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PLASTICS MACHINERY

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VENUS

技术参数 | SPECIFICATION

400 – 5,500 kN

ZF 20190903-CV

J®R©/iO¨ TECHNICAL DATA VE400 III

			VE400 III				
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	400			
	RR8ÐstW·•ds•	Mold opening stroke	mm	235			
	RR?-W·/©	Mold height min.	mm	150			
	RR8ÐW·/©	Mold height max.	mm	320			
	RR8ÐW·S#D“š	Max. daylight	mm	555			
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	320×320			
	RR?-W·,(?o?	Min. mold dimension	mm	205×205			
	¬Ý- •ds•	Ejector stroke	mm	60			
	¬Ý- .	Ejector force	kN	9.8			
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	460×460			
				A	B	A	B	C
注射单元 | INJECTION UNIT	•`RÍnlEˆ	Screw diameter	mm	16	19	19	22	26
	§ËEˆZñ	Screw L/D ratio	L/D	21	20	20	20	17
	\¤? >,¡€	Injection volume (theoretical)	cm^3	12	17	21	36	50
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	10.9	15.4	19.1	32.8	45.5
	\¤? /“.	Injection pressure	MPa	280	260	260	220	157
			kgf/cm^2	2850	2650	2650	2240	1600
	)B/“/“.	Holding pressure	MPa	234	198	208	175	125
			kgf/cm^2	2380	2020	2120	1780	1270
	•`RÍœ®ž	Screw speed	rpm	400		400		
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	2.5	3.8	3.8	6.0	8.8
	3 3ßLy“X.	Nozzle contact force	kN	9.8		9.8		
	kOcš. hg	Heating power	kW	4.3	4.6	4.4	5.6	5.6
	注射单元型号	INJECTION UNIT		50		80		
	\¤? ž CÞ	Injection speed	mm/s	200		200		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	35	49	49	66	92
	注射单元型号	INJECTION UNIT		50h		80h		
	\¤? ž CÞ	Injection speed	mm/s	350		350		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	61	86	86	116	162
	注射单元型号	INJECTION UNIT		50hs		80hs		
	\¤? ž CÞ	Injection speed	mm/s	500		500		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	87	123	123	166	231
其它 | OTHERS	F^{a}kO[^>,¡€	Connection power	kW/A	50:10/16 50h:10/16 50hs:12/20		80:10/17 80h:12/21 80hs:12/21		
	OñOî>,sd •å •	Hopper capacity (0P)	l	15		15		
	8^{a}EN - – 8 –)	Machine dimension	m	3.6×1.3×1.9		3.6×1.3×1.9		
	R¼4<¡~¡€	Machine weight	t	2.5		2.5		

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\¤? ¡~¡ễw 1 4æ₱ýk=\¤? >,¡€K}•ø…….&écœm¸dç• FV>™CÞL v¾•\lím¸i –ÿ)éö<
\¤? /“. 1$)B/“/“. &¹R¼4<œÕ- m¸i –ÿ)éæÇ‡« >J¨âT •R/“. ö<
7U.Ê•Jæw 1 4æ&¹Sû,¥ •~(•`RÍPžm¸O¨)éö<
. 1 B L H Gn D/N U G

NOTE:
[1] Shot volume is the theoretical value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.
[2] Shot weight (PS) is the theoretical value of shot volume melt density of PS.It is not a measured value.
[3] Injection & holding pressure are theoretical values of machine output, not the actual resin pressure.
[4] Plasticizing capacity(PS) is based on standard screw configuration.

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R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₱Ó&v0%•dž oü o

This parameter table is based on machine standard configurationö<
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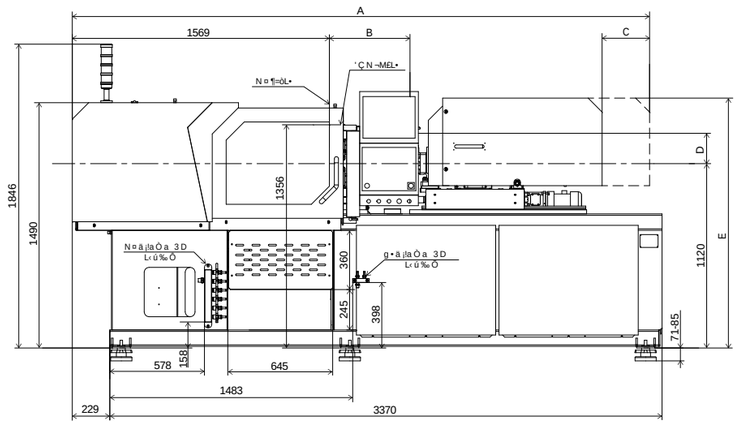
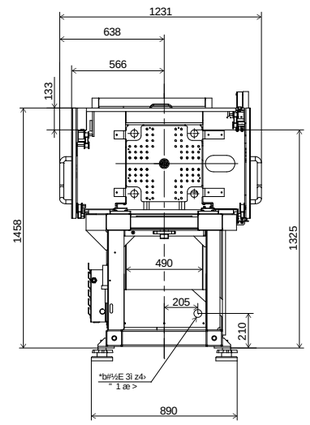
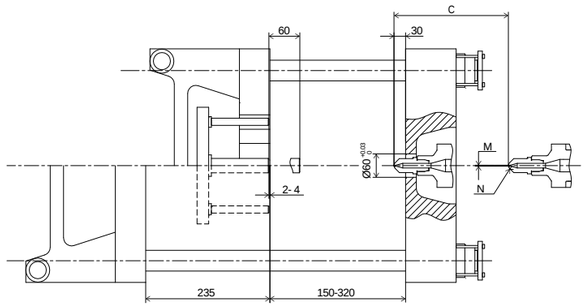
8ª6 ?o?]] MACHINE DIMENSIONS

