

Press release

Two platen, one hanger: how the WINTEC t-win combines speed, resource efficiency and investment security

At Fakuma 2026, a live production run of coat hangers for Leifheit shows off the strengths of the t-win series in high-volume manufacturing.

Schwertberg/Austria – August 2026

Skills shortages, tight deadlines and stretched budgets are challenges only too familiar to many manufacturers. The t-win, with 6,500 kN clamping force, tackles them head-on: as a near-standard two-platen machine, it will be running live on the show floor, offering a short dry cycle time, high availability and no costly special equipment.

When a new business opportunity comes along, every day counts. Production needs to get up and running fast, with a reliable machine that's available right away – no long lead times, no lengthy preliminary checks. Many companies also lack skilled specialists, so the equipment has to be safe and straightforward for semi-skilled operators to run, all while keeping fixed costs down.

This is exactly where WINTEC comes in. At Fakuma 2026, a live production run of coat hangers for Leifheit shows how time pressure, limited resources and investment security can all be reconciled on a single [t-win series](#) machine.

The exhibit: coat hangers for Leifheit

On the stand, the t-win 6500 uses a 4+4-cavity family mould to produce four hanger bodies and four hooks at once, with each geometry moulded separately within the tool. A [viper 20 linear robot](#) takes care of part removal and places the components onto a conveyor belt. With a cycle time of about 40 seconds, the cell achieves an output of around 360 coat hangers an hour, processing a polypropylene copolymer from Borouge International (formerly Borealis).

A machine concept built for less downtime and more output

The WINTEC t-win 6500 is designed for high production volumes without compromising on quality or budget. Its build stays close to standard, but its performance does not: short cycle times, high repeatability and low reject rates set it apart from comparable machines on the market.

Fast to get hold of, fast to get going: whether supplied straight from stock or with a short lead time, straightforward commissioning gets the machine into production without detours. The focus is on proven, robust technology rather than unnecessary extras, which keeps maintenance to a minimum. And despite offering specialised functions, the WINTEC machine needs no expensive optional equipment, noticeably cutting the investment required.

What customers get out of it

More compact: a short footprint thanks to the two-platen concept – freeing up floor space for additional equipment without extending the hall.

More productive: the servo-hydraulic two-platen system delivers fast clamping force build-up and synchronous locking, resulting in shorter cycle times, more parts per hour and noticeably lower energy costs per part.

More available: a robust, field-proven design with easily accessible maintenance points means less downtime and lower cost per part.

Future-proof: The control system grows with your needs – upgrades can be added at any time, with no need to invest in a new machine.

This is all made possible by the t-win series' friction-free two-platen design: because the mounting platen never touches the tie bars, the clamping unit runs virtually wear-free, precisely and quickly, combining rigid mechanics with excellent platen parallelism. The injection unit is likewise engineered for speed and efficiency: linear guides ensure low friction, low energy consumption and high accuracy during injection and holding pressure. The C3 control system, with its 15-inch full-HD touchscreen and one-touch operation, makes the technology intuitive to use, even for semi-skilled staff.

Smart functions included as standard

Even in its standard configuration, WINTEC customers benefit from ENGEL's intelligent iQ assistance systems. At the heart of this is [iQ weight control](#): the self-regulating system keeps the injection volume constant, resulting in significantly lower reject rates, higher productivity and a faster ramp-up after downtime, regardless of fluctuating ambient conditions.

Visit us at Fakuma: Hall A5, Stand 5203.

