

micromix
INDUSTRIAL MIXERS



www.agipompe.com

The logo consists of the letters 'a', 'g', and 'i' in a stylized, lowercase font, each followed by a horizontal line. The letters and lines are white and set against a dark blue rectangular background.The word 'POMPE' in a bold, uppercase, sans-serif font. To the right of the text is a decorative graphic of several grey circles connected by thin grey lines, resembling a network or molecular structure.

ABOUT US

Born in the 60's for the construction and marketing of special pumps for industry, in the 90's **A.G.I. POMPE** focused on the distribution of pumps made by reliable international partners.

In 2014, with the entry into **Teknofluor Srl**, the previous technical experience was put at the service of the new dynamic commercial reality resulting from the merger between the two existing technical and commercial cores.

The products that you will find in this brochure are the best that technology can offer and that **A.G.I. POMPE** offers you with a complete and **quality** service, for the process industry, working and, more generally, for all industrial sectors.

All our products are distributed with the full commercial and logistical support of our partners, both in terms of pre-sales assistance and advice and for all the after-sales activity.

In particular, **repairs and maintenance** are carried out at our workshop in Milan, or, where necessary, directly at the manufacturers.

PRODUCTS

INDUSTRIAL MIXERS

A large, complex network of dark blue circles of varying sizes connected by thin dark blue lines, spanning the bottom half of the page. The circles are arranged in a way that suggests a global or interconnected network.



POMPE



MA180

DIAPHRAGM DOSING PUMPS

DESCRIPTION

The electric pump **MA180** is a model of volumetric pump with direct diaphragm. The membrane is mechanically moved by a movement of reciprocation that operates in an oil bath sump, together with a **speed** reduction endless worm drive, both driven by an electric motor. The mechanical part, from which only the shank which pushes the diaphragm comes out, and the head are separated and they are not interconnected, so that the pumped liquids are in contact only with the head itself, with the valves and the diaphragm. The electric pump **MA180** is specifically designed for applications in which, by choice or necessity, you can not use compressed air.

OPTIONS

Thanks to the availability of two gear ratios and to the possibility of installing engines with four or six poles, the pump **MA180** can be supplied in four different speeds and it's available in **two basic versions**:

1. With adjustable flow-rate with stroke length regulation and spring return, flow-rates range from 150 to 1600 liters/hour, maximum working pressure 1,5 Bar.
2. With fixed flow-rate with positive return rod, flow-rates range from 800 to 2400 liters/hour, maximum working pressure 1,5 Bar.

The second version has a higher suction capacity thanks to the positive return of the rod; than, it can also operate with products of a certain viscosity, particularly if it adopts the special EPDM diaphragm reinforced with canvas, which is also recommended with non-viscous liquids in case of need of a **greater efficiency** with pressure.



MAIN FEATURES

The direct diaphragm pump MA180, in addition to being **particularly suitable** for the transfer of **corrosive liquids** by virtue of the materials used for the head, the membrane and the valves, mainly provides the following undeniable advantages:

- **Self-priming**
- **Watertight without stuffing box or seals**
- **Dry run without any problem**
- **Possibility to vehiculate dirty liquids too**

M25-35

PISTON DOSING PUMPS

DESCRIPTION

The electric pumps Series **M25-35** are **volumetric plungers pumps**. The pistons are made of chemically and mechanically most resistant materials (ceramic and stainless steel, head in SS or PVC) and they are moved by a movement of reciprocation that operates in an oil bath sump, together with a speed reduction endless worm drive, both operated by an electric motor.

The mechanical part and the head are separated and are not interconnected, so that the pumped liquids are in contact only with the head itself, with the valves, the seals and the piston.

The pumps **M25-35** are designed for all those applications in which, by choice or by necessity, it is not possible to make use of the compressed air. Thanks to the availability of two reduction ratios, the pumps **M25-35** can be supplied in **two different speeds** and are offered in multiple basis versions.



