

Management system as per
执行以下标准
GB/T 19001-2016 / ISO 9001: 2015



Website 网站



WeChat 微信

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MEMBER OF THE ENGEL GROUP



WINTEC, MEMBER OF THE ENGEL GROUP,

The streamlined portfolio is targeted to best meet the requirements of standard plastics production. Designed and engineered in Europe/Austria, the WINTEC product lines offer great benefits of decades of expertise in injection molding: most reliable and efficient machines with an extended service life.

As a **100% ENGEL owned brand**, WINTEC is committed to the high quality standards of the group.

Leading after sales support is guaranteed by the local service network and an in-house spare parts supply.

WINTEC

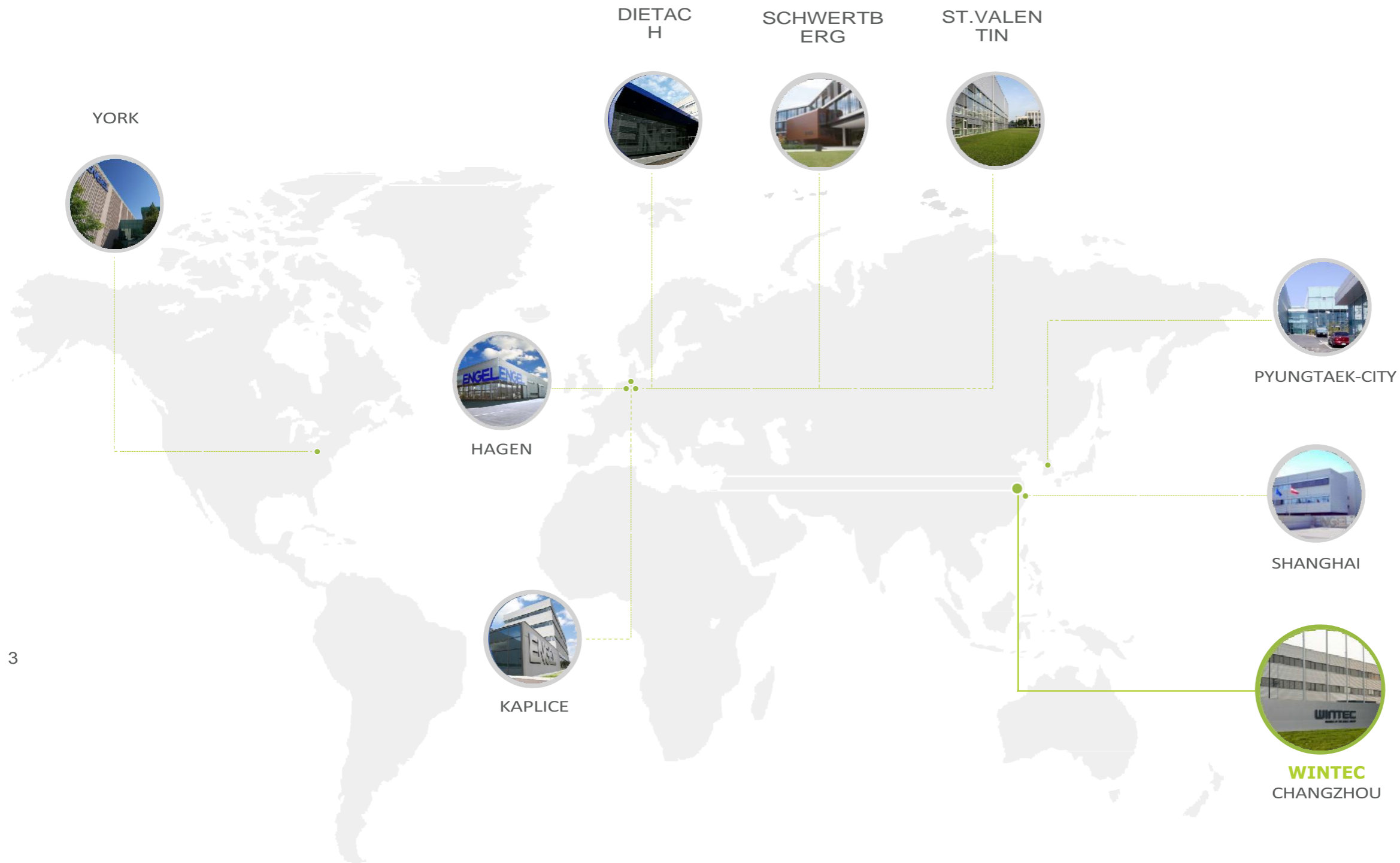
PROUDLY DESIGNED AND ENGINEERED IN AUSTRIA