Images: ENGEL

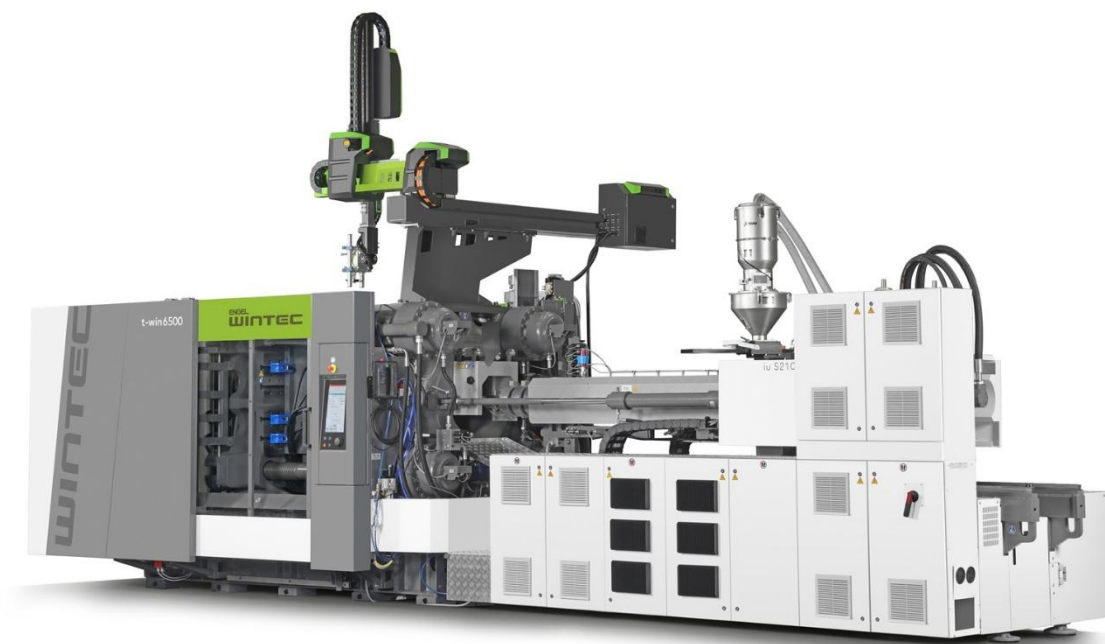


Image 01:

Plug & Profit: Plug & profit: the t-win 6500 stands for proven, robust design with good access for maintenance – less downtime, more output.

ALT tag: Image shows a white and grey WINTEC t-win two-platen injection moulding machine.

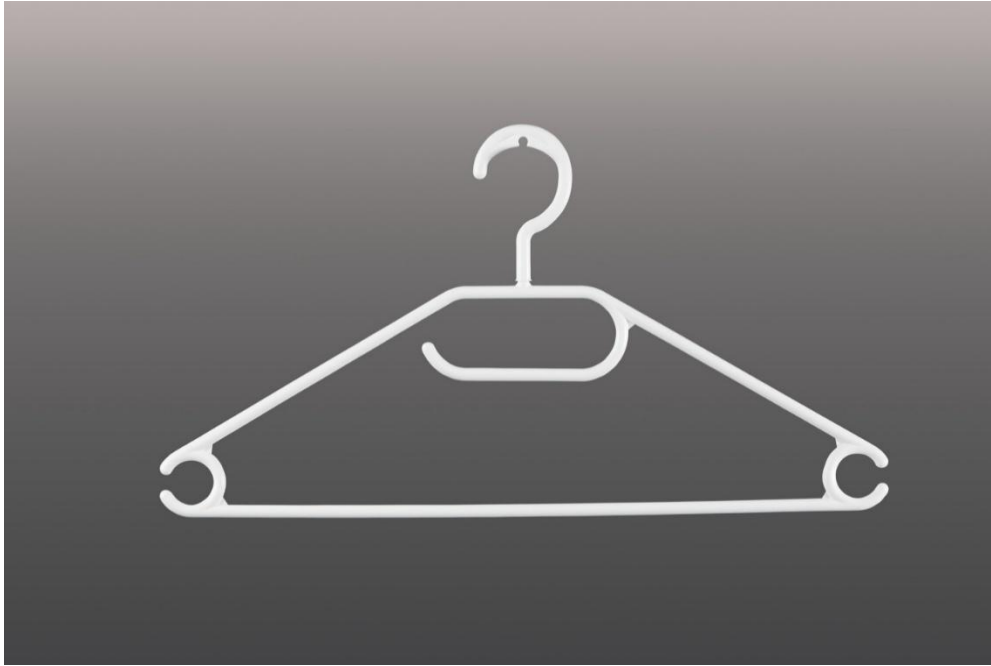


Image 02:

Live production at Fakuma: the t-win 6500 produces hanger bodies and hooks simultaneously on the show floor using a 4+4-cavity family mould. With a cycle time of 40 seconds, around 360 coat hangers are produced every hour.

ALT tag: White plastic coat hanger with hook.

ABOUT WINTEC

WINTEC is a brand of the ENGEL Group, benefiting from the group's worldwide sales and service network as well as its many years of engineering expertise.

ENGEL AUSTRIA GmbH

ENGEL is one of the global leaders in the manufacture of injection moulding machines. Today, the ENGEL Group offers a full range of technology modules for plastics processing as a single source supplier: injection moulding machines for thermoplastics and elastomers together with automation, with individual components also being competitive and successful in the market. With twelve production plants in Europe, North America, Mexico and Asia (China, Korea and India), and subsidiaries and representatives in more than 85 countries, ENGEL offers its customers the excellent

global support they need to compete and succeed with new technologies and leading-edge production systems.

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