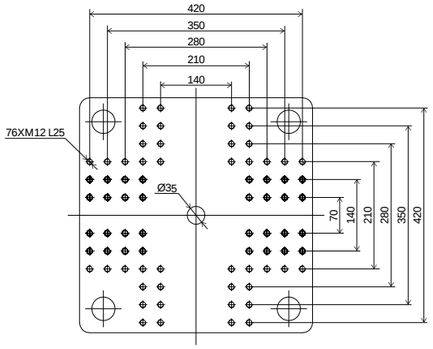




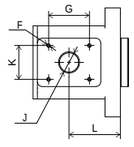
	A	B	C	D	E	F	G	H	J	K	L	M	N
50hs,50h,50	3612	438	290	199	1518	4×M8 L16	85	110	Ø35	70	59	Ø2	SR10
80hs,80h,80	3523	492	290	184	1518	4×M8 L16	85	95	Ø35	70	97	Ø2.2	SR10

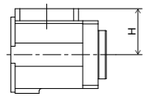
W·S#?o?]] PLATEN DIMENSIONS

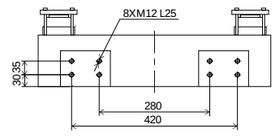




,&> ?o?]] OTHERS DIMENSIONS







J®R©/iO¨ TECHNICAL DATA VE600III

			VE600III					
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	600				
	RR8ÐstW·•ds•	Mold opening stroke	mm	270				
	RR?-W·/©	Mold height min.	mm	150				
	RR8ÐW·/©	Mold height max.	mm	370				
	RR8ÐW·S#D“š	Max. daylight	mm	640				
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	370×370				
	RR?-W·,(?o?	Min. mold dimension	mm	240×240				
	¬Ý- •ds•	Ejector stroke	mm	80				
	¬Ý- .	Ejector force	kN	19.6				
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	545×545				
				A	B	C	A	B	C
注射单元 | INJECTION UNIT	•`RÍnlE^	Screw diameter	mm	19	22	26	22	26	30
	§ËE^Zñ	Screw L/D ratio	L/D	20	20	17	20	20	17.4
	\¤? >,¡€	Injection volume (theoretical)	cm^3	21	36	50	36	58	77
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	19.1	32.8	45.5	32.8	52	70
	\¤? /“.	Injection pressure	MPa	260	220	157	280	220	165
			kgf/cm^2	2650	2240	1600	2850	2240	1680
	)B/“/“.	Holding pressure	MPa	208	175	125	220	160	120
			kgf/cm^2	2120	1780	1270	2240	1630	1220
	•`RÍœ®ž	Screw speed	rpm	400			400		
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	3.8	6.0	8.8	6.0	8.8	13
	3 3ßLy“X.	Nozzle contact force	kN		14.7			14.7	
	kOcš. hg	Heating power	kW	4.4	5.6	5.6	6.0	7.8	7.8
	注射单元型号	INJECTION UNIT			80			120	
	\¤? ž CÞ	Injection speed	mm/s		200			200	
	\¤? ž hg 1 4	Injection rate (PS)	g/s	49	66	92	66	92	123
	注射单元型号	INJECTION UNIT			80h			120h	
	\¤? ž CÞ	Injection speed	mm/s		350			350	
	\¤? ž hg 1 4	Injection rate (PS)	g/s	86	116	162	116	162	216
	注射单元型号	INJECTION UNIT			80hs			120hs	
	\¤? ž CÞ	Injection speed	mm/s		500			500	
	\¤? ž hg 1 4	Injection rate (PS)	g/s	123	166	231	166	231	308
其它 | OTHERS	F^{a}kO[^>,¡€	Connection power	kW/A		80:10/17 80h:12/21 80hs:12/21			120:14/23 120h:16/27 120hs:16/27	
	OñOî>,sd •å •	Hopper capacity (0P)	l		15			15	
	8^{a}EN - – 8 –)	Machine dimension	m		3.9×1.3×2.0			4.1×1.3×2.0	
	R¼4<¡~¡€	Machine weight	t		2.8			3.0	

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\¤? ¡~¡ễw 1 4æ₧ýk=\¤? >,¡€K}•ø……&écœm¸dç• FV>™CÞL v¾•\lím¸i –ÿ)éö<
\¤? /“. 1$)B/“/“. &¹R¼4<œÕ- m¸i –ÿ)éæÇ‡« >J¨âT •R/“. ö<
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. 1 B L H Gn D/N U G

NOTE:
[1] Shot volume is the theoretical value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.
[2] Shot weight (PS) is the theoretical value of shot volume melt density of PS.It is not a measured value.
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R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₧Ó&v0%•dž oü o

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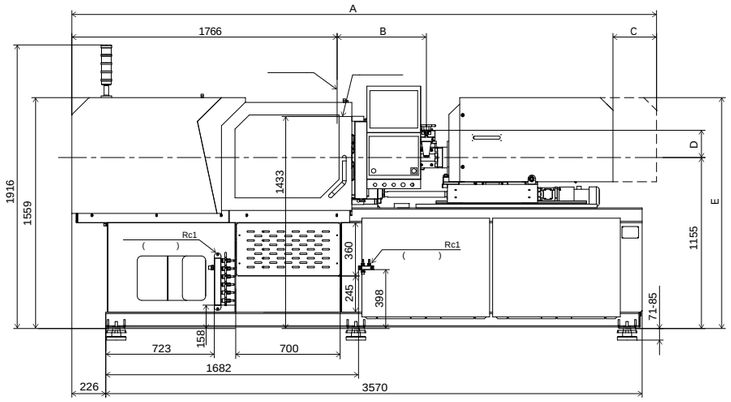
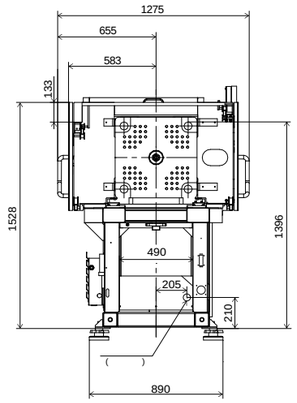
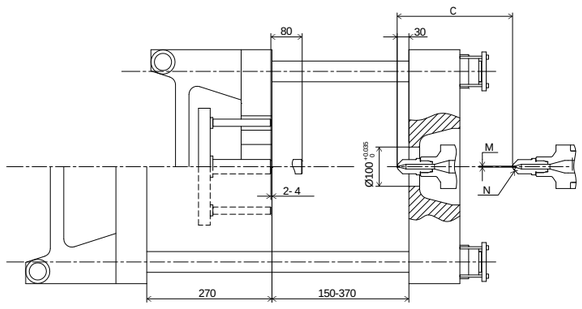
8ª6 ?o?]] MACHINE DIMENSIONS