COMMITTED TO QUALITY AND AVAILABILITY

A STRONG PARTNER NEARBY

WINTEC is based in Changzhou (Jiangsu Province) in China

The local dedicated and experienced WINTEC sales team is your partner – in Asia, Middle East, Americas, Africa, Russia, and is expanding continually. We offer standard, still customized solutions to enhance your competitiveness, meanwhile focusing on what matters to you – state-of-the-art efficiency and reliability.



ENGEL GROUP

9 PRODUCTION PLANTS

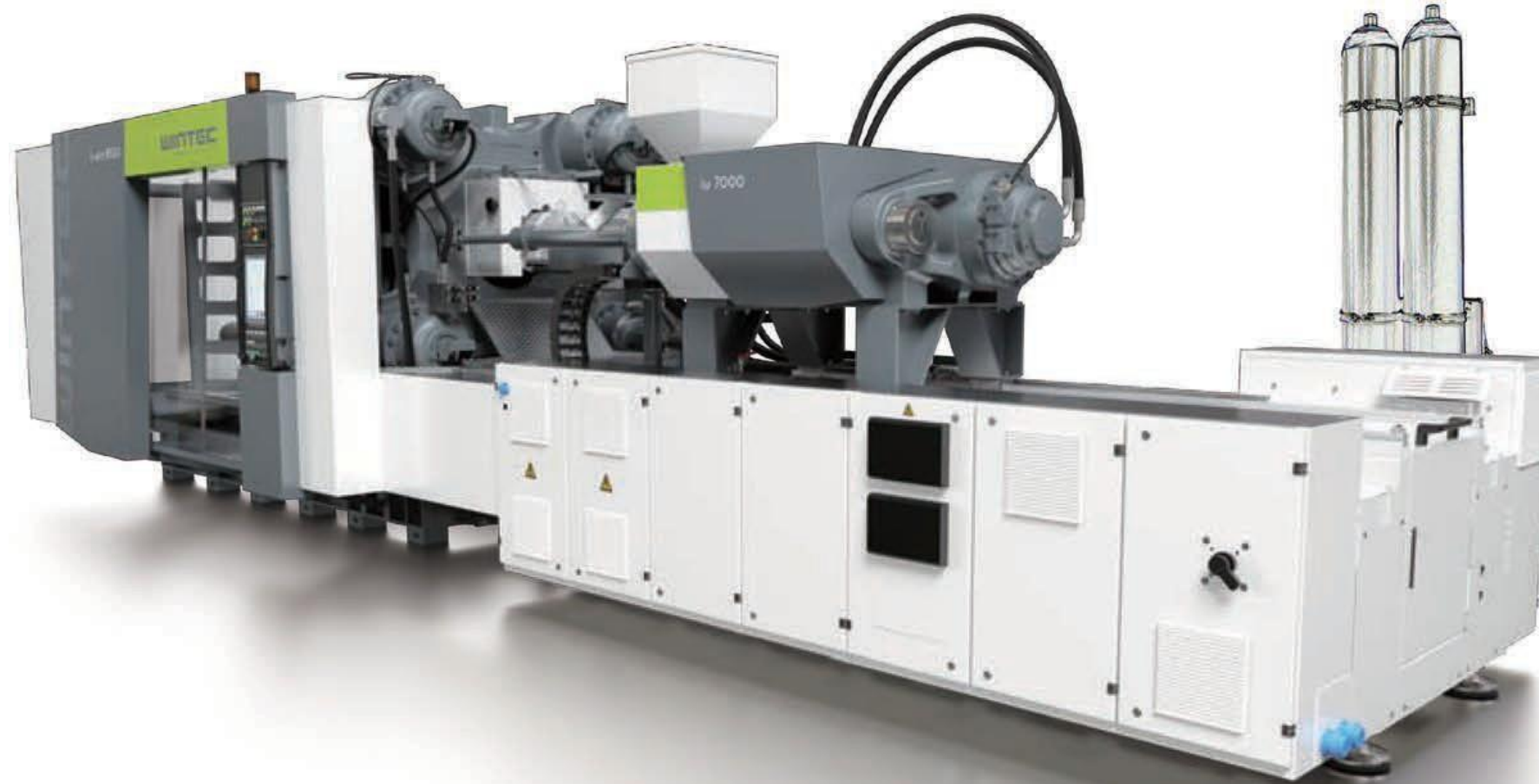
30 SUBSIDIARIES

60 REPRESENTATIVES

t-win injection unit

EFFICIENCY COMES STANDARD

With high plasticizing capacity, **WINTEC** 's injection unit perfectly supports overall efficiency. The modern drive concept enables fast acceleration and low energy consumption, all while maintaining easy access and a reduced noise level.



HIGH-PERFORMANCE DRIVE TECHNOLOGY SERVOWIN

- Improved efficiency factor
- Drive-integrated working point optimization
- Excellent acceleration of movements
- Easy access to pump cabinet and filter for maintenance

COMPACT DESIGN

- Two parallel hydraulic injection pistons
- Small footprint
- Optimum guiding

ENERGY EFFICIENT PLASTICIZING DRIVE

- High plasticizing efficiency
- Drive with improved efficiency factor

ACCU ASSISTED INJECTION

- Available at surcharge
- Good solution to boost injection speed

SHORT SETUP TIME

- Fast barrel change over
- Variable displacement pump

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.

HIGHER PRODUCTIVITY

Reduced total cycle time due to short clamping force build up time, fast movements and synchronized locking

HIGHER AVAILABILITY

Higher output in every shift through a reliable and proven machine concept

LESS ENERGY CONSUMPTION

Higher energy savings come standard due to latest technology, servo drives and variable pumps



HIGHER DURABILITY

With an operational life span of 15 to 20 years and more every **WINTEC** is a safe investment

