



TM 7500

Automatic feeding unit



Werner Wirth Systems and the Tutankhamun Principle

What has the Egyptian Pharaoh Tutankhamun got to do with moulding technology? – It is quite simple: His mummy remained intact for thousands of years because it had been protected against harmful influences. In line with the Tutankhamun Principle, Werner Wirth Systems protects your electronic components for a short eternity against moisture, fluctuations in temperature, corrosion and shocks and vibrations. The name Werner Wirth Systems signifies innovative moulding materials, engineering services of the highest level and individually adaptable processing machines for mould casting.

The TM 7500 series resin feeding system for melting units

This new generation of thermotechnically decoupled resin feeding systems represents an outstanding solution offering maximum comfort!

This resin feeding system for hotmelt moulding was designed for simple and clean filling of melting units. The outstanding feature of this feeding unit is that it is thermotechnically decoupled, a feature that gives it a clear edge over anything the competition has to offer. This feature has the advantage of preventing any resin residues sticking in the filling area.

The system is controlled either independently via capacitive sensors or via a connection to the moulding unit's own technology. When necessary, the smelting tank's level monitoring system transmits a signal to the control, which then triggers a time or level-controlled filling cycle. The system monitors the resin stock and the filling process, stops automatically in the case of an error and activates an appropriate message. Communication is effected via an I/O interface. This is a particularly material-friendly process as resin is only fed into the integrated material bunker via a suction tube in the right amounts and only when required. A level control in the material bunker prevents the smelting unit from ever completely running out of resin.

Product properties

- + Time saving due to automatic feeding
- + The tank is full for the whole length of the operating process
- + Overfilling cut-out
- + Complete thermo decoupling between the resin store and the materials being smelted
- + Consistent temperature because it is not necessary to open the cover.
- + Material protection thanks to the closed system

The system is produced in Germany in compliance with all applicable standards of quality. Our service is also "made in Germany": The Werner Wirth on-site service and our 24-hour hotline are always at your disposal.



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Ideas against failures – made-to-measure component protection