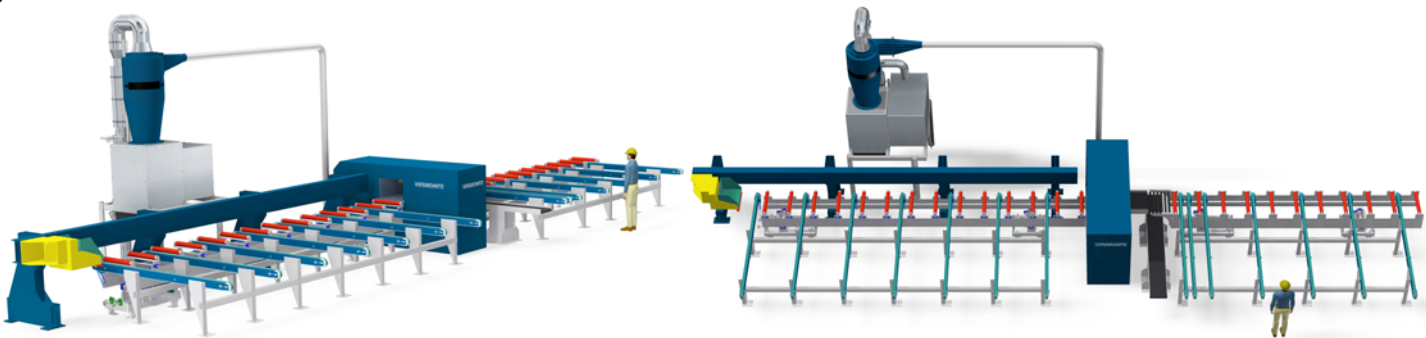


HIGH-PERFORMANCE PRECISION SAW

1

FULL CONFIGURATION WITH CROSS TRANSPORT

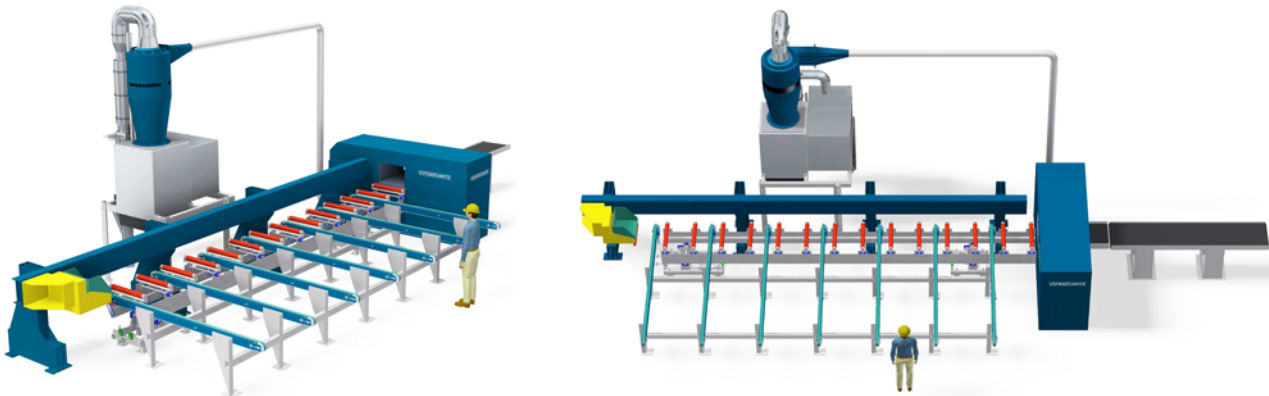
BEFORE AND AFTER THE SAW, INCLUDING SHORT-LENGTH BELT



2

SMART VERSION WITHOUT CROSS TRANSPORT

AFTER THE SAW



FLEXIBILITY THROUGH MODULAR CONSTRUCTION

- ▶ Suitable for short and long lengths
- ▶ Expandable with conveyor belt or roller conveyors, scalable according to final length and production requirements
- ▶ Cross transports in various pitches – usable as conveying paths or buffers
- ▶ Optional separation systems for good-length parts and scrap portions
- ▶ Interface to production control systems available – for complete process integration
- ▶ Usable as a stand-alone unit or fully inline-integrated, combinable with automated handling solutions
- ▶ Sawing technology designed for high efficiency in diverse production environments
- ▶ Manual, semi-automatic, or fully automatic operation possible – freely combinable as needed
- ▶ Adjustment and safety functions compliant with current EU standards

TECHNOLOGICAL HIGHLIGHTS AT A GLANCE

- ▶ Maintenance-friendly, process-secure, and robust construction with excellent sawing results – built for durability and maximum availability
- ▶ Powered saw table with lifting function for scratch-free discharge of profiles after the sawing process
- ▶ Precision pusher for highly accurate and repeatable cuts
- ▶ Powered conveyor belt for efficient and secure automated profile transport
- ▶ Saw blade can be moved to a change position for easy maintenance and fast retooling
- ▶ Adjustable saw blade angle to compensate for tolerances during operation
- ▶ Use of proven Siemens control technology – adaptable and flexibly integrable by the customer
- ▶ Heavy-duty, robust machine construction – more stable than comparable systems on the market
- ▶ Servo-controlled hold-down device with variable force adjustment and weight compensation – ideal for thin-walled profiles and solid bars
- ▶ Integrated chip extraction in the saw table, telescopic and synchronized with the saw blade – for clean cuts and effective chip removal
- ▶ Long chip separator – reduces the risk of clogging in the extraction system
- ▶ High saw blade speed, sensitive feed, and automatic cutting height adjustment – all controlled by frequency-regulated drives
- ▶ Adjustable saw blade lubrication – depending on blade diameter, with automatic position control
- ▶ User-friendly saw blade angle adjustment for quick adjustments
- ▶ Central saw console to control all relevant sawing functions

TECHNICAL DATA

Cutting width	max. 650 mm
Cutting height	max. 250 mm
Layer weight	max. 125 kg/m
Material length	customer-specific
Saw motor power	ø22 kW (load-dependent, frequency-controlled to reduce electrical consumption)



**Maximum
Precision &
Efficiency**

MACHINE ACCURACY

Dimensional deviation across cutting width	+/- 0.1 mm across the full cutting width of 650 mm
Dimensional deviation across cutting height	+/- 0.05 mm at 100 mm cutting height
Pusher positioning accuracy	+/- 0.04 mm