

AZL Tech Center - System Specifications

AZL Fully Automated Injection Molding Cell 17.000 kN, 2K Turning Plate

- Rapid prototyping for quick development
- Validation of material and process combinations
- Efficient exploration of new designs and materials
- Analysis of product and process quality and reproducibility

Detailed Technical Specifications

- KUKA KR 150 R3100 robot mounted on a linear axis
- Double sided KRELUS IR heating oven
- ENGEL Duo 1700 injection molding machine with intermediate platen
- 2K injection process possible
- MuCell ready
- Preforming UD-Tapes during handling
- Process speeds up to 1 part/min (depending on requirements)



Available
for you!

Main Specifications

| | |
|--------------------------------|-------------------------------------------------|
| Clamping force | 17.000 kN |
| Injection unit max. volumes | 6.100 cm ³ and 2.600 cm ³ |
| Max. mold surface | 2.115 x 1540 mm |
| Min. mold dim. (WxLxH) | 990 x 1.295 x 700 mm |

Exemplary Parts



PP CF UD-Tape
Reinforced Frunk



Combined Handling and Forming Device



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Scan for
more info:

