

# MS HIGH PRESSURE MACHINE FOR BICOMPONENT RESINS

VARIABLE RATIO

THERMAL INSULATION

WATERPROOFING

COATING



The machine MS doses, mixes and dispenses with high pressure, by adopting as the standard self-cleaning mixing heads.

*It born from our experience in the field of spraying, pouring and injection of bi-component materials; it is therefore proposed as a solution designed and built to make the final operator's work practical and productive.*

It is an extremely versatile machine, suited to different fields of use: rigid and flexible foams, adhesives, filled products, coating with elastomers, polyurea and RIM. Small size, high reliability (high quality of all the components used), hydraulic drive system, are the strong points that allow a high-level working standards combined with ease of handling.

The equipment is equipped with all the devices useful to work safely protecting the machine and the operator.

**Reliable, cost effective, high productivity.**

- ➔ ENERGY SAVING
- ➔ REDUCED AND EASY MAINTENANCE
- ➔ OPTIMIZED TEMPERATURES AND PRESSURES
- ➔ OVERSPRAY REDUCTION
- ➔ WITHOUT FEEDING PUMPS

# MS

## FEATURES & TECHNICAL INFORMATIONS

RIGID & FLEXIBLE FOAMS

POLYUREA

RIM

ADHESIVES

FILLED PRODUCTS

ELASTOMERS

MODEL	DIMENSIONS mm	OUTPUT Kg/max	WEIGHT Kg
> MS K03	1200x1550x800	3	290
> MS K06	1200x1550x800	6	310
> MS K09	1200x1550x800	9	320
> MS K12	1200x1700x800	12	340
> MS K15	1200x1700x800	15	350
> MS K18	1200x1700x800	18	370
> MS K20	1200x1700x800	20	380

### MIXING HEAD HMG

Pneumatic delivery system  
Manual trigger  
Self-cleaning by air  
Mixing chamber washable also with fluids  
Multifunction dispensing\* (spraying, casting, injection)  
Easy maintenance and replacement parts  
*\* with special accessories*

### FLUID HANDLING AND PUMPING

High pressure pumps  
Mixing ratio easy change  
Components sucked directly from drums  
Simple and direct ratio check and direct relationship  
Hydraulic movement  
Working pressure up to 150 bar

### COMPONENTS HEATING

Independent heating for each component  
Through online exchangers (power versus flow)  
Single component temperature control via Control Panel

### HOSES

High pressure type  
Length up to 90, Standard sets 15-30-45-60-90 m  
Hoses' diameters depending on outputs  
Low-voltage electrical system for maintaining the temperature of the components also with the maximum output

### SAFETY

Auto Stop devices in the event of failures  
Protections for mechanical parts  
Electric protections  
Digital Pressure gauges with separator  
Raw materials 3 filtering stages (barrels, in line, at head) for max reliability



1. Mixing head HMG



2. High pressure pumps



3. Heat exchanger and filter



4. Overpressure Safety Gauge with divider

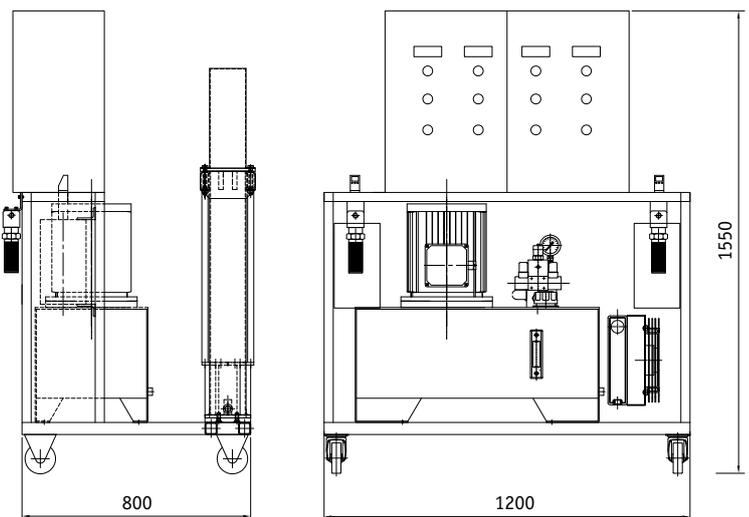


5. Spray foam (under-roof PUR)



6. Spray coating (Polyurea application)

### MS K09 STANDARD LAYOUT



REFERENT FOR YOUR AREA

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