



# TM 1100

Moulding unit tank technology



### **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.

### **TM 1100 series**

We developed this hotmelt smelting unit especially for the processing of moulding materials in line with the Tutankhamun Principle. It is integrated into standard machines from Werner Wirth Systems as well as into complex production lines that range from stand-alone to in-line operation systems. The tank is easy to clean thanks to its round design and non-stick coating. Accurate heat control for the pre-melter unit, tank, pump area, hoses and heads all guarantee continuous and material-friendly processing. The pneumatic return flow module and the high-precision gear pump ensure that the quality of the material remains constantly high. The microprocessor-controlled operating units guarantee repeatability of quality for all moulding parameters.

The self-optimising PID temperature control unit with its digital display of targeted and actual values automatically generates an error diagnosis. Idle times can be avoided by using the weekly timer to set preheating times appropriately. Thanks to the integrated warm start sensors production can be continued with practically no delays after stops or breaks for maintenance work.

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.



**Werner Wirth Systems GmbH**  
Hellgrundweg 111  
22525 Hamburg  
Germany

Tel +49 (0)40 878 86 89-0  
Fax +49 (0)40 878 86 89-26

systems@wernerwirth.de  
www.ww-systems.de

**Ideas against failures – made-to-measure component protection**