

celaschi xl

double-end profiling machine for CLT panels



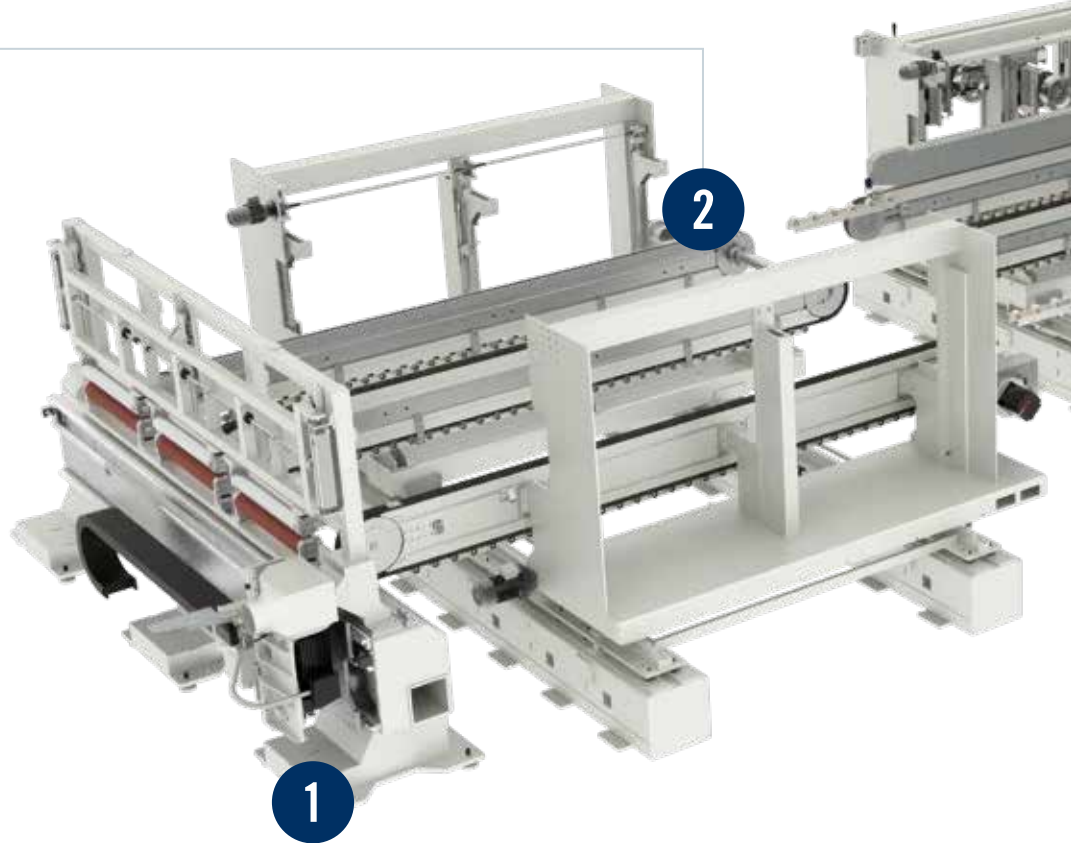
OVERVIEW OF TECHNICAL FEATURES

TECHNOLOGICAL ADVANTAGES

- CLT wall processing up to 400 mm thickness: squaring, profiling and cross-cutting in one pass
- Balanced production flow and increased output in high-volume plants
- Consistent accuracy through robust heavy-duty construction and workpiece feeding



High-precision chain-driven panel transport system
3 pairs of rolling feed chains
75 mm wide, suitable for heavy-duty work.



DISCOVER MORE



Trailing-edge profiling station
Performs the profiling of panels up to 200 mm thick in a single pass, in two passes for thicknesses from 200 to 400 mm.

