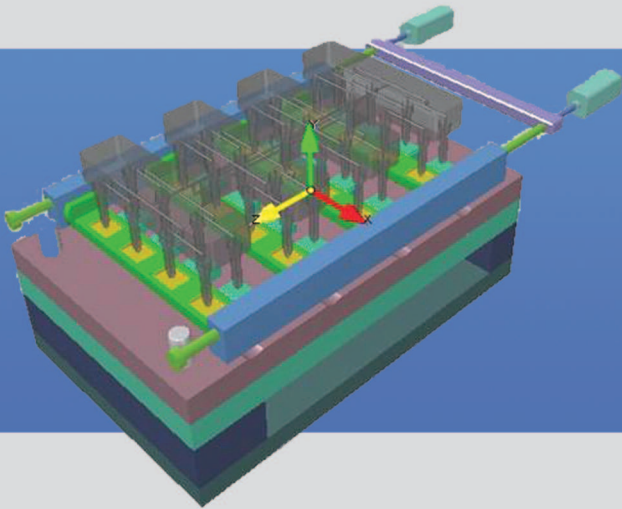


ERMO TECHNOLOGY

Ermo IMA technology features a conventional injection mold, where in the same parting line, the injection of 2 components is simultaneously done. After mold opening, the 2 components are precisely assembled prior to the parts ejection.



The InMold assembly is done by moving 1 part (translation + rotation) into the assembly position, then the 2nd component is motioned accordingly (translation) in order to proceed to assembly.

All movements are made with fully integrated subsets, giving small, compact and light systems.



ERMO Manufacturing



IN MOLD ASSEMBLY



www.ermo-group.com



Zone Artisanale - B.P. 15
53440 MARCILLE-LA-VILLE (France)
Tel: +33 (0)2 43 00 71 22 - Fax: +33 (0)2 43 00 65 20
e-mail: contact@ermo-group.com

Only ONE mold

IMA puts together inside the mold separate components that would otherwise be assembled outside the mold.

It uses generally multiple shots (various grades of resins or different colours) and eliminates a secondary assembly operation.



IMA removes potential sources of scrap parts caused by mishandling, process variation or contamination (precise assembling inside the mold).

Thanks to IMA you realizes significant cost savings comparing to any other assembly process.



LESS INVESTMENT

ERMO technology requires a standard 2 shots molding machine

- 2nd injection unit is standard
- No extended molding machine frame.
- No specific hydraulic equipments for any spinning feature.

The machine is not dedicated to the mold

- No overcost in case of mold/technology change as it is with other technologies.



Profitability

For a 24 assembled products per machine shot: Instead of Double Cube and SpinStack, **Ermo technology** only requires 24 cav. + 24 cores per part.

This is a standard process that requires lower space.



Reliable and reversible

- 1 hydraulic core function motions the whole system
- Translation/rotation are mechanically linked with no failure possibility, Ermo has 15 years experience on these systems