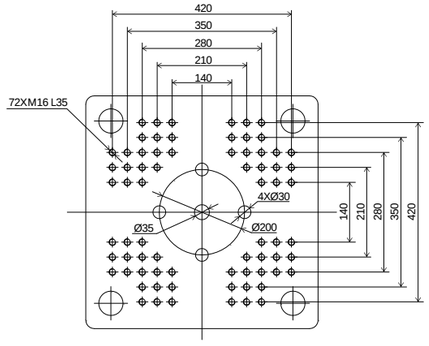




	A	B	C	D	E	F	G	H	J	K	L	M	N
80hs,80h,80	3899	491	290	184	1553	4×M8 L16	85	95	Ø35	70	97	Ø2.2	SR10
120hs,120h,120	4071	593	290	184	1559	4×M8 L16	85	95	Ø40	70	107	Ø2.5	SR10

W·S#?o?]] PLATEN DIMENSIONS





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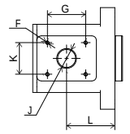

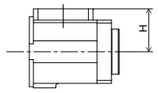

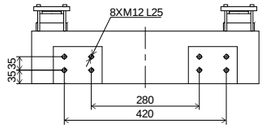

J®R©/iO¨ T]E]CHNICAL DATA VE900III

			VE900III
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	900
	RR8ÐstW·•ds•	Mold opening stroke	mm	320
	RR?-W·/©	Mold height min.	mm	150
	RR8ÐW·/©	Mold height max.	mm	410
	RR8ÐW·S#D"š	Max. daylight	mm	730
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	420×420
	RR?-W·,(?o?	Min. mold dimension	mm	270×270
	¬Ý- •ds•	Ejector stroke	mm	80
	¬Ý- .	Ejector force	kN	19.6
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	615×615

注射单元 | INJECTION UNIT				A	B	C	A	B	C	AA	A	B	C
	•`RÍnlE^	Screw diameter	mm	22	26	30	26	28	30	26	28	32	36
	§ËE^Zñ	Screw L/D ratio	L/D	20	20	17.4	21	21	19.6	21	21	21	18.6
	\¤? >,¡€	Injection volume (theoretical)	cm^3	36	58	77	58	67	77	61	70	100	127
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	32.8	52	70	52	61	70	55	64	91	115
	\¤? /".	Injection pressure	MPa	280	220	165	260	220	192	280	260	200	160
			kgf/cm^2	2850	2240	1680	2650	2240	1950	2850	2650	2040	1630
	)B/"/".	Holding pressure	MPa	220	160	120	160	138	120	224	206	160	126
			kgf/cm^2	2240	1630	1220	1630	1400	1220	2280	2100	1630	1280
	•`RÍœ®ž	Screw speed	rpm		400			400			400		
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	6.0	8.8	13	8.8	11	13	8.8	11	16	22
	3 3ßLy"X.	Nozzle contact force	kN		19.6			19.6			19.6		
	kOcš. hg	Heating power	kW	6.0	7.8	7.8	7.4	7.4	7.4	6.9	7.8	9.2	9.2
	注射单元型号	INJECTION UNIT			120			160			210		
	\¤? ž CÞ	Injection speed	mm/s		200			200			200		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	66	92	123	92	107	123	92	107	140	177
	注射单元型号	INJECTION UNIT			120h			160h			210h		
	\¤? ž CÞ	Injection speed	mm/s		350			350			350		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	116	162	216	162	188	216	162	188	245	311
	注射单元型号	INJECTION UNIT			120hs			160hs			210hs		
	\¤? ž CÞ	Injection speed	mm/s		500			500			500		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	166	231	308	231	268	308	231	268	351	444
其它 | OTHERS	F^kO[^>,¡€	Connection power	kW/A		120:14/23 120h:16/27 120hs:16/27			160:13/22 160h:16/27 160hs:18/31			210:14/24 210h:19/32 210hs:22/36		
	OñOî>,sd •å •	Hopper capacity (0P)	l		15			15			25		
	8ªEN - – 8 –)	Machine dimension	m		4.2×1.4×2.1			4.4×1.4×2.1			4.4×1.4×2.1		
	R¼4<¡~¡€	Machine weight	t		4			4			4.1		

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. 1 B L H Gn D/N U G

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R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₱Ó&v0%•dž oü o

