

A large industrial machine, the AZL Inductive Double-Belt Press, is shown in a factory setting. The machine is primarily white and blue, with various rollers, belts, and electrical components. It is designed for the continuous production of composite laminate sheets. The background is a light-colored industrial wall.

AZL Tech Center - System Specifications

AZL Inductive Double-Belt Press

- Continuous production of composite laminate sheets
- Impregnation using thermoplastics and thermosets
- Consolidation of thermoplastic UD-tapes & laminates

Detailed Technical Specifications

- Maximum temperature of 380°C (energy efficient inductive heating)
- Maximum specific pressure of 23 bar
 - 5 Different, individually controllable pressure zones
- Steel belt width 350 mm; scalable
- Max material thickness: 3 mm
- Process speed: Up to 5 m/min (depending on requirements)
- Machine dimensions (WxLxH): 1,4 x 4 x 1,8 m
- Max Induction Power: 2x 40 kW

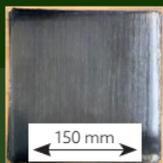


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Main Specifications

Max. temperature	380 °C
Max. pressure	23 bar
Max. speed	5 m/min
Belt width	350 mm
Max. thickness	3 mm

Exemplary Parts



CF-PEKK
UD-Laminate
14 Layers



CF-PP
Woven Fabric
2 mm thick



CF-PA6.6
Woven Fabric
2 mm thick



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