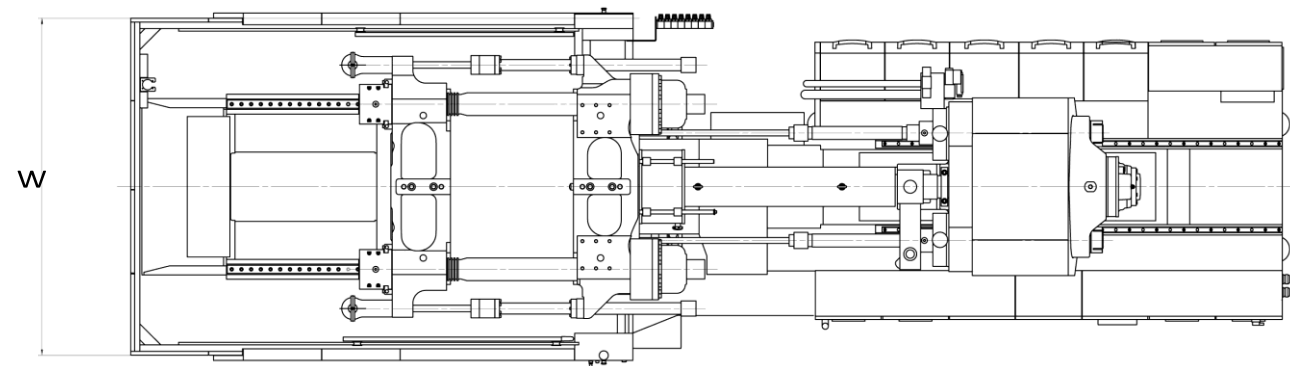
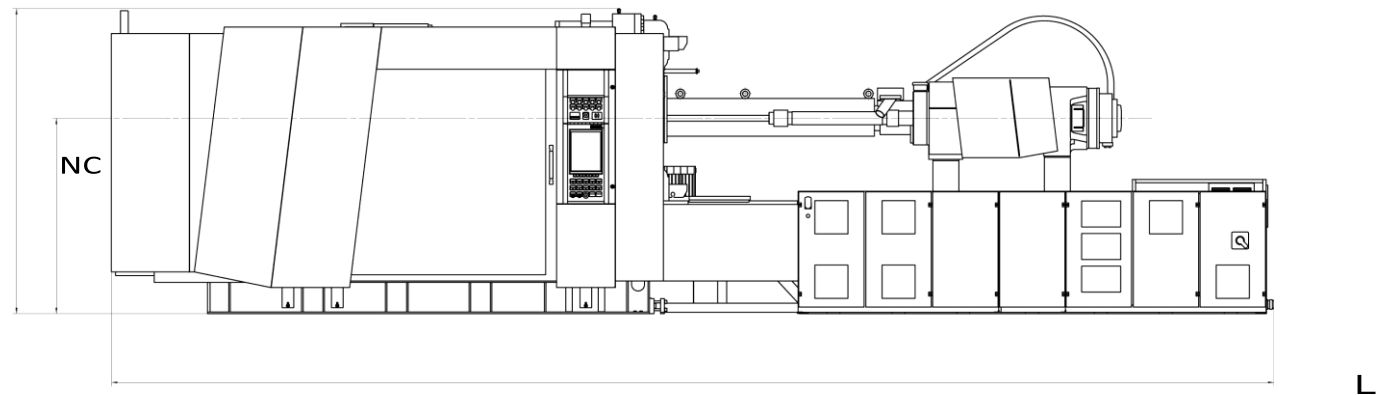
OUTSTANDING REPEATABILITY

Featuring a more powerful controller, the machine design ensures constant part quality

SMALLER FOOTPRINT

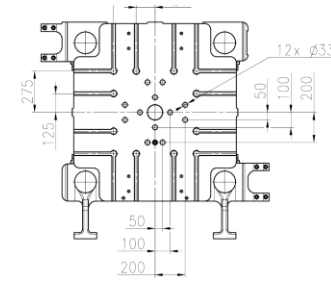
The two-platen clamping unit enables a compact design for less space requirement

t-win Injection	2000			3300			4800			7000			11000			15000			
Screw Diameter mm	55	60	70	60	70	80	70	80	90	80	90	105	90	105	120	105	120	135	150
t-win 4500																			
t-win 6500																			
t-win 8500																			
t-win 9500																			
t-win 10500																			
t-win 13500																			
t-win 15500																			
t-win 17500																			

