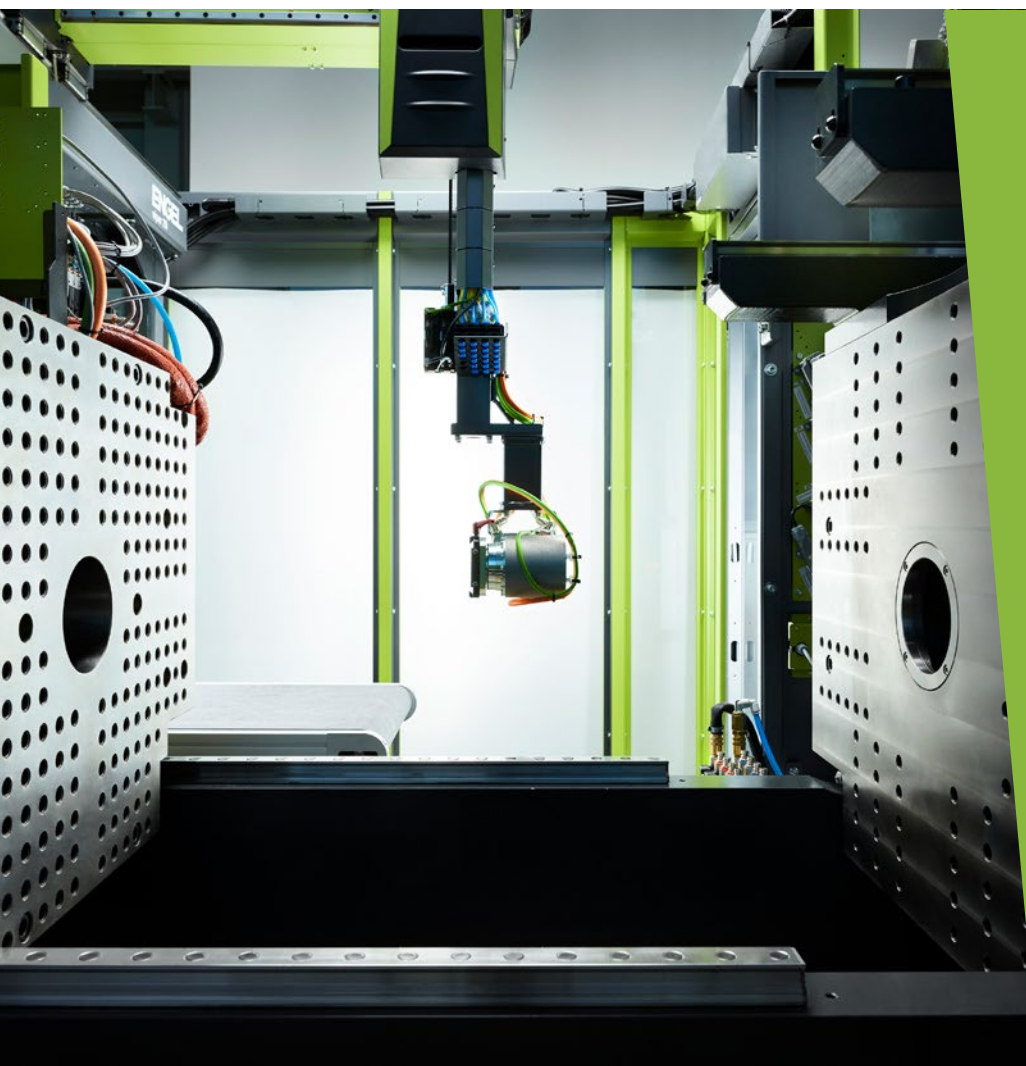


# The tie-bar-less universal injection moulding machines

victory and e-victory



**ENGEL**  
be the first



[engelglobal.com/tie-bar-less](http://engelglobal.com/tie-bar-less)



**The first choice for multi-cavity applications.**

- Excellent clamping force distribution
- Excellent platen parallelism
- Optimum mould protection



**Maximum space in the mould area.**

- For large moulds with low clamping force requirement
- Ergonomic access to the mould
- Quick mould change



**Efficient servo-hydraulic drives.**

- Low power loss and minimal cooling water requirement
- Hardly any heat and noise emissions
- Optional parallel movements also possible



**Your production employee directly on board.**

- Intuitive operation
- Intelligent assistance systems
- Centralised control of all units





---

### Simple integration of automation.

- Compact automation with low overall height
- Higher productivity thanks to short manipulation times
- Extensive part manipulation can be easily realised





#### **Electric injection unit of the e-victory.**

- For technical parts with high precision requirements
- 3 performance levels available
- Precise injection moulding process control



[engelglobal.com/victory](http://engelglobal.com/victory)



[engelglobal.com/e-victory](http://engelglobal.com/e-victory)



#### **Hydraulic injection unit of the victory.**

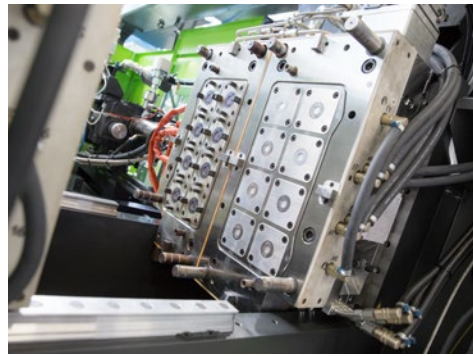
- For the broad field of technical parts
- For maximum injection performance optionally with accu
- Compact design





## The tie-bar-less clamping unit Ideal conditions for frequent mould changes.

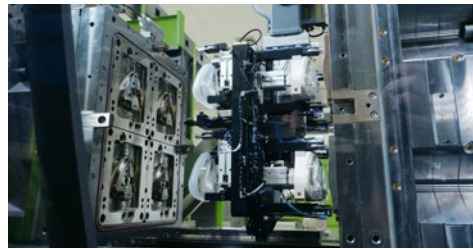
The tie-bar-less injection moulding machines offer the best conditions for quick and easy mould changes. Thanks to the free access to the mould area, there is space for large moulds or bulky core pulls in particular. The generously dimensioned mould mounting platens can be used to their limits, and often beyond. Barrier-free access ensures pleasant working conditions and a clear view from every angle. This also creates ideal conditions for automation: Faster parts removal and smaller system footprints, even with low hall heights. Pulling tie-bars and time-consuming assembly work when changing moulds are a thing of the past.



## Prepared for almost any application

### Areas of application

The tie-bar-less victory and e-victory have particular advantages in multi-cavity applications and in multi-colour injection moulding. As there are no tie-bars limiting the space, there is no need to switch to machines with greater clamping force.



### Automation

ENGEL provides you with complete production cells in all degrees of complexity from a single source. You benefit from a complete solution with perfectly harmonised components and save time and money.



**ENGEL**  
be the first

ENGEL AUSTRIA GmbH | Ludwig-Engel-Straße 1 | 4311 Schwertberg, Austria  
Tel. +43 50 620 0 | Fax +43 50 620 3009 | [sales@engel.at](mailto:sales@engel.at) | [www.engelglobal.com](http://www.engelglobal.com)

The information, product features and pictures contained in this brochure are intended exclusively as a technical guide. ENGEL is not responsible for any technical changes or print/typographical errors. Reproduction in whole or in part is prohibited without the prior written consent of ENGEL AUSTRIA GmbH.