

MM R2020R and MM R20020R 10:1 MM R2020R and MM R200200R 1:1



This technical data sheet is valid for all MM R2020R, MM R20020R and MM R200200R continuous bulk dispensing equipment, manufactured by Mayer & Mayer HandelsgmbH, Gewerbeweg 16, 7411 Markt Allhau, for dosing of EBS Acralock structural adhesives, ratio 10:1 and 1:1, out of standard straight headed 20 l pails or 200 l drums.

The MM bulk dispensing machines are specially optimized for the use of structural MMA adhesives from EBS, LLC, where the robust, long leaving and easy to maintain design will lead to a long term, trouble free, consistent adhesive application.

The MM bulk dispensing machines are available for:

- 20 l pail and 200 l drum packages (other packages on request)
- material viscosities up to 1.300.000 cps
- 10:1 and 1:1 ratios (other ratios on request)
- different output ranges (low to high)

ADVANTAGES:

- NO open containers
- all pneumatic drive unit
- continuous precise mixing
- chain drive gerotor proportioning pumps
- simple ratio change (gear change = ratio change)
- small and easy to handle
- simple to operate and maintain

TECHNICAL DATA`s:

- air pressure: 6 – 8 bar
- main air flow: 80 –100 m³/h
- main airline ID: > 12,5 mm

BASIC OPERATION OVERVIEW:

A pneumatic drive motor, powered by pure shop air, turns the adhesive and activator gear (= metering) pumps through a chain drive system.

These metering pumps are continuously in turn fed from adhesive and activator transfer pumps, also powered by compressed air.

In this way, component A and B are pumped separate, but in the pre adjusted ratio through a set of hoses to a dispensing gun, where on its gun outlet the two components are mixed together through a static mixer nozzle. So, the whole dispensing system requires no/very low cleaning.

The flow rate, steering the speed of application, is adjustable by the speed of the pneumatic drive motor.

Technical Data Sheet

Continuous Bulk Dispensing Equipment

EQUIPMENT OVERVIEW:

MM R2020R LOOP 10:1
MM R2020R STOP 10:1
MM R20020R LOOP 10:1
MM R20020R STOP 10:1
MM R20020R HIOP 10:1

MM R2020R LOOP 1:1
MM R2020R STOP 1:1
MM R200200R LOOP 1:1
MM R200200R STOP 1:1
MM R200200R HIOP 1:1

- ➔ **LOOP** = **LO**w **OutPut** versions, 0,1 – 1,0 l/min
- ➔ **STOP** = **Standard OutPut** versions, 0,5 – 1,5 l/min
- ➔ **HIOP** = **HI**gh **OutPut** versions, 1,5 – 5 l/min

BASIC MACHINES:

- all components/fittings made of stainless steel
- stainless steel transfer pumps
- stainless steel gear pumps
- double post ram devices
- mobile unit on castor
- 8 m hose package out of 5 m transfer hose and 3 m flexible whip lines with XDS 2004 gun (20 l pail units) and BW 10xx-05 gun (200 l drum units)
- low level sensors
- boom device for easier hose supply

All assembled parts are made from well know high quality suppliers like Ingersoll Rand, Parker, VSE, Zenith and others.

OPTIONS:

- length and diameter upgrade for special customer requirements
- other mix ratios on request
- mixer solvent flush device for HIOP machines
- combo machines with DX refill option
- upgrades for dispensing PU`s and Epoxies

APPLICATION GUNS:

LOOP and STOP versions are equiped with the GSMFG XDS 2000 gun including an adapter for the famous Sulzer Mixpac F system static mixers. All other mixer machine mixer types can also be used with a special adapter.



XDS 2004G with F – system static mixer



BW 1010-05 gun

HIOP versions are equiped with the GSMFG BW 1000 gun where all standard big volume static mixers and the special MM reusable mixer system can be fitted.