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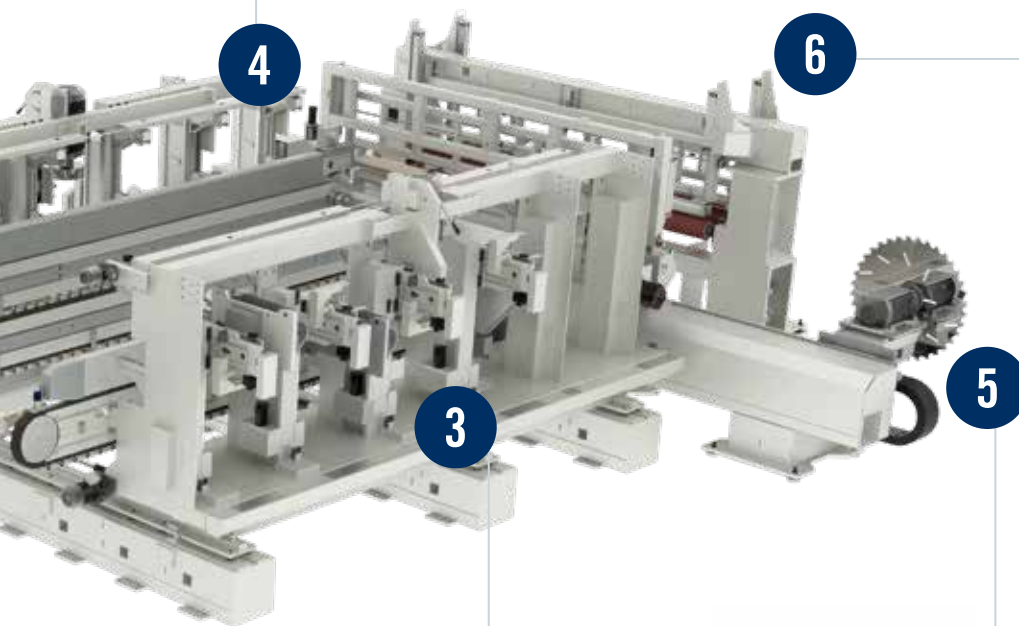
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Leading-edge profiling station

Performs the profiling of panels up to 200 mm thick in a single pass, in two passes for thicknesses from 200 to 400 mm.

The unit executes an anti-chipping cycle for a flawless finish on the edge.



Hold-down and controlled panel discharge system with integrated top-surface cleaning

The pressing unit is equipped with 3 suction hoods to clean the upper face of the workpiece.



8x44 kW profiling units - half-lap joints and rebates in a single pass

Each machine side is equipped with 4x44 kW electrospindles for squaring and processing joints (half lap and rebate). During stationary workpiece machining (leading/trailing edge profiling and sizing) the units move away from the workpiece.



Sawblade with scoring unit for panel cross-cutting (optional)

Flawless cutting finish thanks to the scoring sawblade.

TECHNICAL DATA

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WORKPIECE DIMENSIONS

Length min-max.	mm	2400-18000
Width min-max.	mm	2200-3600
Thickness min-max.	mm	50-400

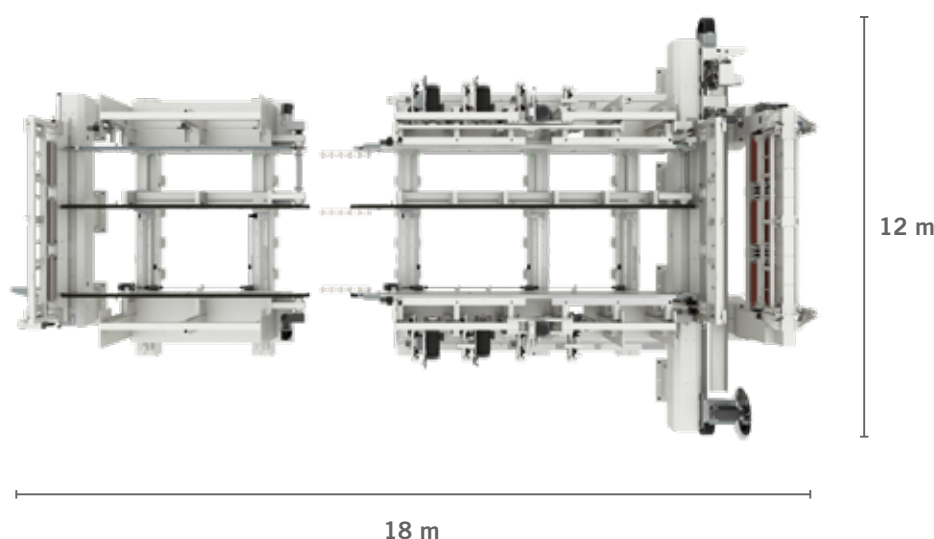
OPERATING UNITS

Power max.	kW	44
Rotation speed max.	rpm	3500

TRANSPORT SYSTEM

Feeding speed max.	m/min	12
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OVERALL DIMENSIONS



**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001**

The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms.



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