

CM

140 / 14
140 / 18
245 / 9

series

HYDRAULIC DRIVEN
POLYURETHANE
METERING UNIT

CompoMix

The CompoMix series can meter polyurethane at a maximum pressure of 140 and 245 bar respectively, with an output of 14, 18 and 9 kgs/min. They are perfect machines for bigger operators in the field and in plant for all pour and spray jobs. The CM 245 has been especially designed to spray and pour coatings of the latest generations. The CompoMix machines are built to the highest european standards of quality.



 **Elastisol**
B E N E L U X

CM 140 / 14 140 / 18 245 / 9 series

HYDRAULIC DRIVEN POLYURETHANE METERING UNIT



TECHNICAL DATA CM 140/14 140/18 245/9

Maximum output:

- CM 140 - 14 kgs/min*
- CM 140+ - 18 kgs/min*
- CM 245 - 9 kgs/min*

Maximum pressure:

- CM 140 - 140 bar, 2000 psi
- CM 140+ - 140 bar, 2000 psi
- CM 245 - 245 bar, 3500 psi

Weight: 450 kgs

Dimensions: 130 x 110 x 75 cm.

Electrical:

- HD 140 - 220-380 V/3ph 50/60 Hz.
- HD 140+ - 220-380 V/3ph 50/60 Hz.
- HD 245 - 220-380 V/3ph 50/60 Hz.

**Depending on viscosity and working pressure.*

THE STANDARD FEATURES OF THE CM SERIES ARE:

- **Motor** of 5 or 7,5 hp, driving a pressure compensated hydraulic pump which moves two double acting pumps that reach 140 and 245 bar of working pressure.
- **Piston metering pumps.** The CM series are equipped with fixed ratio. Positive displacement double acting piston pumps.
- **Overpressure Protection.** When a overpressure situation occurs, overpressure safety switches on each pump, deactivate the hydraulic motor.
- **Primary heaters.** Each of the 6,000 Watt preheaters instantly warms the material to the desired temperature.
- **Hoses.** See our "Heating supplies hose" documentation
- **Automatic temperature control.** The machines are equipped with automatic systems that control the working temperature. These systems maintain stable temperature of the chemicals to within $\pm 2^{\circ}\text{C}$.
- **Self flushing packings.** The pump shaft is bathed in a lubricating rinse to protect it from hardened isocyanate. This extends the life of the pump seal and reduces maintainance.
- **Pump retract** positions the isocyanate piston within the cylinder to prevent crystallisation and provide longer pumppacking life.
- **Circuit breakers** protect the electrical circuitry of the machine against overload.
- **Externally accessible valves.** Remote pump bases allow for easy pump maintenance and serviceable valves.
- **In-line filters** protect valves and gun component from contamination or solid particles in the chemicals.
- **Material supply valves** allow quick opening/closing of the material supply.
- **Guns.** Spray- and pour guns in a wide range are available.