

Chapter A6 Technical Specification

Specification VRC601

- Extruder-screw:	ø 32 mm
- Heating zones:	4
- Closing system:	servomotor /spindle
- Clamping force:	100 kN
- Time to heat up:	approx. 20 minutes
- Control:	Touchscreen Display
- Injection pressure:	0—250 bar
- Injection temperature:	0 - 280 °C
- Power supply:	3x (208-480V), 50/60Hz, 3,5kVA
- Compressed air:	6 bar, dry and oil free
- Machine dimensions:	W 1.000 mm / L 1.500 mm / H 1.750 mm
- Weight:	approx. 650kg
- Molding tool size :	H 2 x 60 / L 242 / W 150

KOLB VRC 601

with a single extruder screw, direct injection is equipped with 3 heating zones, it opens a whole new perspective for processing Hotmelt and different materials such as *Polypropylene, Polyurethane, Co-Polyamide, Co-Polyester, Santoprene, TPE, Elastollan, Hytrel* and many others.

The very compact design of this machine, with a sliding table and a quick-change tabletop system for the molding tools, is a novelty in this market. The modular construction allows integration in production lines. Heat up time is approx. 20 minutes, more than 20% lower energy requirements during the plastification, to traditional methods. The closing system, driven by servomotor is much faster than for example pneumatic systems and allows regulated, controlled clamping force. The machine has an excellent energy efficiency.