

Management system as per
执行以下标准

ISO 9001: 2015
ISO 14001: 2015



Website WeChat

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WINTEC
MEMBER OF THE ENGEL GROUP

e-win SE

ALL-ELECTRIC INJECTION MOLDING MACHINE

e-win SE全电动注塑机



Production Locations 全球工厂



ENGEL, as the world's leading supplier of injection molding machines, represents stability and continuity in the industry. As a 100% owned subsidiary of ENGEL, WINTEC will spare no effort to create efficient and stable injection molding machines. At the same time, WINTEC relies on the strength of its parent company and its comprehensive global sales and service network to provide fast and effective after-sales support while ensuring the quality of its products, making it a reliable partner for your successful international development.

ENGEL作为世界领先注塑机供应商,是稳定性和持续性的行业代表。作为ENGEL的全资子公司,WINTEC将不遗余力地打造高效稳定的注塑设备。

同时WINTEC依靠母公司的雄厚实力及健全的全球销售及服务网络,在确保产品品质优良的前提下,能快速有效地提供售后服务支持,是您国际化发展进程上可靠的合作伙伴。

ENGEL GROUP

9 PRODUCTION PLANTS
9 个生产工厂

30 SUBSIDIARIES
30 个分支机构

60 REPRESENTATIVES
60 个代表处



YORK, US
美国·约克



DIETACH, AT
奥地利·迪塔赫



PYUNGTAEK-CITY, KR
韩国·平泽市



HAGEN, DE
德国·哈根



SCHWERTBERG, AT
奥地利·施韦特贝格



SHANGHAI, CN
中国·上海



KAPLICE, CZ
捷克·卡普利采



ST. VALENTIN, AT
奥地利·圣瓦伦丁



CHANGZHOU, CN
中国·常州



Located in Changzhou, Jiangsu Province, China, WINTEC is the second brand established by ENGEL Group in 2014, insisting on high quality products and reliable services for the commodity segment of injection molding.

After several years of sustainable growth and continuous development of our portfolio, WINTEC rollout to Europe in 2020. The worldwide sales and service network of the ENGEL Group provides you with high quality injection molding machines for standard applications while ensuring fast and effective after-sales support.

WINTEC位于中国江苏省常州市,是ENGEL集团于2014年创立的第二品牌,坚持以高品质的产品和可信赖的服务为宗旨。

历经数年的持续增长及产品组合的不断发展,WINTEC于2020年开拓欧洲市场,自此完成了其全球推广的进程。遍布全球的销售及服务网络,为您提供高品质标准应用注塑机的同时,也确保了快速有效的售后支持。

**Jan
2013**

Groundbreaking ceremony for the new WINTEC plant
WINTEC工厂奠基仪式

2013

**Jul
2014**

First machine delivered to Chinese customers
第一台WINTEC注塑机交付

2014

2016

**Jun
2016**

WINTEC rollout to Middle East, Africa and Southeast Asia
WINTEC拓展中东,非洲及东南亚市场

2018

**May
2018**

WINTEC rollout to Americas
WINTEC拓展美洲市场

2020

**Oct
2020**

WINTEC rollout to Europe
WINTEC拓展欧洲市场

**Jun
2022**

Celebration of the 1000th t-win machine delivery
第1000台t-win交付仪式

2022

e-win SE

YOUR ADVANTAGES AT A GLANCE

优势一览

Precise 精密

Full-closed loop control design, accurate sensor and fast servo response make sure precise injection.
全闭环控制设计，精确的传感器和快速的伺服响应，确保精确的注射。

Speed 高速

Powerful servo drive components, ball screw and parallelism movement of every axis increase productivity.
强大的伺服驱动组件、滚珠丝杠和各轴的同步动作提高了生产率。

Energy saving 节能

Low friction linear guide, ball screw, tie bar free design and high efficiency servo drive guarantee low energy consumption.
低摩擦线性导轨、滚珠丝杠、无接触拉杆设计和高效伺服驱动保证了低能耗。



Stable 稳定

High stiffness frame, platen, toggle system design and 900+ quality check point minimize downtime.
高刚性的机架、模板、曲肘系统设计和超过 900 个质量检查点，将最大限度降低停机故障。

Smart 智能

Future-oriented technologies with long-term availability and transformation. Powerful extending function for future injection 4.0 challenges.
面向未来的控制系统具有长期的可利用性及可改造性。强大的扩展功能，可应对注塑 4.0 的挑战。

Smart Machine 智能机器



Intuitive operation & one-touch operation

一键式直观操作

Self-explanatory navigation

清晰的导航界面

Ergonomic panel

符合人体工学的面板

Future-oriented technologies

面向未来的技术

Assistance systems

辅助系统

Individually, tailored to the operator

个性化操作

Smart Functions 智能选项



iQ weight control*

Constant filling under changing conditions
外部环境变化仍保持稳定注塑



Autoprotect ejector monitoring

Protect mold during part removal by monitoring the force and speed sequence
通过监测力或速度在顶出过程中精密保护模具



Mold protection

Precision monitoring during the whole injection molding process
精密监测注塑全过程



ecograph

Display of energy consumption for last and current cycle.

