

2C PISTON DISPENSING SYSTEM

mastermix XS and XS 2K

One technology, two mixing systems.

The mastermix XS processes 2C adhesives and sealants with piston technology at a fixed ratio of 5:1 or 10:1: the mastermix XS with trumpet mixer, the mastermix XS 2K with 2C material valve and static mixer.

5:1 or 10:1

Mixing ratio

max. 3,500 g/min*

Output rate

Piston pumps

Dispensing technology

* depending on viscosity

200 l and 20 l

Containers



COMMON TECHNICAL DATA

Output rate	max. 3,500 g/min*
A-side	hydraulic control
B-side	pneumatic control
Power connection	3 × 400 V + N + PE / 3.8 kW
Compressed air requirement	6 bar, 50 l/min
Dimensions L×W×H	1500 × 1000 × 1800 mm
Height with swivel arm	2500 mm
Standard swivel arm length	1900 mm
Standard hose length	2500 mm

*depending on material viscosity, temperature, material batch, etc.

OPTIONS FOR ALL VARIANTS

- Swivel arm extension
- Increased swivel arm height
- Longer hose packages
- Special paintwork
- Feed pump B component for 200 l drum (containers A/B 200 l/200 l)

COMMON STANDARD EQUIPMENT

- Siemens S7-1200
- Optical and acoustic pot life monitoring
- Material shortage monitoring
- Overpressure protection
- Follower plate with reduced residual quantities
- Two-hand safety control
- Drum empty signal with pump shutdown
- Maintenance-free pump sealing
- Dosage control
- Manual mixing ratio control
- Fixed mixing ratio 5:1 or 10:1, slightly adjustable
- 200 l A drum / 20 l B pail
- Optimized 200 l drum change (recesses in base plate for pallet truck)

Piston technology

A hydraulically driven shovel piston pump delivers the A component, a pneumatically driven shovel piston pump the B component. A metering pump, mechanically coupled to the hydraulic cylinder of the A side, adds the B component at a fixed ratio of 5:1 or 10:1.

Which mastermix XS fits your application?



mastermix XS

Article number 2222-0001-2000



mastermix XS 2K

Article number 2222-0003-1000

Use case	For edge sealing of insulating glass, mixed in the trumpet mixer	For 2C adhesives and sealants, mixed in the static mixer at the 2C material valve
Mixing technology	Trumpet mixer	2C material valve with static mixer
Weight	approx. 600 kg	approx. 650 kg

EQUIPMENT COMPARED

	mastermix XS	mastermix XS 2K
Basic rinsing possible	●	
2-component mixing valve		●
Purging pump	○	
Freezer including cooling brine	○	
Parking position with automatic purge shot		○

● Standard ○ Option

Equipment may vary depending on project requirements. Further options on request.

Mixing technology

The mastermix XS mixes both components in the robust trumpet mixer, designed for insulating glass production. On the mastermix XS 2K, the A and B components stay separate up to the 2C material valve and are only mixed in the static mixer.

Service

Spare and wear parts, maintenance and repair come directly from the manufacturer in Waldmohr, Germany.

Request quote

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Since 1998 mixing and metering technology · Developed and built in Germany

Subject to technical changes.



Details and quote online