



Machines and plants for **Polyurethanes and Resins**

ENGINEERING AND MANUFACTURING OF SPECIAL MACHINES

www.magmamachine.it



Hot Spray

SPRAY AND POUR FOR THERMAL INSULATION AND WATERPROOFING

› RIGID & FLEXIBLE POLIURETHANE FOAMS › POLYUREA › ELASTOMERIC COATING › ADHESIVES › FILLED RESINS › RIM



MS

- ✓ **HYDRAULIC MACHINE**
- ✓ **HIGH PRESSURE**
- ✓ **VARIABLE RATIO**
- ✓ energy saving
- ✓ overspray reduction
- ✓ optimized temperatures and pressures
- ✓ reduced and easy maintenance



MS-LC

- ✓ **HYDRAULIC MACHINE**
- ✓ **HIGH PRESSURE**
- ✓ **FIXED RATIO**
- ✓ energy saving
- ✓ overspray reduction
- ✓ optimized temperatures and pressures
- ✓ reduced and easy maintenance



MS SMART

- ✓ **PNEUMATIC MACHINE**
- ✓ **HIGH PRESSURE**
- ✓ **FIXED RATIO**
- ✓ energy saving
- ✓ overspray reduction
- ✓ optimized temperatures and pressures
- ✓ reduced and easy maintenance

Blocks in discontinuos

PLANTS TO PRODUCE BLOCKS

› RIGID FOAM › FLEXIBLE FOAM › PHENOLIC FOAM



MB

- ✓ **FOR RIGID AND FLEXIBLE POLYURETHANES**
- ✓ **FOR PHENOLIC RESINS**
- ✓ **EASY INSTALLATION**
- ✓ pneumatic cylinder or electric pumps
- ✓ automatic refilling reservoirs
- ✓ squaring moulds
- ✓ solvents unnecessary
- ✓ unlimited number of components

Agglomerates

RECYCLING AND RESINATING PLANTS

› FLEXIBLE FOAM PROCESSING'S WASTE › RUBBER GRANULE



MR-C01 & MR-C02

- ✓ **HIGH PRODUCTIVITY**
- ✓ **PRODUCTION PROCESS COMPLETELY AUTOMATIC**
- ✓ **WIDE CUSTOMIZATION POSSIBILITIES**
- ✓ electronic components control
- ✓ possible color change
- ✓ resin rubber granule (resin tapping, resin finish)
- ✓ wide output range

Medium and low pressure

MACHINES TO DOSE AND DISPENSE

> RIGID & FLEXIBLE POLIURETHANE FOAMS > ADHESIVES > ELASTOMERS > FILLED RESINS > RESINS FOR CASTING > RIM



ME

- ✓ LOW PRESSURE
- ✓ POUR AND SPRAY PROCESSING
- ✓ fixed and/or variable ratio
- ✓ wide range of ratios
- ✓ gear pumps + inverter
- ✓ flow meters
- ✓ continuous recycling up to dispenser
- ✓ output from 0,15 kg to 12 kg
- ✓ less maintenance



MP & MP-TR

- ✓ MEDIUM PRESSURE
- ✓ PURE AND FILLED BI-COMPONENT RESINS
- ✓ SUITABLE FOR VACUUM PRODUCTION
- ✓ variable ratio
- ✓ gear pumps + inverter
- ✓ flow meters
- ✓ continuous recycling
- ✓ output from 0,3 kg to 15 kg
- ✓ 40 bar into dynamic mixer (MP-TR)
- ✓ less maintenance



MC

- ✓ LOW PRESSURE
- ✓ SHOT DISPENSING
- ✓ RESIN CASTING
- ✓ fixed and/or variable ratio
- ✓ wide range of ratios
- ✓ cylinder dosage or plunger piston
- ✓ pressurized or vacuum tanks
- ✓ in line integration
- ✓ flow rate output on demand
- ✓ less maintenance

Spray and Pour

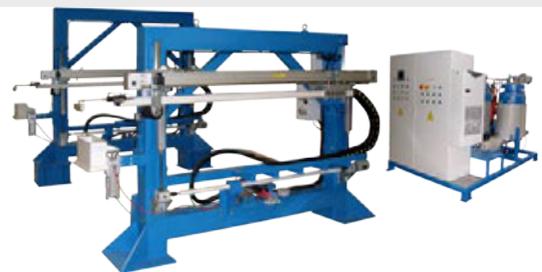
PORTIONING, DOSING, DISPENSE OF ADESIVE AND RESINS

> ADHESIVES > RIGID & FLEXIBLE POLIURETHANE FOAMS > HARD COMPACT PRODUCTS OR ELASTOMERIC > PIR FOAM



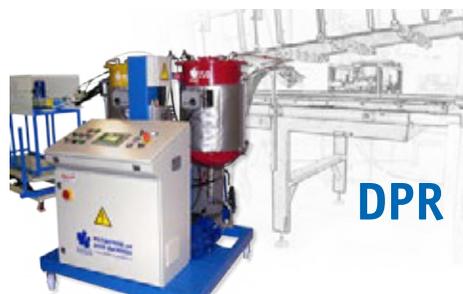
MGP1

- ✓ HIGH, LOW OR MEDIUM PRESSURE
- ✓ ADHESIVES, FOAMS, ELASTOMERS DISPENSING
- ✓ MONO OR BI-COMPONENT
- ✓ gear pumps or piston pumps
- ✓ tanks heated or cooled
- ✓ head transfer on demand
- ✓ components recycling
- ✓ output on request
- ✓ in line integration



MGP2

- ✓ MEDIUM PRESSURE
- ✓ ADHESIVES, FOAMS, ELASTOMERS DISPENSING
- ✓ MONO OR BI-COMPONENT
- ✓ gear pumps + inverter
- ✓ tanks heated or cooled
- ✓ head transfer 1200/1600 mm with double harm
- ✓ components recycling
- ✓ output on request
- ✓ in line integration



DPR

- ✓ PIR FOAM ADHESION PROMOTER DISPENSER
- ✓ THIN FILM DISTRIBUTION
- ✓ MONO OR BI-COMPONENT
- ✓ high precision dosing unit
- ✓ output from 200 to 700 cc/min (each line)
- ✓ components recycling
- ✓ 3 possible layouts: single harm, double harm, bridge
- ✓ in line integration



Machines and plants for Polyurethanes and Resins

From mattresses to transformers, from insulation to waterproofing, from set design to boating, from the consolidation of trains' ballast to motorcycle air filters, from machine for pultrusion plants to those for production of polyurethane's blocks, to the agglomerate coloring line, from sandwich panels for clean rooms to soundproofing panels: we make machines that manufacture your products.



Engineering and manufacturing of special machines

Reliability, Custom tailoring, Service: three key words that lead our special machines' manufacturing process, conceived and realized to satisfy a specific requirements, perform a specific task, manufacture unique objects.



The perfect partner

Our mission is to support Companies in their core business, and in the global market. We owe our growth to companies that have choice us. We thank them putting professionalism in our job. Your problem is our problem. The solution is a must.

MAGMA machine

MAGMA OVERSEAS

We export in a lot of countries and we give value to proximity to client, meaning both as relationship's quality than geographical proximity: from this proximity often start projects and ideas that became solutions.

Our Technicians and Sales Engineers are at disposal for consultancy, teaching, spares production and new projects.

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