



DOPAG metering and mixing system for rapid tooling TOOLING-MIX V200

The TOOLING-MIX has been specifically designed and developed for rapid tooling applications, either for use with resin spraying systems or with modelling pastes.

Twin 200 litre size pumps feed both components directly from their original containers to the VOLU-MIX metering and mixing unit where they are proportioned and pre-mixed using volume counter technology prior to entering the steel static mixer.

An MR20 metering computer controls, monitors and initiates alarms for all important operational functions.



Features and benefits

- Portable
- Integrated transfer pumps
- Integrated swing arm with lifter
- VOLU-MIX metering principle
- Variable mixing ratio, normally 1:1
- Continuous metering ratio checking
- Pressure control
- Up to 4 l output per minute
- Choice of one component or solvent purge
- Metering computer MR20
- Pot life control
- Level control system
- Steel static mixer



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Technical Data

Viscosity range	100,000 - 1,000,000 mPa s
Pressure ratio	28:1
Metering ratio	variable, normally 1:1
Maximum flow rate	up to 4 l/min
Air inlet connection	1/2" BSP
Maximum air inlet pressure	6 bar
Max. air consumption	900 NI/min
Container size	2 x 200 l
Power supply	230 V / 50 Hz
Dimensions (L x W x H)	approx. 2000 x 1750 x 2750 mm
Weight	approx. 880 kg

Function

Both components are fed directly from their original 200 litre size drums by twin post ram mounted pumps that feed the materials separately to the VOLU-MIX volume counter based metering and mixing system, where they are proportioned and pre-mixed before being dispensed via a static steel mixer assembly.

An MR20 metering computer controls the entire process of the machine and all safety aspects as well as displaying user information such as material consumption, actual output rates and the metering ratio.

Equipment

Standard

- Portable chassis
- Twin ram mounted drum pumps
- Two hand safety operation
- Level control
- Solvent flush pump
- Swing arm with lifter
- VOLU-MIX metering and pre-mix system

- MR20 computer
- Continuous material status monitoring
- Static steel mixer
- Choice of single component or solvent flushing modes
- Application hose

Options

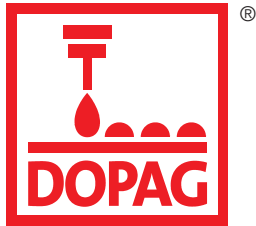
- Follower plate, pump and hose heating
- Coriolis mass flow meters



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The Hilger u. Kern / Dopag group, with more than 300 employees and 7 subsidiaries, is one of the leading manufacturers of machines for metering and mixing systems in the world for plural component polymers and single component media such as greases, oils and pastes. For more than 30 years the group has developed machines, systems and components to suit your individual needs.