

2 Komponenten Maschinenbau

Metering and Mixing Systems



Metering Unit for Processing of Adhesives
PolyMix 9020 / 9220



2KM Product linie PolyMix

The 2KM product line PolyMix was especially developed for the processing of pasty 2 component adhesives. A range of efficient and reliable machines offer an optimal solution for each case of application.

The PolyMix units are high-quality production machines whose powerful hydraulic actuation system centrally affects the pumps.

A modern PLC control with display enables entry of the machine and production parameters by means of a keyboard.

Both PolyMix systems are equipped with a multitude of control devices which make this systems rather safe production units. The working pressures, e.g., are permanently monitored. Metering of the A and B components is effected by means of two shovel-type piston pumps, with a constant mixing ratio of 1:1. Existing shearing forces respectively the chocking of barrel presses or follower plate is avoided by the centric order of the hydraulic cylinders and the metering pump as well as by a special hydraulic locking... This reduces wear of the aggregates and components.

Optionen 9220:

- ✓ Schwenkarm 2m (auf Wunsch auch Verlängerung bis 4 m)
- ✓ Balancer zur Gewichtsentlastung der Handpistole
- ✓ Umbausatz von 200 l auf 20 l Gebinde

The units offer the following advantages:

- ✓ Two-hands-safety control
- ✓ Service-friendly design with easy accessibility of all components
- ✓ Better king.kufe seakung systems in the pumps
- ✓ Function-safe outer valves
- ✓ Safety against lack of material and overpressure
- ✓ Options for individual adaption of customer-specific facts
- ✓ CE Conformity
- ✓ Barrel emptying control
- ✓ Metering from static mixer, without flushing agent

Technical Data

	9020	9220
Capacity		
Mixing Ratio	1 : 1	1 : 1
Follower Plate diameter 20 L	28	28
Follower Plate diameter 200 L		57
Consumption/Connections		
Actuation	hydraulic	hydraulic
Pneumatics Connection	R1/4" -8 bar	R1/4" -8 bar
Air Consumption	low	low
Voltage Connection	400V 2,2kW	400V 2,2kW
Dimensions/Weight		
Space needed in cm	106 x 60 x 190	142 x 125 x 230
Weight in kg	400	900