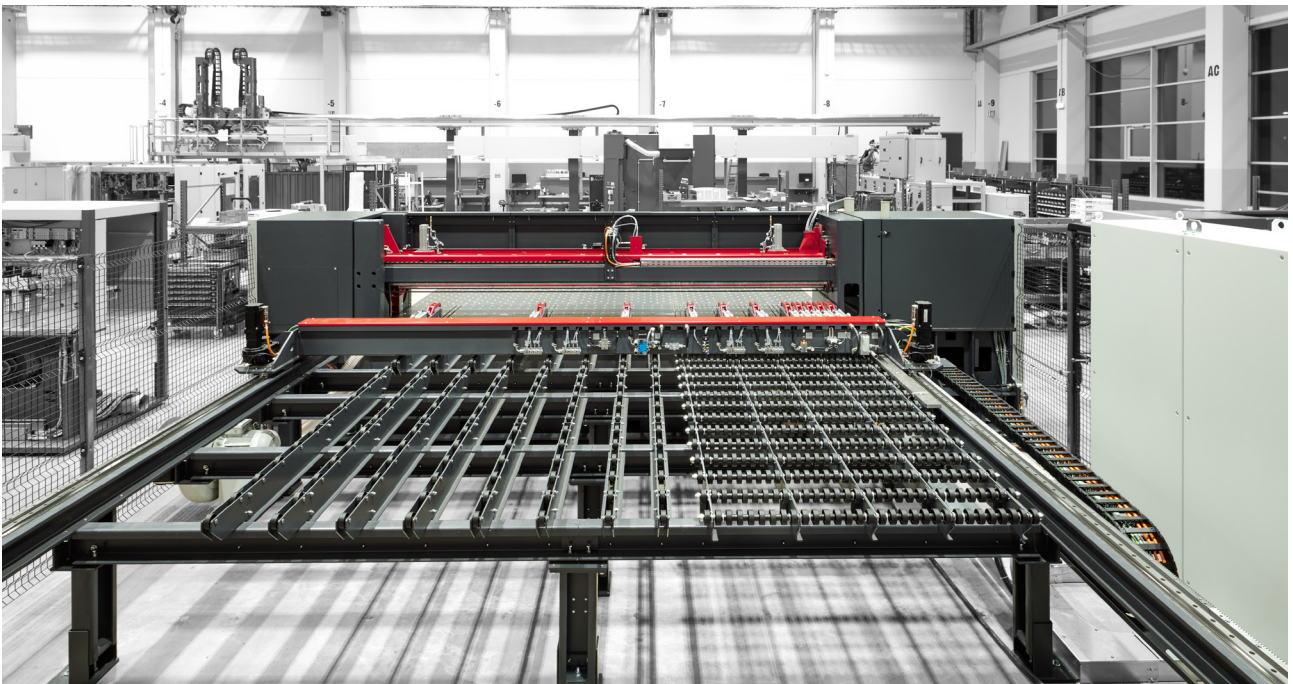
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## TECHNICAL DATA

ALU PRECISER	AP 25	AP 20	AP 15
Cutting length (ft) _____	10, 14, 20	10, 14, 20	10, 14
Max. plate thickness/height (inch) _____	10, optional 12	8	6
Max. plate weight (lbs) _____	11,500	8,500	6,500
Aligner alignment area pressure beam _____	entire cutting length		
Max. aligner pressure (N) per aligner dog _____	6,000	3,000	2,500
Saw motor power (HP) _____	103	69	50
Saw feed rate (inch/min) _____	4 – 3,200	4 – 3,200	4 – 3,200
Positioning carriage positioning accuracy (inch) _____	+/- 0.002	+/- 0.002	+/- 0.002

Specifications subject to change.

Additional cutting lengths and technical scope of supply are available on request.



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