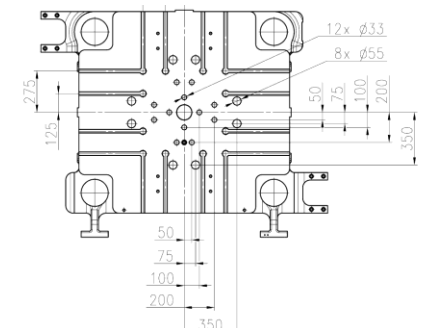


t-win Platen Dimensions

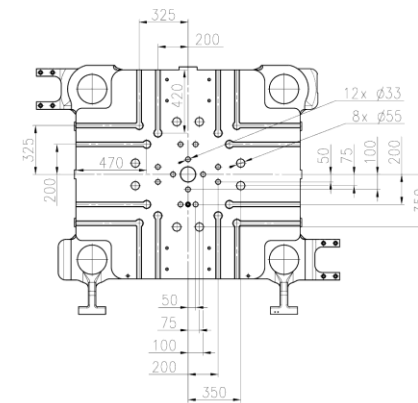
4500 kN



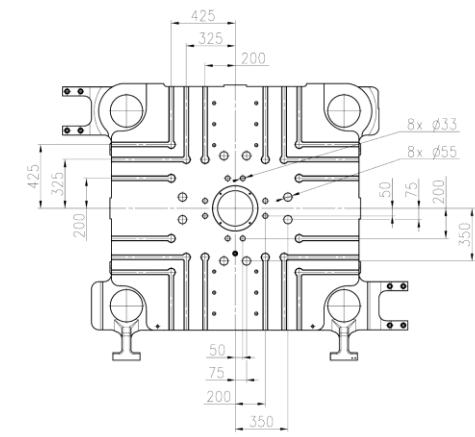
6500 kN



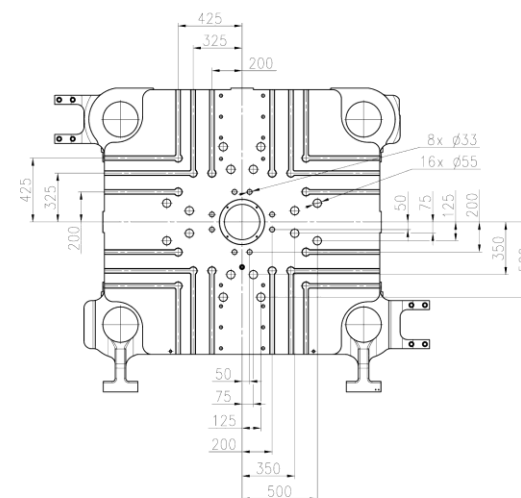
8500 kN



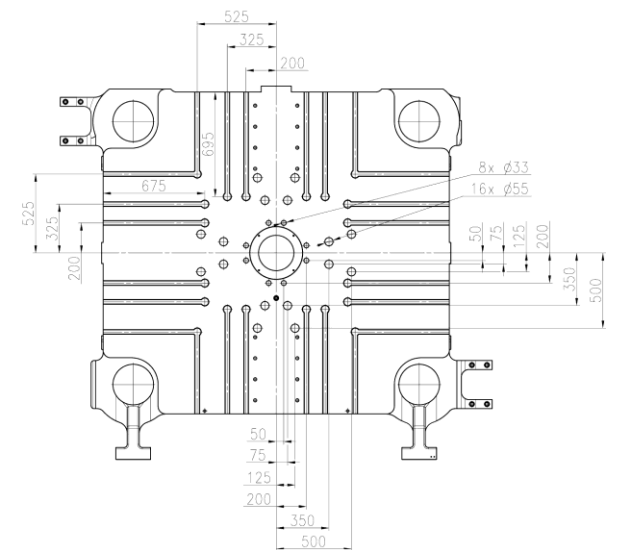
9500/10500 kN



13500 kN



17500 kN



t-win Machine Dimensions

	mm	t-win 4500	t-win 6500		t-win 8500		t-win 9500		t-win 10500		t-win 13500		t-win 15500/ 17500	
		2000/ 3300	2000/ 3300	4800/7000	2000/ 3300	4800/7000	4800/ 7000	11000	4800/ 7000	11000/15000	4800/7000	11000/15000	4800/7000	11000/15000
Length (L)	mm	7200	7600	8800	7700	8900	9400	10400	9400	10400	9800	10800	11500	
With (W)	mm	2300	2700		2700		3000		3000		3100		3600	
Height (H)	mm	2400	2400		2400		2600		2600		2700		3200	
Height nozzle center (NC)	mm	1400	1400		1500		1500		1500		1650		1890	

