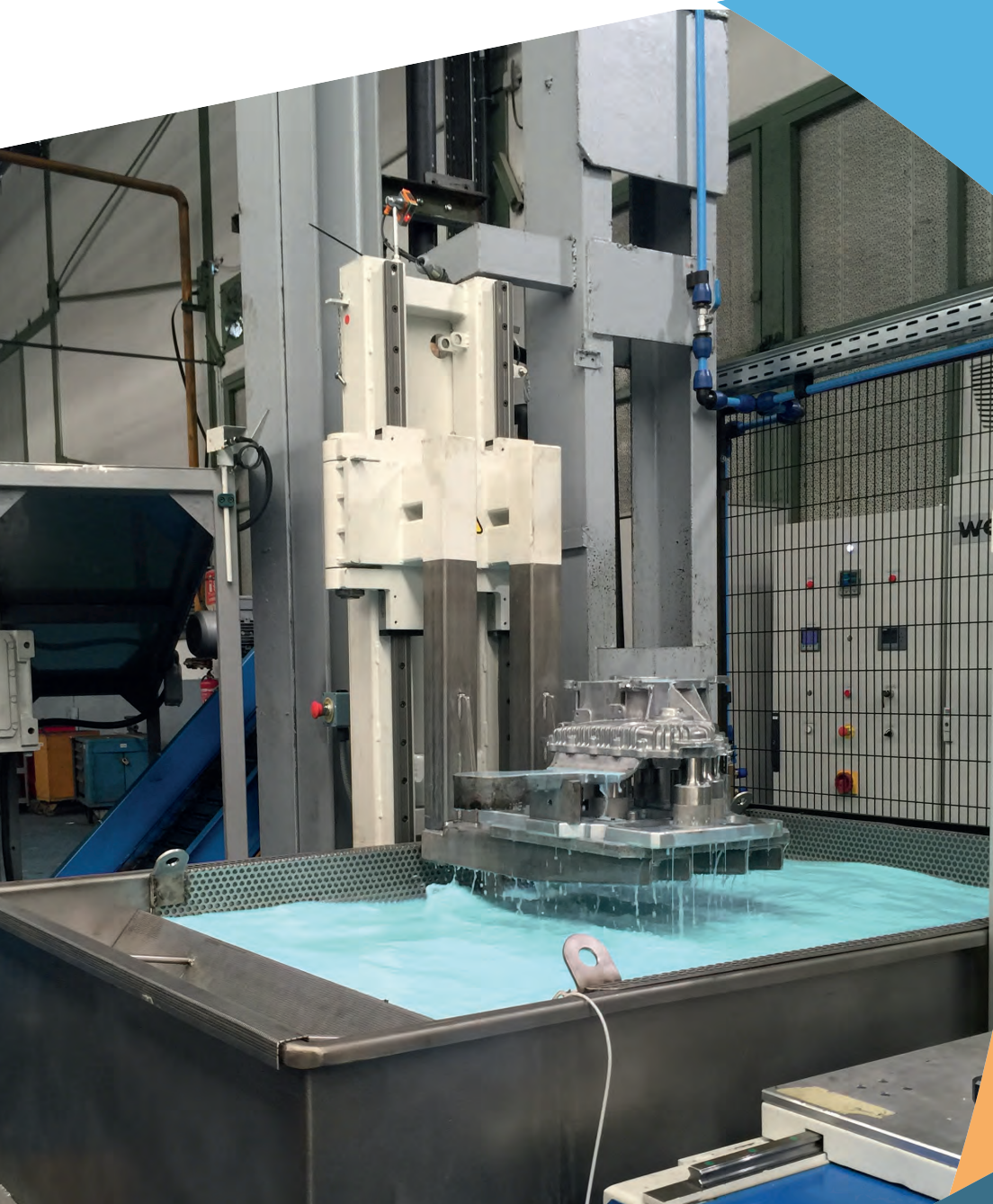


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AUTOMATION IN FOUNDRIES



LIFTER WHIT COOLING TANK

T-LIFT

LIFTER WHIT COOLING TANK

T-LIFT is an automatic lifting system for cooling aluminium parts. **T-LIFT** release the robot to implement different tasks during the same work cycle.

Intelligent cooling tank with temperature control and ultrasound level sensors.



The control cabinet has a **PLC SIEMENS S7-1200** with **four** resistive temperature inlets. It also has a control touch screen to view the parameters and to handle the lifter manually.

T-LIFT can lift up to **50 Kg** load and has a pneumatic locking and a **pneumatic operation with check valves** to avoid and uncontrolled lowering.

Characteristics of the system **T-LIFT**

- AIS 316 stainless steel cooling tank.
- Useful lift + piece in AIS 314 stainless steel.
- **Parts elevator rotation system.**
- Removable interior basket for maintenance.
- Electrical panel with temperature control via S7-1200 PLC with Profi-bus connectivity and touch screen control.

T-LIFT allows to turn easily the lifting blades manually in order to remove the waste basket from the inside of the tank to enable its maintenance.



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