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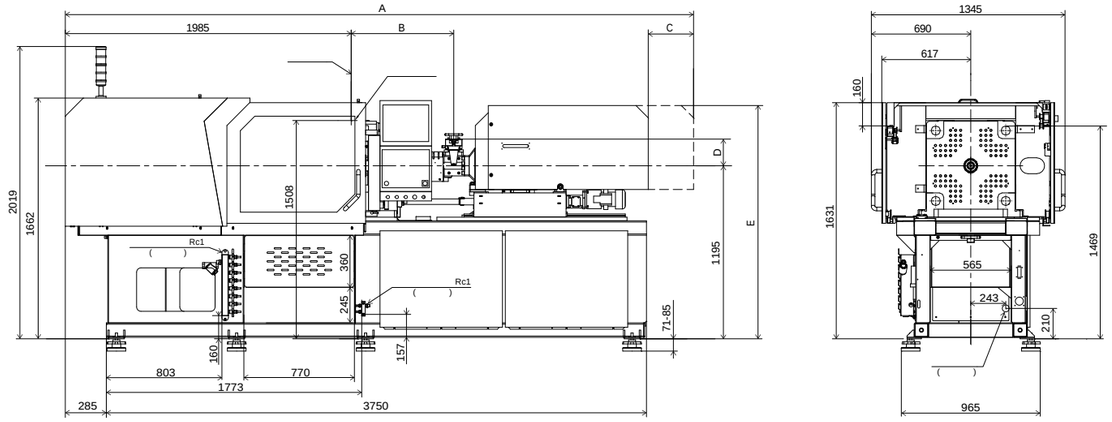
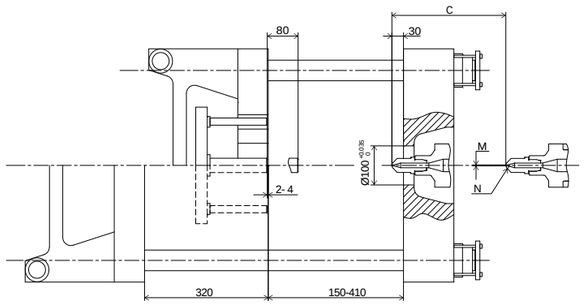
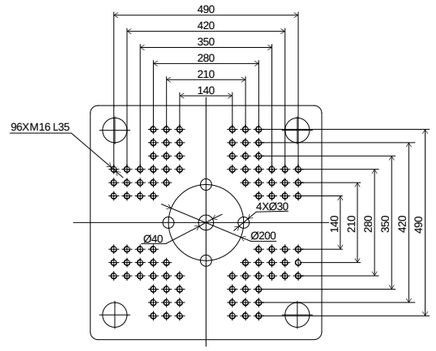
8ª6 ?o?]] MACHINE DIMENSIONS



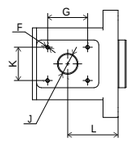
	A	B	C	D	E	F	G	H	J	K	L	M	N
120hs,120h,120	4139	597	315	184	1600	4×M8 L16	85	95	Ø40	70	107	Ø2.5	SR10
160hs,160h,160	4344	713	315	184	1611	4×M8 L16	85	95	Ø40	70	88	Ø2.5	SR10
210hs,210h,210	4363	713	315	184	1611	4×M8 L16	85	95	Ø40	70	107	Ø2.5	SR10

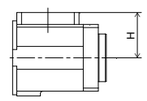
W·S#?o?]] PLATEN DIMENSIONS

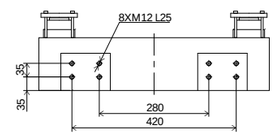




,&> ?o?]] OTHERS DIMENSIONS







J®R©/iO¨ T]E]CHNICAL DATA VE1200 III

			VE1200 III													
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	1200												
	RR8ÐstW·•ds•	Mold opening stroke	mm	360												
	RR?-W·/©	Mold height min.	mm	150												
	RR8ÐW·/©	Mold height max.	mm	480												
	RR8ÐW·S#D“š	Max. daylight	mm	840												
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	470×470												
	RR?-W·,(?o?	Min. mold dimension	mm	305×305												
	¬Ý- •ds•	Ejector stroke	mm	100												
	¬Ý- .	Ejector force	kN	29.4												
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	690×690												
				A	B	C	AA	A	B	C	AA	A	B	C	A	B	C
	•`RÍnlE^	Screw diameter	mm	26	28	30	26	28	32	36	30	32	36	40	36	40	45
	§ËE^Zñ	Screw L/D ratio	L/D	21	21	19.6	21	21	21	18.6	21	22.5	20	18	23.3	21	18.7
	\¤? >,¡€	Injection volume (theoretical)	cm^3	58	67	77	61	70	100	127	102	116	147	182	173	213	270
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	52	61	70	55	64	91	115	92	106	134	165	157	194	246
	\¤? /“.	Injection pressure	MPa	260	220	192	280	260	200	160	280	253	200	162	247	200	158
			kgf/cm^2	2650	2240	1950	2850	2650	2040	1630	2850	2580	2040	1650	2520	2040	1610
	)B/“/“.	Holding pressure	MPa	160	138	120	224	206	160	126	224	202	160	130	197	160	126
			kgf/cm^2	1630	1400	1220	2280	2100	1630	1280	2280	2060	1630	1320	2010	1630	1280
	•`RÍœ®ž	Screw speed	rpm	400			400				400				400		
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	8.8	11	13	8.8	11	16	22	12.8	16	22	30	22	30	42
	3 3ßLy“X.	Nozzle contact force	kN	24.5			24.5				24.5				24.5		
	kOcš. hg	Heating power	kW	7.4	7.4	7.4	6.9	7.8	9.2	9.2	10.4	11.8	11.8	11.8	13.4		
注射单元 | INJECTION UNIT	注射单元型号	INJECTION UNIT		160			210				300				430(OP)		
	\¤? ž CÞ	Injection speed	mm/s	200			200				200				200		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	92	107	123	92	107	140	177	123	140	177	219	177	219	277
	注射单元型号	INJECTION UNIT		160h			210h				300h				430h(OP)		
	\¤? ž CÞ	Injection speed	mm/s	350			350				300				300		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	162	188	216	162	188	245	311	185	210	266	329	266	329	416
	注射单元型号	INJECTION UNIT		160hs			210hs				300hs				430hs(OP)		
	\¤? ž CÞ	Injection speed	mm/s	500			500				400				400		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	231	268	308	231	268	351	444	247	281	355	439	355	439	555
其它 | OTHERS	F^{a}kO[^>,¡€	Connection power	kW/A	160:13/22 160h:16/27 160hs:18/31			210:14/24 210h:19/32 210hs:22/36				300:18/30 300h:23/38 300hs:23/38				430:27/46 430h:27/46 430hs:27/46		
	OñOî>,sd •å •	Hopper capacity (0P)	l	15			25				25				25		
	8^{a}EN - – 8 –)	Machine dimension	m	4.6×1.5×2.2			4.6×1.5×2.2				4.9×1.5×2.2				5.4×1.5×2.2		
	R¼4<¡~¡€	Machine weight	t	5			5.1				5.4				5.5		