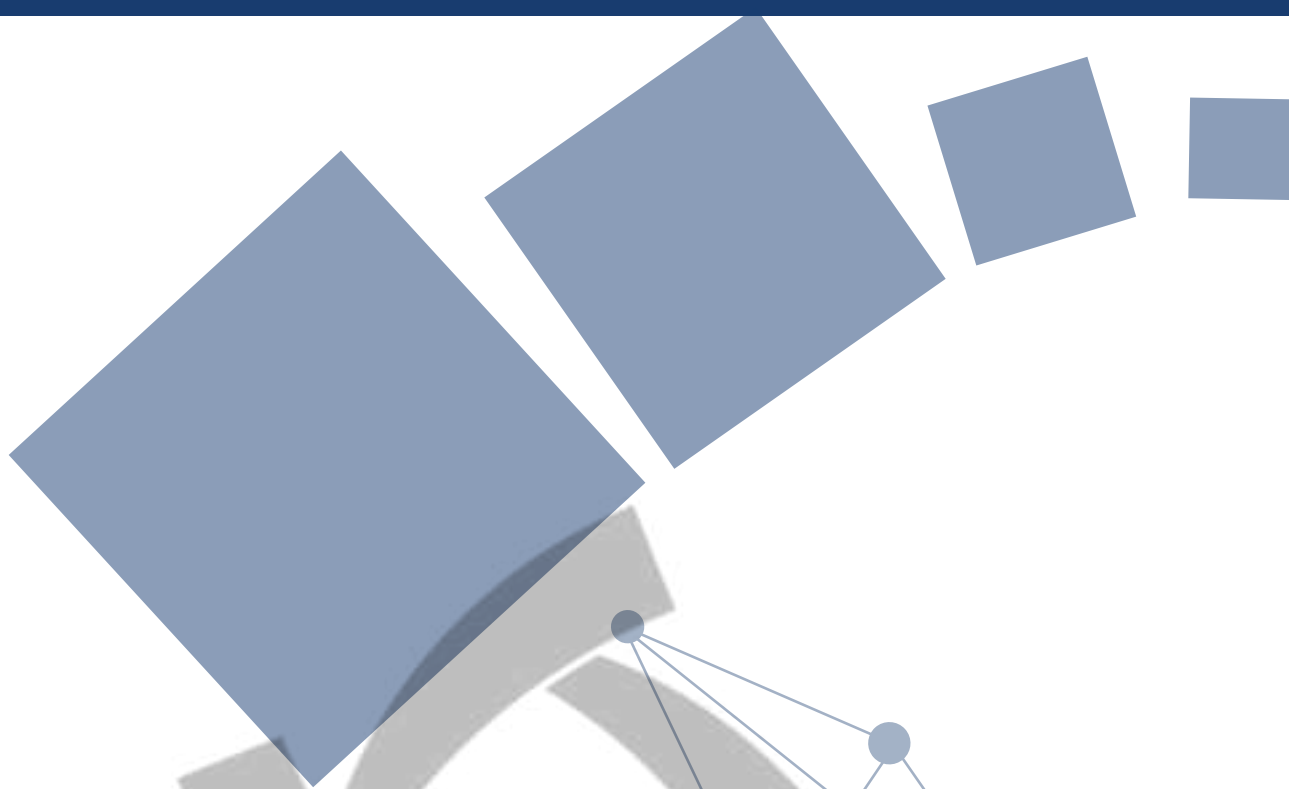
MAIN FEATURES

The plunger pumps **M25-35**, in addition to being particularly suitable for the transfer of **corrosive liquids** by virtue of the materials used for the head, the pistons and the valves, mainly offer the following significant advantages:

- **Self-priming**
- **Watertight without stuffing box or seals**
- **Dry run without any problem**
- **Possibility to vehiculate dirty liquids too**

Other models achievable with flow-rate ranges from 3 to 350 l/h and 150 Bar maximum pressure.

Lower pressures obtainable with rubber membrane pressing element, with high chemical resistance. Upon request, it is also possible to shape special versions for dedicated applications. Informations and prices on request.



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ESPANGO – AGI POMPE

APPLICATION DATA FORM

GENERAL INFORMATION

Company: _____

Phone nr.: _____

Fax nr.: _____

E-mail: _____

Contact Ms./Mr.: _____

Application: _____

Temperature: continuous _____ °C and/or max _____ °C

Liquid to be pumped: _____

Concentration: _____ % Density: _____ (kg/dm³)

Viscosity Centipoise-cPs/mPas: _____

Included particles? ☐ Not or ☐ Yes ☐ soft or ☐ hard (size _____ mm) weight _____ gr/lt

Abrasive particles? ☐ Not or ☐ Yes

Flow-rate/Capacity: _____ lts/hr or _____ ml/min

Accuracy +/- _____ %

☐ Steady

or

☐ Adjustable

Self-priming? ☐ Not or ☐ Yes

Suction (mts): _____ Delivery (mts): _____ Total height /mts) _____

Pipe size (mm/”) _____ Total pipe length (mts) _____

Max. pressure (Bar): _____

Duty cycle:

☐ soft (1-20% ON) ☐ medium (20%-50% ON) ☐ heavy (50-100% ON)

Estimated working time (hours per day / week): _____

Pump body: ☐ Open ☐ Closed IP _____

(For drum pumps only – pump tube length (cm.) _____)

Fittings: _____ Connection tube sizes _____

Power supply: _____ V ☐ single phase ☐ threephase or _____ VDC

☐ compressed air _____ Bar

IP _____ Atex: ☐ Not or ☐ Yes class _____

Estimated needed quantity: _____ pcs (per order) _____ pcs (per year)

Special features (FDA, USP,): _____

NOTES / SPECIAL QUESTIONS: _____

Mod. PCPoo

**PLEASE SEND THIS FORM by fax (+39 02 5830 4889) or
e-mail (espango@espango.it – info@agipompe.com)**