



MK 400 | MK 425

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



AUTOMATED SEALING SOLUTIONS

MK 400 | MK 425

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

AREA OF APPLICATION

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

DESCRIPTION

- High-pressure water rinsing device for the ecologically friendly cleaning of the mixing system
- Hydro-mechanically regulated precision recirculation valve for a precise dosage
- Can also be fitted with stub cables for use in glueing and casting operations
- Weight-reduced structure in modular configuration, anodised with blue-grey finish
- Robust and maintenance-free design in high-strength aluminium alloy and chrome steel
- Direct multi-level injection of components
- Electronically regulated stirrer turning speed; a special stirrer design allows to handle materials 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

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• Dimensions (H x W x D) 2-component mixing head:	240 x 260 x 175 mm	210 x 270 x 175 mm
• Dimensions (H x W x D) 3-component mixing head:	240 x 260 x 230 mm	210 x 270 x 230 mm
• Operating pressure:*	up to approx. 15 bar	up to approx. 15 bar
• Output capacity:*	from 0.3 g/s to 100 g/s	from 0.2 g/s to 3.0g/s
• Dosing accuracy:*	approx. ± 1%	approx. ± 1%
• Mixing head weight for 2-components:	approx. 4.6 kg	approx. 4.4 kg
• Mixing head weight for 3-components:	approx. 5.3 kg	approx. 5.0 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
- Mixing chamber spray system
- Mixing head temperature control



MK 400 being used in fully-automatic operating mode



MK 400 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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