



**PINK
LINE**

**MecVel
recipe to get
technological
solutions
dedicated to
linear motion in
the pharmaceutical
industry**



MecVel core business is the design and the manufacture of linear actuators and screw jacks, electromechanical devices transforming the rotatory motion of a motor into a linear movement, pushing, pulling, lifting or positioning loads even of 20 tons.

The customization service provided by the company allows to configure each product in order to model it according to the technical specifications of the application to which it is intended, in particular in terms of load capacity, travel speed, stroke length, kind of power supply, offering tailored solutions for any project.

The company mission, in fact, is to meet customers needs and consolidate its worldwide presence through a highly innovative and performing range dedicated to linear automation.

A constantly increasing request for switching from hydraulic and pneumatic systems into electric ones, has led the company to develop products focused on the pharmaceutical industry.

The use of the electric system in fact offers a series of benefits, as being eco-friendly and suitable for sterile working environments. Moreover, it provides:

- Easy connections and reliable control, with the possibility to stop along the stroke and get self-locking conditions
- The possibility to work with high temperatures, dust and vibrations with low noise, minimum wear and no maintenance
- The exclusion of pumps, tubes, valves, oil leaks and variations in pressure and flow

Handlings performed by electric linear actuators in the pharmaceutical industry regard mainly:

- Mixers and centrifuges
- Diverters
- Bin tumblers for blending and homogenizing powders and granules
- Automatic machines lines
- Packaging machines and bottling plants

The aim is to optimize functionality and processes of pharmaceutical machines through linear automations able to meet the high standard in terms of hygiene and safety required by this industrial field.

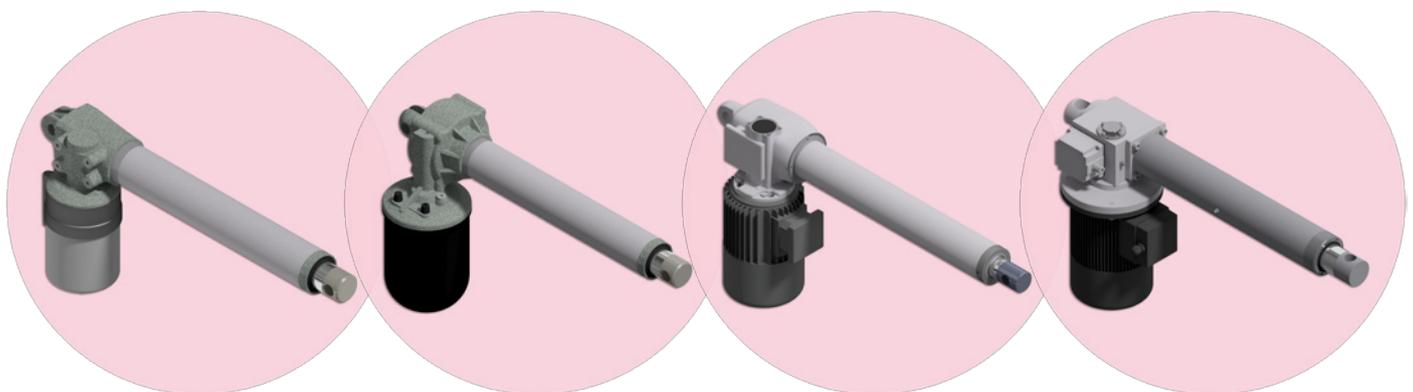
Smaller electric linear actuators, as ALI2 and ALI3 models, are often applied to diverters, both in vertical and horizontal position:

- In a vertical diverter, they direct the flow or control the opening/closing of the valve for the raw material passage
- In a horizontal diverter, they separate the material on the automatic line according to the direction required by the following processing or the packaging

Bigger electric linear actuators, as ALI5 and ECV9092 models, are more indicated for mixers, centrifuges, bin tumblers, to open/close doors and in general to blend/tilt/rotate the whole machine.

MecVel products can be used also for the automated format changeover, according to what has to be packed (pills, powders, bottles) or the kind of packaging (film, plastic, paper).

The great flexibility that characterizes MecVel range allows to find tailored solutions for each application in the pharmaceutical industry, focusing the attention on the specific needs of this field, as the use of stainless steel elements to keep the working environment sterile, demonstrating high quality and efficiency.

ALI2 DC**ALI3 DC****ALI5 AC****ECV9092 AC**

For further information or to setup your product contact us at:

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