



MK 600 | MK 625 | MK 650

2- / 3- component mixing head with
high-pressure water rinsing system



AUTOMATED SEALING SOLUTIONS

MK 600 | MK 625 | MK 650

2- / 3- component mixing head with high-pressure water rinsing system

AREA OF APPLICATION

- Sensor-controlled 2- / 3- component mixing head with high-pressure water rinsing and dynamic mixing system, for use with liquid to highly-viscous polymer reactive materials for gasketing, glueing and potting

DESCRIPTION

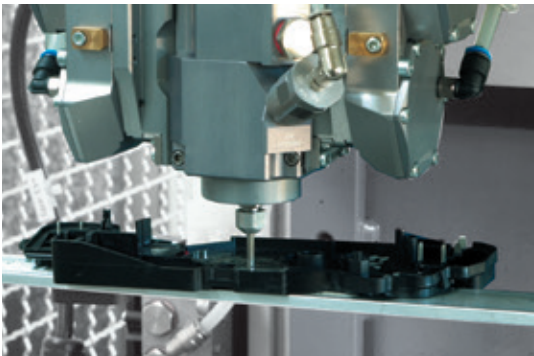
- High-pressure water rinsing device for the ecologically friendly cleaning of the mixing system
- Servo-pneumatically and hydro-mechanically regulated precision recirculation valves for a precise dosage
- Weight-reduced structure in modular configuration, anodised with blue-grey finish
- Size-optimised, functional design to provide maximum operating freedom
- Robust and maintenance-free design, made of a high-strength aluminium alloy and chrome steel
- Direct multi-level injection of components
- Electronically regulated stirrer speed; a special stirrer design allows materials to be handled smoothly
- High-pressure needle bar valves for injection of rinsing water
- Blast-air needle bar valves for the drying of the mixing system
- Anti-drip, maintenance-free "Stop-Drop DVS-3" nozzle-shutoff device with axially adjustable drive shaft
- Component rinsing (valid for non-reactive components)*
- Power transmitted directly or via flexible drive shaft

TECHNICAL SPECIFICATIONS

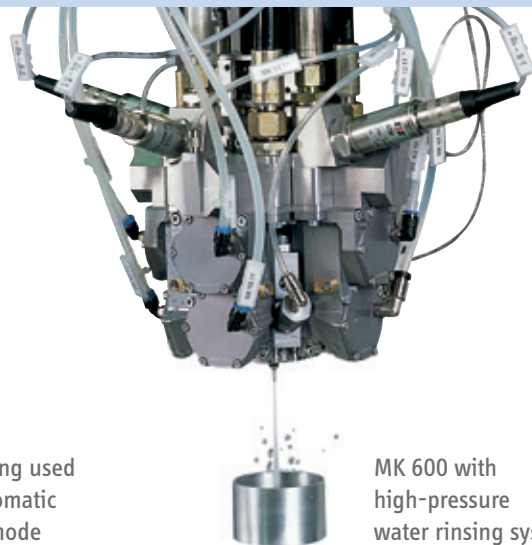
	MK 600	MK 625	MK 650
• Dimensions (H x W x D) 2-component mixing head:	235 x 200 x 130 mm	220 x 200 x 130 mm	182 x 160 x 148 mm
• Dimensions (H x W x D) 3-component mixing head:	235 x 200 x 175 mm	220 x 200 x 175 mm	182 x 160 x 178 mm
• Operating pressure:*	up to approx. 20 bar	up to approx. 20 bar	up to approx. 20 bar
• Output capacity:*	from 3.0 g/s to 100 g/s	from 0.2 g/s to 3.0 g/s	from 0.05 g/s to 0.2 g/s
• Dosing accuracy:*	approx. ± 1%	approx. ± 1%	approx. ± 1%
• Mixing head weight for 2-components:	approx. 5.9 kg	approx. 5.5 kg	approx. 2.5 kg
• Mixing head weight for 3-components:	approx. 7.1 kg	approx. 6.7 kg	approx. 3.0 kg
• Mixing ratio:*	from 100 : 1 to 1 : 100, infinitely variable		
• Selectable stirrer-speed:*	from 1 to 4.500 rpm or 1 to 6.000 rpm, infinitely variable		

OPTIONS

- Mixing head housing completely made of chrome-steel
- Customer-specific outlet nozzles
- Spray system
- Mixing head temperature control



MK 600 being used in fully automatic operating mode



MK 600 with high-pressure water rinsing system

* In dependence of the mixing ratios, material viscosities and the adaptation of pumps, tubes and mixing elements.

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