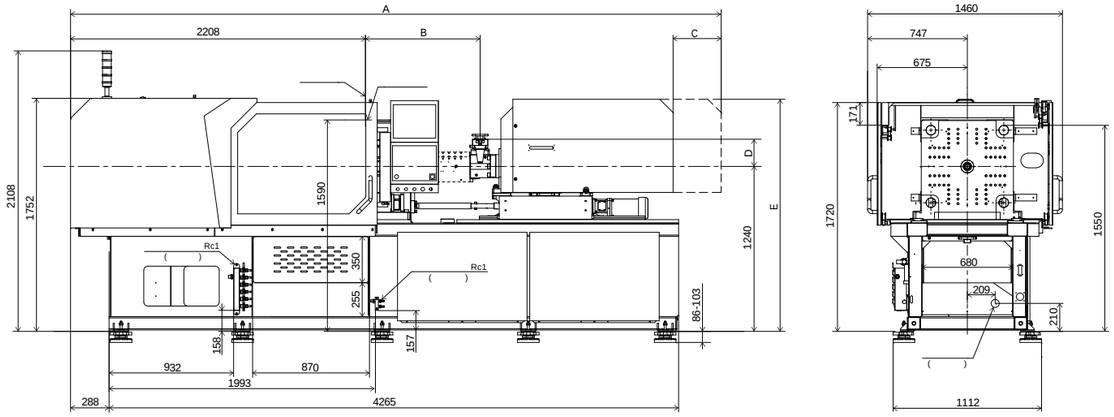
\¤ö; \¤? >,¡€&¹i –ÿ–æv¾>,sdæ∱p•`RÍlôOñv2SÙ7qm¸WÇJ « sd – - >A\¤? •ds•ö<
\¤? ¡~¡ễew 1 4æ₱ýk=\¤? >,¡€K}•ø……&écœm¸dç• FV>™CÞL v¾•\lím¸i –ÿ)éö<
\¤? /“. 1$)B/“/“. &¹R¼4<œÕ- m¸i –ÿ)éæÇ‡« >J¨ãT •R/“. ö<
7U.Ê•Jæw 1 4æ&¹Sû,¥ •~(•`RÍPžm¸O¨)éö<
. 1 B L H Gn D/N U G

NOTE:
[1] Shot volume is the theoretical value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.
[2] Shot weight (PS) is the theoretical value of shot volume melt density of PS.It is not a measured value.
[3] Injection & holding pressure are theoretical values of machine output, not the actual resin pressure.
[4] Plasticizing capacity(PS) is based on standard screw configuration.

R¥/iO¨••6Ç'5R¼4<Sû,¥ •~(ö<
R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₱Ó&v0%•dž oü o

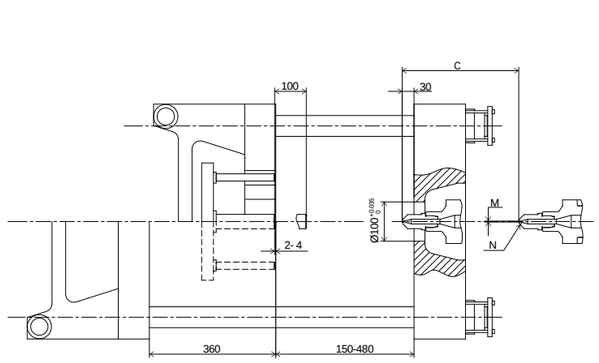
This parameter table is based on machine standard configurationö<
We reserve the right to make changes as a result of further technical advances.

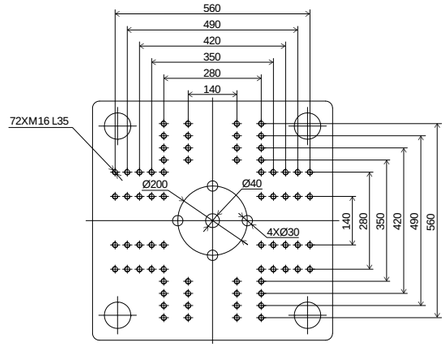
8ª6 ?o?]] MACHINE DIMENSIONS



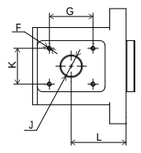
	A	B	C	D	E	F	G	H	J	K	L	M	N
160hs,160h,160	4546	692	315	184	1656	4×M8 L16	85	95	Ø40	70	88	Ø2.5	SR10
210hs,210h,210	4586	713	315	184	1656	4×M8 L16	85	95	Ø40	70	107	Ø2.5	SR10
300hs,300h,300	4873	860	360	205	1745	4×M8 L16	85	120	Ø45	70	117	Ø2.5	SR10
430hs,430h,430	5359	1009	360	224	1764	4×M8 L16	85	135	Ø50	70	99	Ø3	SR10

