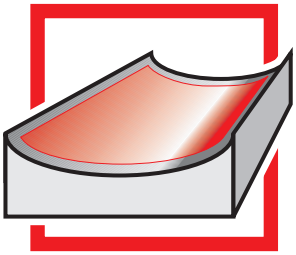
Metering & Mixing Systems

PolyMix 1000/2000

PolyMix 2000

PolyMix 1000 3K

Electrically actuated metering unit for the processing of high-viscosity EP and PUR bonding paste



PolyMix 1000/2000

Technical Data

Viscosity	1.000.000 mPas
Processed quantity	up to 10 l/min (PolyMix 1000) up to 20 l/min (PolyMix 2000)
Mixing ratio	variable, from 20:100 over 100:100 to 100:20

Consumption / Connections

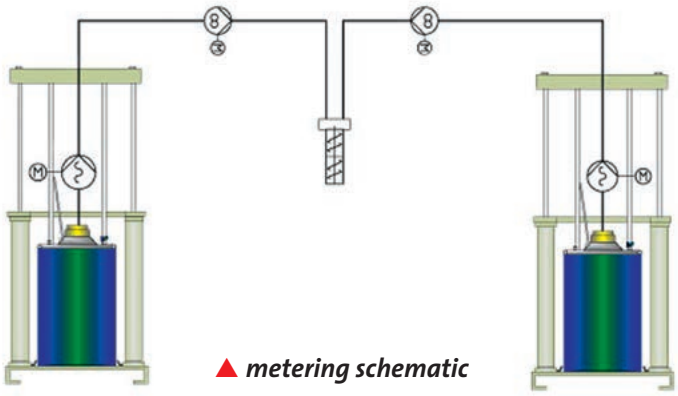
Material supply	pneumatic barrel press progressive cavity pump
Electric	11.5 kW, 400VAC, 50Hz,PE, max. 32A (PolyMix 1000) 16 kW, 400VAC, 50Hz,PE, max. 64A (PolyMix 2000)
Pneumatic	R1/4“, 6bar (consumption: low)
Weight	approx. 1,100kg
Dimensions	(3,000 x 1,210 x 2,200) mm [L x W x H] Floor space excluding swivel arm

Advantages

- Pulsation-free metering by means of gear pumps
- Spindle flow volume counter for control and automatic readjustment of the mixing ratio
- Easy operation
- Low maintenance
- Process data collection

Options

- Varnishing in special colour
- Additional 2nd B-component as 3C-unit to speed up the material processing



▲ *metering schematic*

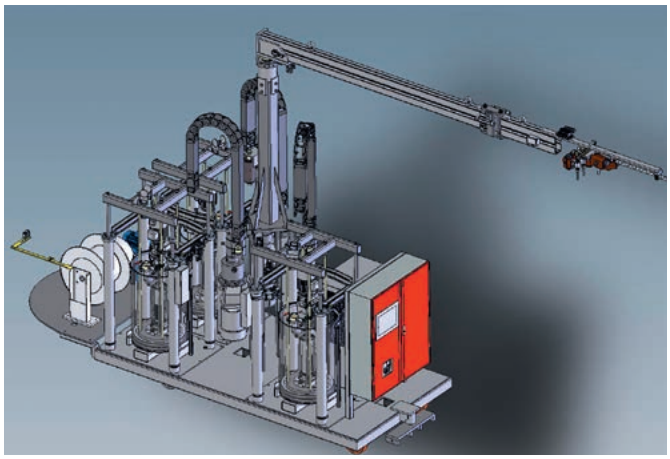
Highest performance with 2KM 4-pump-technology.

Robust and highly approved metering system for the bonding of blades for the windpower industry.

Progressive cavity pumps feed the material pressure-regulated directly out of the 200l drums to the gear metering pumps. Based on this fact the gear pump performs with highest efficiency with regard to precision and wear. Output range and mixing ratio may be adjusted variably.

◀ *user panel*

▼ *PolyMix 1000 3K*



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