

Speed Entry

The complete solution for your packaging and IML applications

For 100 to 500 T IMM



Minimum mold intervention time starting from 0.45s

2.8s minimum cycles

Sepro
Visual3



sepro 
with **MACHINES
PAGES**

Speed Entry 500

The high-performing & modular side-entry robot

TECHNOLOGICAL

Its guide system comprises a prismatic rail with bearings, specially designed for high speeds. Maximum IMM penetration stroke: 2200 mm.

For single parting plane mold

An auxiliary stacking arm collects the parts unloaded by the side-entry robot to stack them.

For double parting plane mold

The 2 stacking arms' movements can be put out of synch using parallel subroutines

A robot integrating part stacking after removal from the IMM

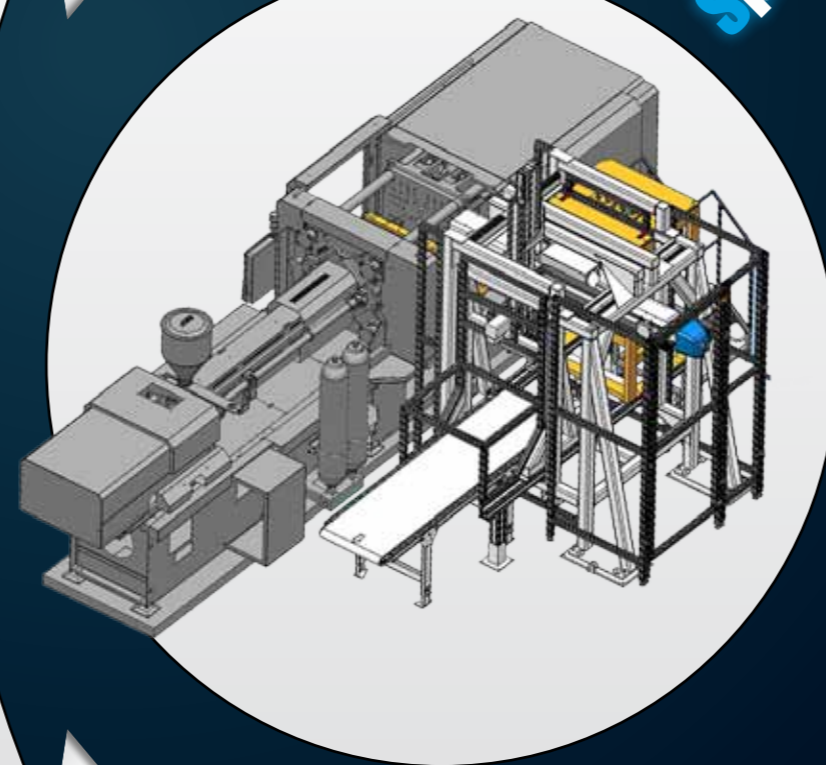
The stacking arm is equipped with a special, high-speed rotation

INDUSTRIAL

As standard, there are 2 layouts and 4 variations for payloads ranging from 10 to 50 kg



Speed Entry 350 MP



Sepro is the No.1 independent manufacturer in Europe of Cartesian robots for injection molding machines and has been one of the world leaders in robots and automation for over 30 years. 40% of our sales are outside Europe and we are also established in China, North and South America.

Machines Pagès is a French company that has been offering IML, high-speed solutions for injection molding machines for over 25 years.

Our 2 companies are independent, but share the same values and objectives :

- Customer Focus,
- Expertise in the automation (Sepro) and IML (Machines Pagès) fields,
- Technological lead and Customer service,
- Aiming for global leadership by being present locally, thanks to national subsidiaries and a network of partners (distributors and IMM manufacturer OEMs).

Sepro and Machines Pagès are now working together to offer innovative and optimized solutions for your Packaging projects

Drawing on its renowned expertise in Cartesian and side-entry robots, Sepro offers a solid and modular mechanical architecture, driven by its native VISUAL 3 control system, whose simplicity and power are already a reference in the plastic injection industry.

Machines Pagès has the know-how to offer proven modules for label dispensing, transfer, electrostatic charging and placing in the mold.

