

Management system as per

ISO 9001: 2015  
ISO 14001: 2015



Website



LinkedIn

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ENGEL  
**WINTEC**

t-win

HYDRAULIC TWO PLATEN INJECTION MOLDING MACHINE



# Production Locations



As a member of the ENGEL Group, WINTEC was established in China in 2014. We are committed to providing customers with high-performing, efficient, cost-effective injection molding machines and solutions. We shatter the impossible trio of quality, efficiency and cost, being your reliable partner for your successful international development.

## ENGEL GROUP

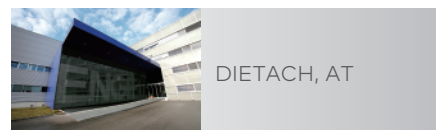
11 PRODUCTION PLANTS

39 SUBSIDIARIES

21 REPRESENTATIVES



YORK, US



DIETACH, AT



ST.VALENTIN, AT



PUNE, IN



SHANGHAI, CN



QUERETARO, MX



KAPLICE, CZ



SCHWERTBERG, AT



GDAŃSK, PL



PYEONGTAEK, KR



CHANGZHOU, CN



We at WINTeC make proven innovations accessible and bring them straightforward, hassle-free and deliver you the streamlined injection molding solutions. Leveraging ENGEL's 80 years of engineering excellence and sharing its global sales and service network, we turn industry-leading performance into your tangible competitive edge.

After years of growth and continuous development of our portfolio, WINTeC brings you the smart path to your long-term success: Plug & Inject.

**Apr**  
**2014**

The 1st t-win Machine:  
Chinaplas Debut in Shanghai, China



**Jul**  
**2014**

First machine delivered to  
Chinese customers



**Jun**  
**2016**

WINTeC rollout to Middle East,  
Africa and Southeast Asia



**May**  
**2018**

WINTeC rollout to Americas



**Oct**  
**2020**

WINTeC rollout to Europe

**Jun**  
**2022**

Celebration of the 1000th  
t-win machine delivery



**Sep**  
**2024**

10<sup>th</sup> Anniversary

# t-win

YOUR ADVANTAGES AT A GLANCE

## HIGHER PRODUCTIVITY

The servo hydraulic two-platen t-win is focused on fast and high efficient production. Fast movements, short clamping force build-up time and synchronized locking device movement reduce total cycle time and increase productivity.

## INCREASED AVAILABILITY

The reliable and proven design as well as features allow fast access for maintenance and increase machine availability and output.

## HIGHER ENERGY EFFICIENCY

The servo drive system servowin guarantees fast acceleration and low energy consumption.



## SMALLER FOOTPRINT

The two-platen machine concept allows a compact design for less space requirements.

## SMARTER CONTROL UNIT

Future-oriented technologies with long-term availability and upgradability. Powerful extension functions for future challenges.

# Smart Machine



Intuitive operation & one-touch operation

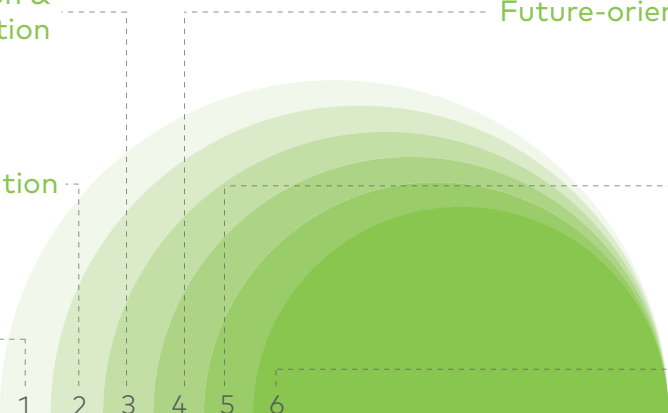
Future-oriented technologies

Self-explanatory navigation




Assistance systems

Ergonomic panel

Individually, tailored to the operator



# Smart Functions

 <p><b>iQ weight control*</b></p> <p>Constant filling under changing conditions</p>	 <p><b>Mold parallelism measurement</b></p> <p>Mold parallelism measurement and clamping force optimization</p>	 <p><b>Mold protection*</b></p> <p>Precision monitoring during the whole injection molding process</p>
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**ecograph**

Display of energy consumption for last and current cycle.



**ecobalance\***

Intercept of power peaks and uniform distribution of the total energy demand across the cycle.



**Micrograph**

Recording process parameters for quality control purposes that helps you analyze, optimize and monitor the process.



**Autoprotect injection monitoring\***

Self-learning system for highly sensitive mold protection during injection.



**Program parameter limits\***

Specifying the input range for up to 150 parameters individually to prevent setting of illogical or severely deviating.



**e-help**

Information on the most important functions and operations of a system directly at the machine.

For more options, please contact regional sales.  
\*Optional functions

Injection Unit	1510	2310	3510	5210	8210	11410	16510	21910	43210	56910
Screw Diameter mm	55 60 70	60 70 80	70 80 90	80 90 105	90 105 120	105 120 135	120 135 150	135 150 160 170	170 190 200	190 210 220
t-win 4500										
t-win 6500										
t-win 7500										
t-win 9000										
t-win 10500										
t-win 14000										
t-win 16000										
t-win 18000										
t-win 21000										
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t-win 27000										
t-win 32000										
t-win 40000										

Memo