实时显示当前及上一循环的能耗



ecobalance*

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

拦截功率峰值，保持整个周期内总能耗的均匀分布



Micrograph

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

记录工艺参数，为分析、优化、监测工艺质量提供帮助



Autoprotect injection monitoring

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

高精度自学习系统确保注射过程中的模具保护



Program parameter limits*

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

可设置最多150个独立参数以防逻辑错误或严重偏差



e-help

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

直达机器最重要的功能和操作

For more options, please contact regional sales. 更多其他选项，请咨询当地销售人员

*Optional functions 选配功能

Clamping Unit 锁模单元			e-win SE 1000			e-win SE 1800			e-win SE 3800		
Clamping force	锁模力	kN	1000			1800			3800		
Opening force	开模力	kN	100			180			380		
Opening stroke max.	开模行程	mm	350			450			700		
Mold height min. / max.	最小/最大模厚	mm	150 / 450			200 / 550			300 / 750		
Total daylight max.	最大模板间距	mm	800			1000			1450		
Platen size h x v	模板尺寸(水平x垂直)	mm	650 x 600			810 x 810			1190 x 1190		
Dist. between tie bar h x v	拉杆间距(水平x垂直)	mm	470 x 420			570 x 570			830 x 830		
Max. mold weight MoPl / StPl	动定模板最大模具重量	kg	650 / 650			1300 / 1300			3800 / 3800		
Ejector stroke	顶针行程	mm	100			150			210		
Ejector force	顶针力	kN	22			37			90		

Injection Unit 注射单元			150			240			440			640			1240		
Screw diameter	螺杆直径	mm	22	25	30	25	30	35	35	40	45	40	45	50	50	55	60
L/D ratio (3-zone screw)	长径比(3段式螺杆)	L/D	24.0	24.8	20.5	24.8	23.6	20.0	20			20			20		
Screw stroke	注射行程	mm	120			150			175			200			260		
Injection capacity max.	最大注射容积	cm ³	45.6	58.9	84.8	73.6	106.0	144.3	168.4	219.9	278.3	251.3	318.1	392.7	510.5	617.6	735.1
Shot weight max. ^①	最大注射量 ^①	g	42.0	54.2	78.0	67.7	97.5	132.8	154.9	202.3	256.0	231.2	292.7	361.3	469.7	568.2	676.3
Screw speed max.	最大螺杆转速	min ⁻¹	400			400			400			320			300		
Plasticizing rate (3-zone screw) ^②	塑化能力(3段式螺杆) ^②	g/s	6.6	9.1	14.6	9.1	14.6	23.5	23.5	33.0	44.5	26.4	35.6	46.6	43.7	55.7	69.5
Injection pressure max. ^②	最大注射压力 ^②	bar	2800	2400	1670	2800	2200	1610	2600	2000	1580	2530	2000	1600	2400	2000	1600
Holding pressure max. ^②	最大保压压力 ^②	bar	2560	2200	1525	2555	2000	1465	2340	1800	1420	2300	1800	1455	2265	1800	1510
Injection speed max.	最大注射速度	mm/s	220			220			220			180			180		
Injection rate max.	最大注射速率	cm ³ /s	83.6	108.0	155.5	108.0	155.5	211.7	211.7	276.5	349.9	226.2	286.3	353.4	353.4	427.6	508.9
Nozzle contact force	喷嘴接触力	kN	20			25			25			40			55		
Nozzle penetration	喷嘴突出量	mm	30			30			30			30			30		
Heating wattage (incl. nozzle)	加热功率(包括喷嘴)	kW	6.08	6.95	6.95	7.4	8.7	8.7	8.7	8.7	8.7	11.4	13.8	15.0	15.0	16.2	18.4
Heating zones (incl. nozzle)	加热区(包括喷嘴)		4			4			4			6			6		

Others 其他			e-win SE 1000									e-win SE 1800									e-win SE 3800		
			150			240			440			240			440			640			1240		
Total power	总功率	kW	11.6	12.2	12.2	16.6	17.5	17.5	19.3	19.3	19.3	16.7	17.6	17.6	19.2	19.2	19.2	24.6	26.3	27.1	43.3	44.1	45.7
Connected current	接入电流	A	16.8	17.7	17.7	23.9	25.2	25.2	27.8	27.8	27.8	24.0	25.3	25.3	27.7	27.7	27.7	35.5	37.9	39.2	62.5	63.7	65.9
Machine weight	机器净重	t	4.3			4.5			4.5			7.0			7.0			7.9			20.5		
Machine Dimensions (l x w x h)	机器尺寸(长x宽x高)	m	4.0 x 1.5 x 2.2			4.8 x 1.3 x 1.7			4.8 x 1.3 x 1.7			4.9 x 1.5 x 2.0			4.9 x 1.5 x 2.0			5.5 x 1.8 x 2.0			7.2 x 2.1 x 2.4		