Sepro now offers you solutions designed for IMMs up to 350 T, for single parting plane molds, with labels laid flat or wrapped round all types of Lids, Pots and Buckets.

The IML applications are driven by



Performances :

- mold intervention time for label placing as from 0.9 s
- total cycle as from 3.9 s depending on type and depth of parts

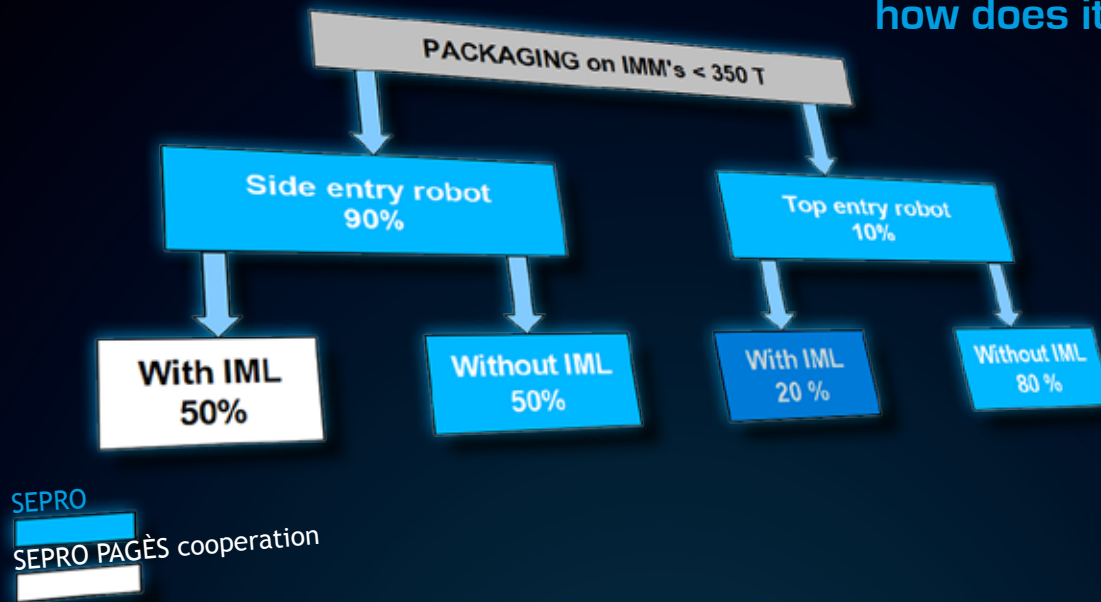
Modular solution:

VISUAL 3 control is a native Sepro development that is both powerful and user-friendly. With this open and simple system, you can upgrade your applications yourself and adapt them to various products (lids, pots, buckets).

With VISUAL3, you get:

- The High-speed pack (scan and sampling time reduced to 5ms), to reduce mold intervention time,
- The Automation pack (extended application possibilities, fast 20ms PLC) for managing even the most complex peripherals,
- A joystick for delicate, manual adjustments,
- Digital vacuum switches: program and save your precise grip settings for each mold,
- Connection to your Ethernet TCP/IP network to manage your programs.





Sepro designs solutions based on side-entry or Cartesian robots, integrating modules approved by Machines Pagès for label dispenser, transfer, electrostatic charging and placing in the mold

(Machine Pagès guarantees the IML process and Sepro offers you a complete & integrated solution for your IML project)

Sepro commissions the solution with a team of experienced engineers, specialized in IML and Automation projects.

In terms of customer service, you can also count on Sepro's service engineers and its hotlines in English, French, German, Portuguese and Spanish.

When you choose Sepro, IML with Machines Pagès, you are choosing an independent expert, who can equip all injection molding machine brands.



Sepro covers all the continents

Find out more on : www.sepro-robotique.com

Why choose Sepro?

- No.1 manufacturer in Europe
- Essential player in North and South America
- Over 22,000 IMM's equipped worldwide

Why choose Sepro with Machines Pagès?

- Expertise in both robotics and IML
- Modular solutions
- Visual 3: a native, simple and powerful control system