

# Technical data VE1900

CLAMPING UNIT		VE1900
Clamping force	kN	1900
Toggle stroke	mm	470
Min. mold height	mm	200
Max. mold height	mm	550
Max. mold opening stroke	mm	1020
Space between tie bars	mm	570x520
Min. mold dimension	mm	370x335
Ejector stroke	mm	130
Ejector force	kN (tf)	44.1 (4.5)
Mold platen dimension	mm	855x810

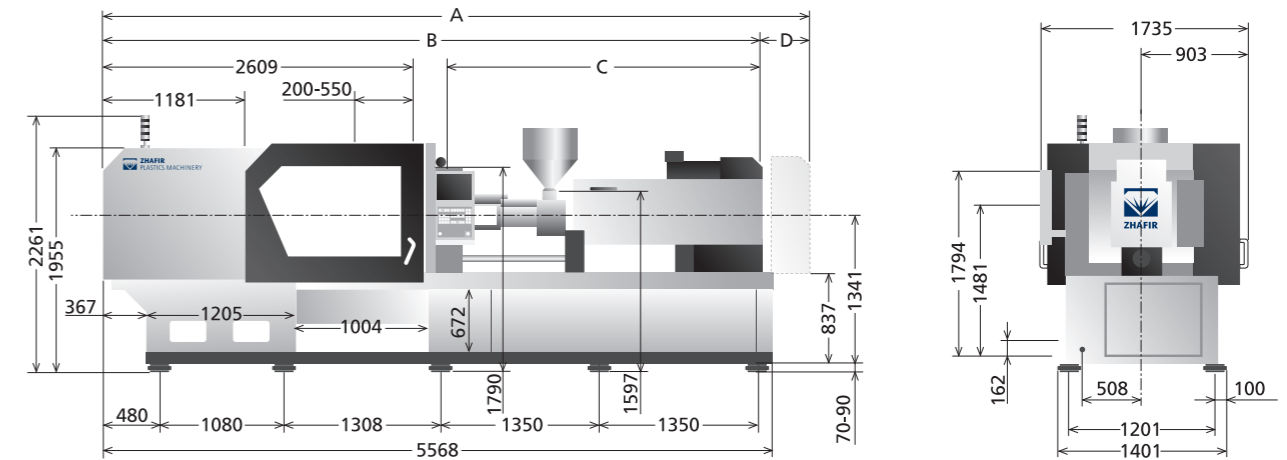
INJECTION UNIT		430h			430			580h			580		
		A	B	C	A	B	C	A	B	C	A	B	C
Screw diameter	mm	36	40	45	36	40	45	40	45	50	40	45	50
Screw L/D ratio	L/D	23.3	21	18.7	23.3	21	18.7	22.5	20	18	22.5	20	18
Shot size (theoretical)	cm <sup>3</sup>	173	213	270	173	213	270	252	319	395	252	319	395
Injection weight (PS)	g	157	194	246	157	194	246	229	290	358	229	290	358
Injection speed	mm/s	300			150			250			150		
Injection rate (PS)	g/s	277	342	434	139	171	217	285	360	445	171	216	267
Injection pressure	MPa	247	200	158	247	200	158	228	180	146	228	180	146
	bar	2520	2040	1610	2520	2040	1610	2320	1830	1490	2320	1830	1490
Holding pressure	MPa	197	160	126	197	160	126	202	160	130	202	160	130
	bar	2010	1630	1280	2010	1630	1280	2060	1630	1320	2060	1630	1320
Screw speed	rpm	400			400			350			350		
Plasticizing capacity (PS)	g/s	22.0	30.0	42.0	22.0	30.0	42.0	27.0	39.0	50.0	27.0	39.0	50.0
Nozzle touch force	kN (tf)	39.2(4.0)											
Nozzle movement distance	mm	380						415					
Heating power	kW	11.1			11.1			12.3			12.3		

OTHERS		430h, 430	430	580h, 580	580
Connection power	kW/A	43.3KW/77A	32.3KW/57A	57KW/101A	39KW/69A
Hopper capacity	l	25	25	25	25
Machine dimension (l x w x h)	m	5.68x1.73x2.26		5.92x1.73x2.26	
Machine weight	t	9.3		9.8	