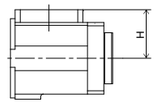
W·S#?o?]] PLATEN DIMENSIONS

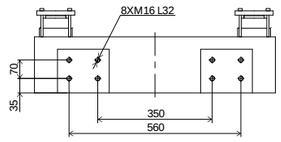




,&> ?o?]] OTHERS DIMENSIONS







J®R©/iO¨ TECHNICAL DATA VE1500 III

			VE1500 III													
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	1500												
	RR8ÐstW·•ds•	Mold opening stroke	mm	420												
	RR?-W·/©	Mold height min.	mm	180												
	RR8ÐW·/©	Mold height max.	mm	520												
	RR8ÐW·S#D“š	Max. daylight	mm	940												
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	520×520												
	RR?-W·,(?o?	Min. mold dimension	mm	335×335												
	¬Ý- •ds•	Ejector stroke	mm	120												
	¬Ý- .	Ejector force	kN	34.3												
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	770×770												
				AA	A	B	C	AA	A	B	C	A	B	C	A	B	C
	•`RÍnlE^	Screw diameter	mm	26	28	32	36	30	32	36	40	36	40	45	40	45	50
	§ËE^Zñ	Screw L/D ratio	L/D	21	21	21	18.6	21	22.5	20	18	23.3	21	18.7	22.5	20	18
	\¤? >,¡€	Injection volume (theoretical)	cm^3	61	70	100	127	102	116	147	182	173	213	270	252	319	394
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	55	64	91	115	92	106	134	165	157	194	246	229	290	358
	\¤? /“.	Injection pressure	MPa	280	260	200	160	280	253	200	162	247	200	158	253	200	162
			kgf/cm^2	2850	2650	2040	1630	2850	2580	2040	1650	2520	2040	1610	2580	2040	1650
	)B/“/“.	Holding pressure	MPa	224	206	160	126	224	202	160	130	197	160	126	202	160	130
			kgf/cm^2	2280	2100	1630	1280	2280	2060	1630	1320	2010	1630	1280	2060	1630	1320
	•`RÍœ®ž	Screw speed	rpm	400				400				400			350		
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	8.8	11	16	22	12.8	16	22	30	22	30	42	27	39	50
	3 3ßLy“X.	Nozzle contact force	kN	19.6				29.4				29.4			29.4		
	kOcš. hg	Heating power	kW	6.9	7.8	9.2	9.2	10.4	11.8	11.8	11.8	13.4			14.8		
注射单元 | INJECTION UNIT	注射单元型号	INJECTION UNIT		210				300				430			640(OP)		
	\¤? ž CÞ	Injection speed	mm/s	200				200				200			160		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	92	107	140	177	123	140	177	219	177	219	277	175	222	274
	注射单元型号	INJECTION UNIT		210h				300h				430h			640h(OP)		
	\¤? ž CÞ	Injection speed	mm/s	350				300				300			250		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	162	188	245	311	185	210	266	329	266	329	416	274	347	428
	注射单元型号	INJECTION UNIT		210hs				300hs				430hs			640hs(OP)		
	\¤? ž CÞ	Injection speed	mm/s	500				400				400			350		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	231	268	351	444	247	281	355	439	355	439	555	384	486	600
其它 | OTHERS	F^kO[^>,¡€	Connection power	kW/A	210:14/24 210h:19/32 210hs:22/36				300:18/30 300h:23/38 300hs:23/38				430:27/46 430h:27/46 430hs:27/46			640:28/47 640h:28/47 640hs:33/56		
	OñOî>,sd •å •	Hopper capacity (0P)	l	25				25				25			25		
	8ªEN - – 8 –)	Machine dimension	m	5.0×1.5×2.2				5.2×1.5×2.2				5.7×1.5×2.2			5.8×1.5×2.2		
	R¼4<¡~¡€	Machine weight	t	6.3				6.5				6.7			7.0		

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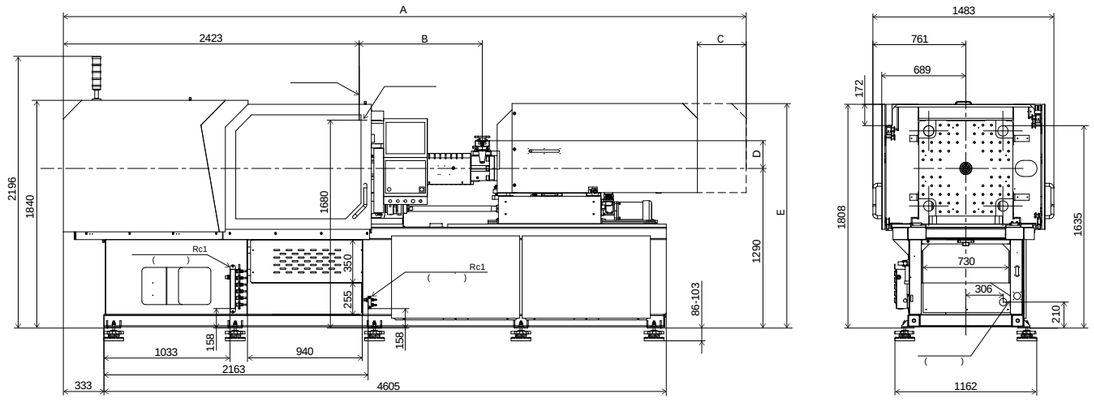
\¤? ¡~¡ễw 1 4æ₧ýk=\¤? >,¡€K}•ø……&écœm¸dç• FV>™CÞL v¾•\lím¸i –ÿ)éö<
\¤? /". 1$)B/“/". &¹R¼4<œÕ- m¸i –ÿ)éæÇ‡« >J¨ãT •R/". ö<
7U.Ê•Jæw 1 4æ&¹Sû,¥ •~(•`RÍPžm¸O¨)éö<
. 1 B L H Gn D/N U G

NOTE:
[1] Shot volume is the theoretical value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.
[2] Shot weight (PS) is the theoretical value of shot volume melt density of PS.It is not a measured value.
[3] Injection & holding pressure are theoretical values of machine output, not the actual resin pressure.
[4] Plasticizing capacity(PS) is based on standard screw configuration.

R¥/iO¨••6Ç'5R¼4<Sû,¥ •~(ö<
R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₧Ó&v0%•dž oü o

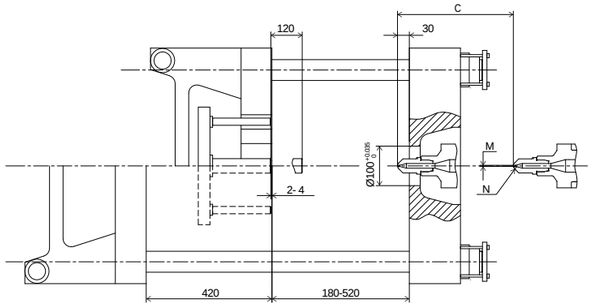
This parameter table is based on machine standard configurationö<
We reserve the right to make changes as a result of further technical advances.

