



# DOPAG Metering and Mixing System for medium to high viscosity media VISCO-MIX H200

The VISCO-MIX H200 is a hydraulically powered two component, high quality metering and mixing system suitable for processing medium to high viscosity materials at an variable mixing ratio.

Particularly suitable for sealing and bonding applications in the transport and insulated glass industries that require a continuous material supply.

The material supply with the base component is pumped directly from standard 200 litre size drums. The hardener is fed directly from 30 litre size drums or by pressure vessel.



## Features and benefits

- Compact size
- High contact pressure with high viscous media
- Pressure control with digital membrane pressure manometer
- Variable mixing ratio
- PLC control unit
- Static mixer with removable mixing elements
- No solvent flushing



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## Technical data

Viscosity range	up to 2.5 Mio. mPa s
Metering ratio	5:1 to 20:1 (volume)
Flow rate	up to 2.5 l/min per 20 cycles, depending on the viscosity
Air inlet pressure supply	6 bar
Air inlet connection	1/2" BSP
Air consumption	300 l/min
Drum size	A component 200 l B component 30 l / pressure vessel
Power supply	400 V / 3 Ph / PE
Dimensions (L x W x H)	approx. 1800 x 1200 x 2470 mm
Weight	approx. 700 kg

## Function

Both the base and hardener materials remain separate until they reach the static mixing system, where they are homogeneously mixed and dispensed through the dispensing gun.

After use, the static special mixing system is purged with base material to avoid material curing within the mixer system.

## Equipment

### Standard

- Chassis with casters
- Hydraulic drum pump P200 H with pneumatic twin post ram for base component
- Pneumatic drum pump P30 with pneumatic twin post ram for hardener component
- Lever system for mixing ratio adjustment
- Hydraulic power pack
- PLC control unit
- Pressure control with digital membrane pressure manometers
- Static special mixing system
- Dispensing gun

### Options

- Cantilever arm for fluid hoses
- Reinforced pump elevators for highly viscous
- Pressure feed container for hardener component
- Individual adaptation



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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.