①Values for polystyrene 聚苯乙烯的值

②Theoretical values, dependent on the molding condition and cycle time 理论值, 取决于成型条件及周期等限制

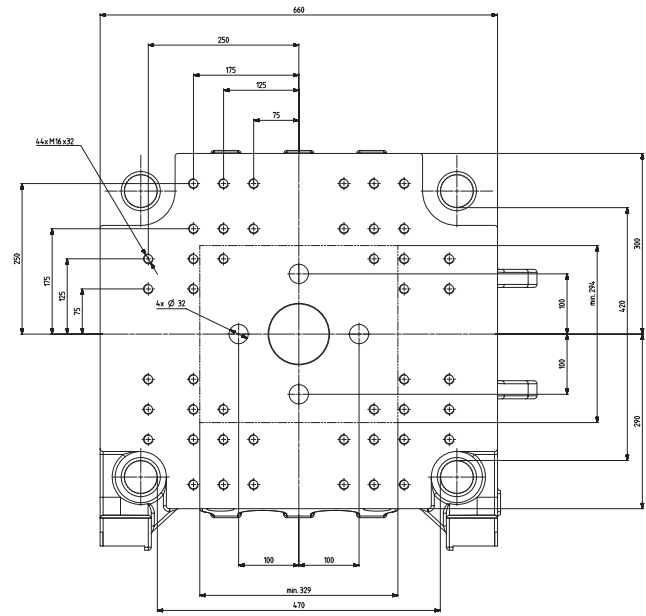
All above data only applied to standard machine 所有数据均为机器标准配置参数

Subject to technical alterations 以最新的技术变更数据为准

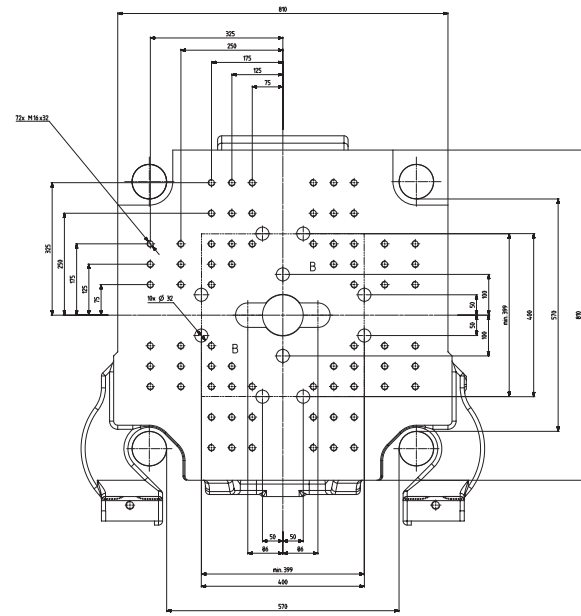
Injection Unit 注射单元	150	240	440	640	1240
Screw Diameter 螺杆直径 mm	22 25 30	25 30 35	35 40 45	40 45 50	50 55 60
e-win SE 1000					
e-win SE 1800					
e-win SE 3800					

Platen Dimensions 模板尺寸

1000 kN

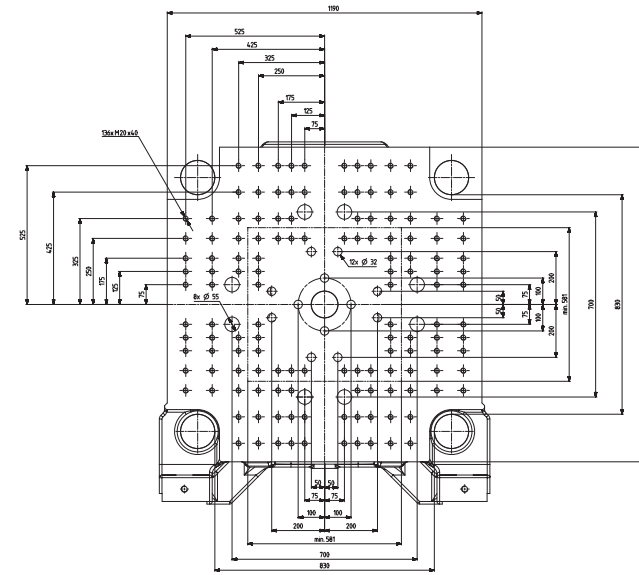


1800 kN



Platen Dimensions 模板尺寸

3800 kN



Subject to technical alterations 以最新的技术变更数据为准