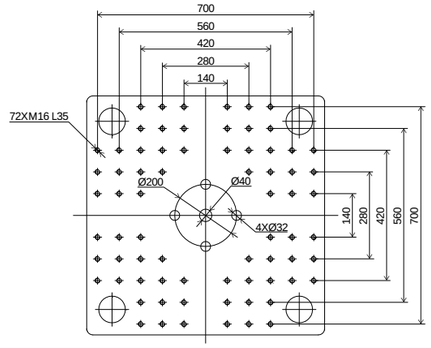
8ª6 ?o?]] MACHINE DIMENSIONS



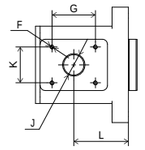
	A	B	C	D	E	F	G	H	J	K	L	M	N
210hs,210h,210	4885	712	400	184	1706	4×M8 L16	85	95	Ø40	70	107	Ø2.5	SR10
300hs,300h,300	5128	860	400	204	1795	4×M8 L16	85	120	Ø45	70	117	Ø2.5	SR10
430hs,430h,430	5613	1008	400	222	1815	4×M8 L16	85	135	Ø50	70	99	Ø3	SR10
640hs,640h,640	5713	1069	400	214	1815	4×M8 L16	85	125	Ø50	70	138	Ø3	SR10

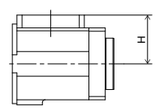
W·S#?o?]] PLATEN DIMENSIONS

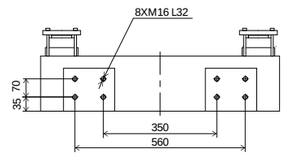




,&> ?o?]] OTHERS DIMENSIONS







J®R©/iO¨ TECHNICAL DATA VE1900 III

			VE1900 III
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	1900
	RR8ÐstW·•ds•	Mold opening stroke	mm	470
	RR?-W·/©	Mold height min.	mm	200
	RR8ÐW·/©	Mold height max.	mm	550
	RR8ÐW·S#D“š	Max. daylight	mm	1020
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	570×570
	RR?-W·,(?o?	Min. mold dimension	mm	370×370
	¬Ý- •ds•	Ejector stroke	mm	150
	¬Ý- .	Ejector force	kN	44.1
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	840×840

				AA	A	B	C	A	B	C	A	B	C	A	B	C
注射单元 | INJECTION UNIT	•`RÍnlE^	Screw diameter	mm	30	32	36	40	36	40	45	40	45	50	45	50	55
	§ËE^Zñ	Screw L/D ratio	L/D	21	22.5	20	18	23.3	21	18.7	22.5	20	18	22.2	20	18
	\¤? >,¡€	Injection volume (theoretical)	cm^3	102	116	147	182	173	213	270	252	319	394	333	412	498
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	92	106	134	165	157	194	246	229	290	358	304	375	454
	\¤? /“.	Injection pressure	MPa	280	253	200	162	247	200	158	253	200	162	247	200	165
			kgf/cm^2	2850	2580	2040	1650	2520	2040	1610	2580	2040	1650	2520	2040	1680
	)B/“/“.	Holding pressure	MPa	224	202	160	130	197	160	126	202	160	130	197	160	132
			kgf/cm^2	2280	2060	1630	1320	2010	1630	1280	2060	1630	1320	2010	1630	1340
	•`RÍœ®ž	Screw speed	rpm	400				400			350			320		
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	12.8	16	22	30	22	30	42	27	39	50	35	46	60
	3 3ßLy“X.	Nozzle contact force	kN	24.5				39.2			39.2			39.2		
	kOcš. hg	Heating power	kW	10.4	11.8	11.8	11.8	13.4			14.8			20.2		
	注射单元型号	INJECTION UNIT		300				430			640			830(OP)		
	\¤? ž CÞ	Injection speed	mm/s	200				200			160			160		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	123	140	177	219	177	219	277	175	222	274	222	274	332
	注射单元型号	INJECTION UNIT		300h				430h			640h			830h(OP)		
	\¤? ž CÞ	Injection speed	mm/s	300				300			250			250		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	185	210	266	329	266	329	416	274	347	428	347	428	518
	注射单元型号	INJECTION UNIT		300hs				430hs			640hs			830hs(OP)		
	\¤? ž CÞ	Injection speed	mm/s	400				400			350			350		
	\¤? ž hg 1 4	Injection rate (PS)	g/s	247	281	355	439	355	439	555	384	486	600	486	600	726
其它 | OTHERS	F^{a}kO[^>,¡€	Connection power	kW/A	300:18/30 300h:23/38 300hs:23/38				430:27/46 430h:27/46 430hs:27/46			640:28/47 640h:28/47 640hs:33/56			830:36/60 830h:36/60 830hs:41/69		
	OñOî>,sd •å •	Hopper capacity (0P)	l	25				25			25			50		
	8^{a}EN - – 8 –)	Machine dimension	m	5.5×1.6×2.3				6.0×1.6×2.3			6.1×1.6×2.3			6.3×1.6×2.3		
	R¼4<¡~¡€	Machine weight	t	7.4				7.8			8.2			9.1		