t-win Clamping Unit										
			t-win 4500	t-win 6500	t-win 8500	t-win 9500	t-win 10500	t-win 13500	t-win 15500	t-win 17500
Clamping force		kN	4500	6500	8500	9500	10500	13500	15500	17500
Opening force with pressure pad		kN	260	440	510	620	620	760	1000	1000
Opening force with moving cylinder		kN	156	192	192	284	284	284	393	393
Opening stroke		mm	1050	1350	1400	1600	1600	1800	2350	2350
Mold height min.		mm	350	400	450	500	500	600	700	700
Mold height max.		mm	850	950	950	1100	1100	1200	1400	1400
Total daylight max.		mm	1400	1750	1850	2100	2100	2400	3050	3050
Platen size hor. x vert.		mm	1100x1190	1420x1370	1510x1440	1675x1630	1675x1630	1850x1770	2320x2180	2320x2180
Distance between tie bar hor. x vert.		mm	800x800	1030x910	1100x960	1250x1100	1250x1100	1400x1150	1650x1500	1650x1500
Mold weight max.		kg	6500	9500	11000	13000	13000	21000	30000	30000
Ejector stroke		mm	250	250	250	300	300	300	300	300
Ejector force forward/retrun		kN	95/47	95/47	95/47	180/85	180/85	215/101	230/108	230/108
Dry operation (Eur 6) time / stroke		sec	3.1 / 550	3.7 / 700	4.0 / 750	4.6 / 850	4.6 / 850	5.1 / 1000	5.7 / 1150	5.7 / 1150
Weight CU		t	11	16	20	30	30	39	58	58

t-win Injection Unit																					
			2000			3300			4800			7000			11000			15000			
Screw diameter		mm	55	60	70	60	70	80	70	80	90	80	90	105	90	105	120	105	120	135	150
Screw stroke		mm	330	350	350	360	420	430	420	480	480	480	540	550	540	630	630	630	720	730	730
Injection capacity		cm³	784	990	1347	1018	1616	2161	1616	2413	3054	2413	3435	4762	3435	5455	7125	5455	8143	10449	12900
Screw speed		min ⁻¹	220			200			160			140			120			90			
L/D ratio		L/D	22			22			22			22			22			22			
Plasticizing rate (3 zones)*		g / s	40.0	49.9	74.2	45.3	67.5	92.4	54.0	73.9	101.8	64.7	89.1	132.7	76.4	113.7	159.5	85.3	119.6	161.4	210.8
Injection rate		cm ³ /s	188	223	304	204	277	362	258	337	426	327	414	563	388	528	690	563	735	930	1149
Injection rate (regenerative)		cm ³ /s	216	257	350	243	331	432	304	397	503	372	471	641	471	641	837	693	905	1145	1414
**Injection rate (Accu. increased)		cm³/s	594	707	962	565	770	1005	699	913	1156	855	1272	1732	1083	1474	1925	1299	1696	2147	2651
Injection pressure (regenerative)		bar	1990	1730	1270	1940	1690	1290	1960	1710	1350	2020	1760	1290	1900	1650	1270	1860	1450	1150	930
Injection pressure max.		bar	2300	2000	1469	2300	2000	1531	2300	2000	1580	2300	2000	1469	2300	2000	1531	2300	1800	1422	1152
Nozzle stroke		mm	600			600			800			800			800			800			
Nozzle contact pressure		kN	110			110			150			150			150			150			
Heating wattage (incl. nozzle)		kW	20	21	24	21	24	27	23	26	29	26	29	34	45	51	57	51	57	66	72
Heating zones (incl. nozzle)			5	6	6	6	6	6	6	6	7	6	7	7	6	6	7	6	7	7	8
Drive power		kW	53			53			73			90			96			115			
Oil reservoir capacity		l	550			550			760			760			1150			1150			
Weight IU		t	5.4			6			7.1			8			13.1			14.5			

* for polystyrene // ** Approximate values