

### Mayer & Mayer DX series

#### System description

The Mayer DX dispensing system is primarily designed for low to medium volume 2-component bonding and sealing applications, suitable for a wide range of viscosities. It combines the economics of bulk container supply with the undisputed advantages of accurate „Point of Application Metering“ and mixing. The MAYER DX series dispensing system is the ultimate tool for assembly lines and for mobile applications where cartridge systems are too costly and fully integrated supply systems not yet justifiable. The units are of sturdy construction, compact, low weight, ergonomically designed and extremely easy to operate.



#### The system comprises:

##### Refillstation DXR

The DXR Fill station is specifically designed to make component refilling a most simple, clean and safe operation. The station contains two air operated barrel pumps with follower plate each mounted to a pneumatically operated lifting device. The unit has a specially designed quick coupling system with fully tight check valves. All functions are pneumatically operated which makes the system ideal for almost all working environments. The DXR has a base plate with lockable caster wheels. The DXR Fill station can accommodate common bulk containers such as pails, hobbicks and small drums.

The refill station contents 3 main parts:

- 1 x DXR Fillstation
- 2 x PDX Barrel Pumps
- 2 x FDX Follower Seal and Support Rings

They will be selected according the material to be metered. Depending on the application may also be selected between EPDM and FFKM seals.



#### Dispenser DXH

The DXH dispenser features two transparent refillable component containers with pneumatically assisted press-out pistons. For accurate dispensing of a fixed ratio of the components the unit has two integrated air driven metering pumps. The component outlet ports are fully separated assuring complete cross contamination free product dispense. A selector switch allows to set either continuous- or shot- dispensing mode. Other features include an ergonomically designed handle with dispensing trigger, a bracket for suspension mounting, integrated air tight component fill ports, air pressure regulator and comprehensive safety package.

The Dispenser is available in different standard and special mix ratios. In addition, according the material to be metered, container material PP or PA12 and seal material EPDM or FFKM can be selected.



##### Dispenser Model DXBG and DXBS

#### stand mounted version, suitable for self-flowing, low viscosity 2-component Products

The DXBG dispenser features two large refillable component containers set above the metering unit. For accurate dispensing of a fixed ratio of the components the unit has integrated air driven metering pumps. The component outlet ports are fully separated assuring complete cross contamination free product dispense. A selector switch allows to set either continuous- or shot- dispensing mode. The unit is mounted on a sturdy stand and can be adjusted in height and for dispensing angle. For dispensing start the unit is equipped with a foot pedal.

The Dispenser is available in different standard and special mix ratios. In addition, according the material to be metered seal material EPDM or FFKM can be selected.



#### Safety Shroud for static mixers

The DXH dispensers are equipped with the Sulzer Mixpac F System. To be able to fix the static mixers, the safety shroud MF has to be used for CE conform handling. The type depend on the finally chosen static mixer (diameter & length).



### Optional **NEW** Features!

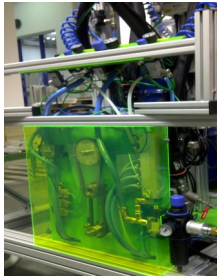
- DXR: 200 l drum equipment
- DXH and DXBG: Spray Version
- DXBG: PU kit and Agitator kit
- DXBG - HV: High Viscosity version
- DXBS: Small Economic DXB
- CFS: Cartridge Filling stations



### Mayer & Mayer R series

#### System description

The MAYER MM-R series dispensing system is primarily designed for low to high volume 2-component bonding and sealing applications, suitable for a wide range of products and viscosities. It combines the economics of bulk or drum container supply with the undisputed advantages of accurate „Point of Application Metering“ and mixing. The MAYER R series dispensing system is the ultimate tool for assembly lines where a continuous metering and dispensing is necessary and an extremely easy to use operation in harsh environment is required.



#### Function

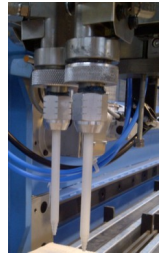
A pneumatic drive motor, powered by pure shop air, turns the adhesive and activator gear (= metering) pumps through a chain drive system. These metering pumps are continuously in turn fed from adhesive and activator transfer pumps, also powered by compressed air.

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 disposable 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

#### Features

- 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



#### Basic Machines

- All components/fittings made of stainless steel V4A grade
- Stainless steel transfer pumps
- Stainless steel gear pumps
- Standard gearwheel dispensing gun
- Double post ram devices
- Mobile unit on castor
- 8 m hose package
- Low level sensors
- Swivel boom device for easier hose supply

#### Options

- Different outputs available
- Different ratios available
- Highoutput guns and robotic heads
- Heated material hoses
- Heated rams and pumps
- Special versions on request
- Kombo machines for multiple use: Dispensing  
DXH refill

#### Available Standard Equipment

- MM R20 Equipment for dispensing out of 20 l pails
- MM R200 Equipment for dispensing out of 20 l pails

- MM R20 Kombo for dispensing and DXH refilling out of 20 l pails
- MM R200 Kombo for dispensing and DXH refilling out of 200 l drums

