

2 KOMPONENTEN MASCHINENBAU

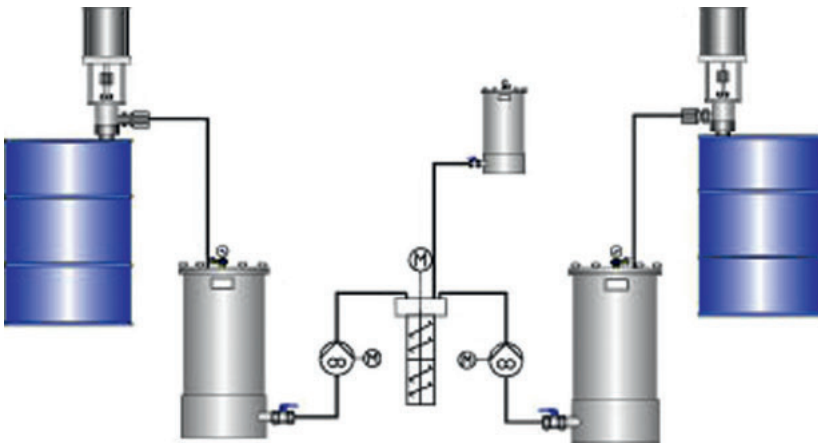
METERING AND MIXING SYSTEMS



PGM GelCoat

Electrically actuated Metering Unit
for the Processing of Low-viscosity Epoxy Resins





Control

- Robust and highly approved metering unit for the production of top coats for blades.

Bunghole pumps feed the material components directly from the 200 l vats into the intermediate vessels where gear pumps meter the materials according to the set mixing ratio. Both the output capacity as well as the mixing ratio may be adjusted variably.

Technical Data

Viscosity:	approx. 100.000 mPas
Capacity:	up to a maximum of 11 l/min
Mixing Ratio::	variable

Consumption / Connections

Material Supply::	pneumatic bunghole pump gear pump
Electric:	5 kW, 400VAC, 50Hz, PE, max. 16A
Pneumatic:	R1/4", 6bar (consumption: max. 70l/min)
Weight:	approx. 1,100kg
Dimensions:	(3,730 x 1,260 x 3,530) mm [L x W x H] Length of swivel arm mm

Advantages

- Pulsation-free metering with gear pumps.
- Volume counter for control and adjustment of the set mixing ratio.
- Dynamic mixer for the best possible material performance.
- Easy operation and low demand on maintenance.
- Process data acquisition.

Options

- Centralized material refilling for supply into various basic units.
- Extra large intermediate material vessels for large metering volumes.
- Circulation of mixer flushing may be programmed variably.
- Mass flow meters for gravimetric metering control.

Subject to alteration!