The compact all-electric injection moulding machine
e-mac
Small machine for big tools.
Our e-mac has the largest tie bar spacing in its class and at the same time an extremely short, space-saving design.
- Higher output per m²
- Higher flexibility in production
- Ideal for large moulds with low clamping force requirements

90% less lubricant required and clean clamping unit.
ENGEL’s patented complete encapsulation of the toggle lubrication system helps you to reduce maintenance efforts and lubricant consumption to a minimum.
- Clean injection moulded parts
- 90% reduced lubricant consumption
- Particularly suitable for clean room applications

Your production staff directly on board.
The e-mac is equipped with the latest generation CC300 control system.
- Central control of all units
- Simple and intuitive to use
- Intelligent assistance systems
Compact production cells from a single source. Thanks to its small footprint, the e-mac is the perfect basis for efficient production systems in the smallest of spaces.

- More cells on the same area
- Particularly advantageous with expensive cleanroom space
- One contact for machine and automation
The right injection unit for every application.
The new electric injection units are available in three variants:
- Standard
- High: For thin-wall applications
- Heavy Duty: For parts with thick walls

Resource-optimised hydraulic solution on board.
A servo-hydraulic unit is optionally available for each machine size. This is fully integrated into the machine and offers the optimum solution with regard to:
- Space requirement: No additional floor space required
- Energy efficiency: Servo hydraulics without additional hydraulic accumulator
- Resource efficiency: Minimum amount of oil in the machine to meet tool requirements
Available machine sizes of the e-mac

<table>
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<th>Injection unit</th>
<th>Screw diameter mm</th>
<th>Clamping unit</th>
<th>Tie bar spacing mm</th>
<th>US tons</th>
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Quickly available and individually customisable

Stock machines
In times of rapidly changing economic conditions, flexibility and responsiveness are key. With our e-mac stock machines, the path to an efficient injection moulding solution is only a few weeks away from you.

Medicine package
Meeting the requirements of medical technology perfectly. This is possible with the new medical package for the e-mac series. Purity without compromise.

Automation
Fully integrated automation solutions from a single source. From a simple sprue picker to the most complex production cells: ENGEL offers all solutions from a single source.
Efficient temperature control saves money

Save up to 45% electricity through temperature control with iQ flow control

The combination of intelligent software, iQ flow control, the in-house flow control system e-flomo as well as our own temperature control units e-temp enables massive energy savings of up to 45%. Only if the machine understands how much temperature control is really needed and can communicate this to the right devices, is there a strong potential to reduce the power consumption of your injection moulding machine. This is how you manage to run the most efficient machine systems on the market.

SKS AG relies on the efficiency and customisability of the compact e-mac

As a manufacturer of sophisticated medical injection moulded parts - often using high-performance plastics - stable and reproducible processes are essential for SKS AG. The high precision of our all-electric e-mac series convinced our customer, as did the wide range of functions and their compactness - SKS chose, for example, the medical package with encapsulated toggle lever for its e-macs. The small footprint of the e-mac is a further advantage, especially for production in expensive clean rooms. Read here in detail why SKS AG relies on ENGEL injection moulding machines and the e-mac in particular.

“We see the e-mac as a very flexible and economical solution at an interesting price. With the compact e-mac machine, we are well positioned.”

Karl Steiner, Chairman of the Board of Directors SKS AG