

THE NEW PUROMAT

KraussMaffei
Pioneering Plastics



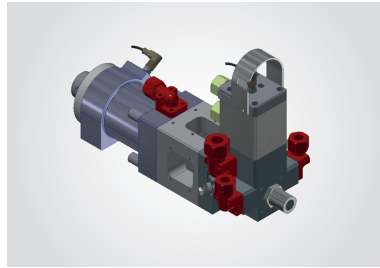
The easiest solution for
professional polyurethane processing.

HIGH LEVEL PUROMAT TECHNOLOGY FOR YOUR PROCESS

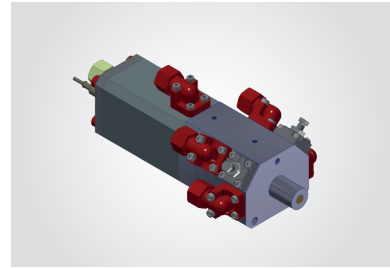
Mixing Heads

Your benefits

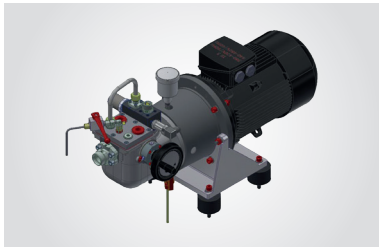
- Environmentally friendly due to self-cleaning
- Component nozzles are simultaneously opened and closed by the control edge of the control piston
- Pressure is set steplessly via the nozzle needle
- Minimal shot times, down to 1 s (depends on polyurethane system)
- Proportional technology extends the service life of the mixing head
- Low maintenance



Transfer



Linear



Pump type: KM-HPP xx HW-M1

Basic design

- Robust high-pressure pump for high-precision metering of reactive system components
- Piston pump with tried-and-tested swash plate design
- Stepless output adjustment, manual or optional automatic closed-loop adjustment
- Improved pump design for processing polyurethane components



Hydraulic unit

Advantage

- Integrated frequency converter
- Power 4 kW
- Integrated cooling
- Reduced oil quantity
- Sleep function reduces energy consumption by up to 80% compared to a traditional power unit

PUROMAT series

- PUROMAT40 (pumps: 16/16 l/min)
- PUROMAT60 (pumps: 16/40 or 40/16 l/min)
- PUROMAT100 (pumps: 40/40 l/min)
- PUROMAT150 (pumps: 40/80 or 80/40 l/min)
- PUROMAT200 (pumps: 80/80 l/min)

LOW UNIT COSTS AND EXCELLENT QUALITY IN HIGH-PRESSURE PU PROCESSING WITH PUROMAT MACHINES.

KraussMaffei PUROMAT high-pressure PU machines are a cost-competitive solution capable of processing all conventional foam systems. A relatively low investment in a PUROMAT gives you a robust basic machine that meets high product quality standards. Especially newcomers to PU processing will find with the PUROMAT a reliable and uncomplicated machine capable of operating with many different mixing heads. The complete PUROMAT machine is pallet-mounted for fast and easy installation. Order turnaround times are short, as the machines are based on standard modules.

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