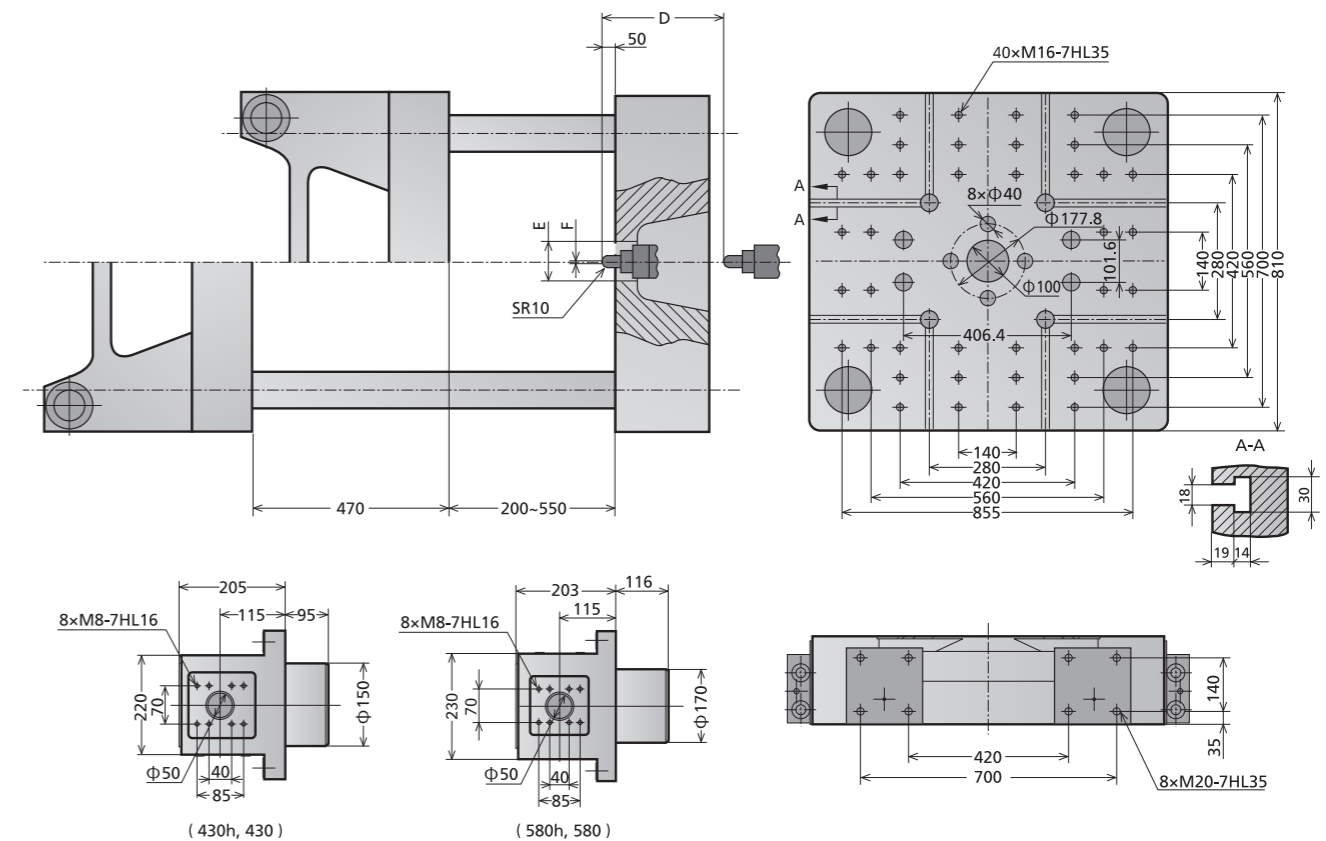
We reserve the right to make changes as a result of further technical advantages.

unit: mm

## Machine dimensions VE1900



## Platen dimensions VE1900



	A	B	C	D	E	F
430h, 430	5680	5300	2418	380	Φ125	Φ3
580h, 580	5923	5508	2626	415	Φ160	Φ3