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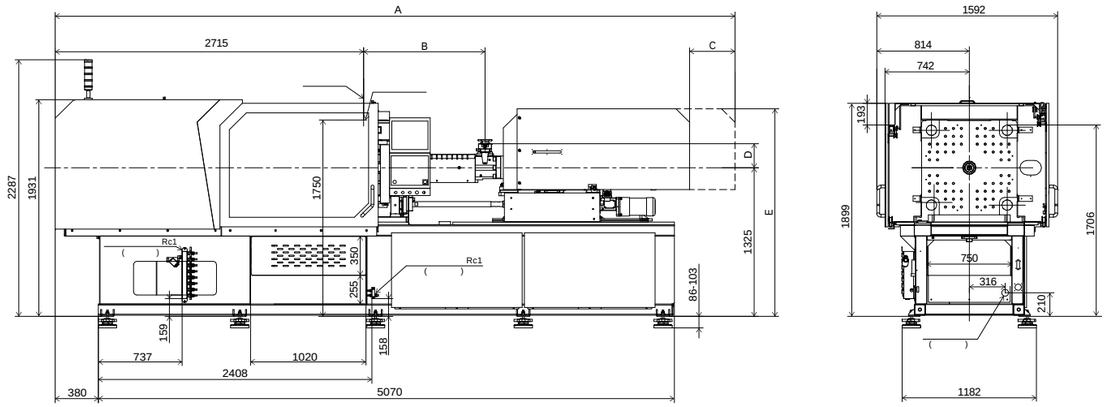
\¤? ¡~¡ễw 1 4æ₱ýk=\¤? >,¡€K}•ø……&écœm¸dç• FV>™CÞL v¾•\lím¸i –ÿ)éö<
\¤? /“. 1$)B/“/“. &¹R¼4<œÕ- m¸i –ÿ)éæÇ‡« >J¨âT •R/“. ö<
7U.Ê•Jæw 1 4æ&¹Sû,¥ •~(•`RÍPžm¸O¨)éö<
. 1 B L H Gn D/N U G

NOTE:
[1] Shot volume is the theoretical value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.
[2] Shot weight (PS) is the theoretical value of shot volume melt density of PS.It is not a measured value.
[3] Injection & holding pressure are theoretical values of machine output, not the actual resin pressure.
[4] Plasticizing capacity(PS) is based on standard screw configuration.

R¥/iO¨••6Ç'5R¼4<Sû,¥ •~(ö<
R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₱Ó&v0%•dž oü o

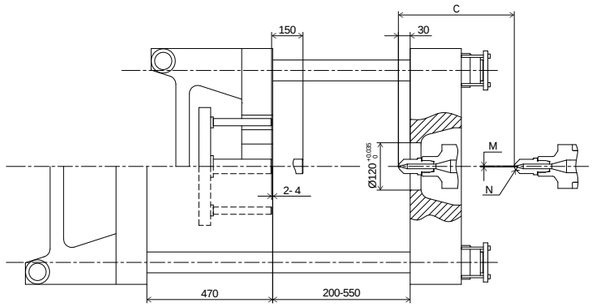
This parameter table is based on machine standard configurationö<
We reserve the right to make changes as a result of further technical advances.

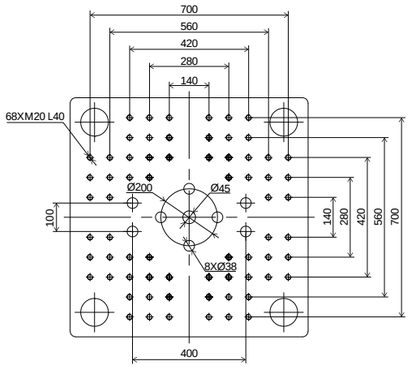
8ª6 ?o?]] MACHINE DIMENSIONS



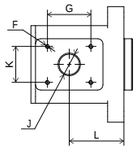
	A	B	C	D	E	F	G	H	J	K	L	M	N
300hs,300h,300	5418	858	400	206	1830	4×M8 L16	85	120	Ø45	70	117	Ø2.5	SR10
430hs,430h,430	5905	1008	400	225	1850	4×M8 L16	85	135	Ø50	70	99	Ø3	SR10
640hs,640h,640	6004	1068	400	212	1850	4×M8 L16	85	125	Ø50	70	138	Ø3	SR10
830hs,830h,830	6280	1177	400	256	2019	4×M8 L16	85	153	Ø60	70	122.5	Ø3	SR10

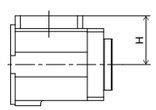
W·S#?o?]] PLATEN DIMENSIONS

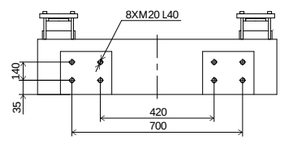




,&> ?o?]] OTHERS DIMENSIONS







J®R©/iO¨ TECHNICAL DATA VE2300 III

			VE2300 III
合模单元 | CLAMPING UNIT	0VW·.	Clamping force	kN	2300
	RR8ÐstW·•ds•	Mold opening stroke	mm	550
	RR?-W·/©	Mold height min.	mm	220
	RR8ÐW·/©	Mold height max.	mm	600
	RR8ÐW·S#D“š	Max. daylight	mm	1150
	K RÍ¨š) – 7	Dist. between tie bars (H×V)	mm	620×620
	RR?-W·,(?o?	Min. mold dimension	mm	400×400
	¬Ý- •ds•	Ejector stroke	mm	150
	¬Ý- .	Ejector force	kN	49
	W·S#?o?) – 7	Size of mold platen (H×V)	mm	920×920

				A	B	C	A	B	C	A	B	C	A	B	C
注射单元 | INJECTION UNIT	•`RÍnlE^	Screw diameter	mm	36	40	45	40	45	50	45	50	55	50	55	60
	§ËE^Zñ	Screw L/D ratio	L/D	23.3	21	18.7	22.5	20	18	22.2	20	18	22	20	18.3
	\¤? >,¡€	Injection volume (theoretical)	cm^3	173	213	270	252	319	394	333	412	498	471	570	678
	\¤? ¡~¡€ 1 4	Injection weight (PS)	g	157	194	246	229	290	358	304	375	454	428	518	617
	\¤? /“.	Injection pressure	MPa	247	200	158	253	200	162	247	200	165	218	180	151
			kgf/cm^2	2520	2040	1610	2580	2040	1650	2520	2040	1680	2220	1830	1540
	)B/“/“.	Holding pressure	MPa	197	160	126	202	160	130	197	160	132	194	160	134
			kgf/cm^2	2010	1630	1280	2060	1630	1320	2010	1630	1340	1980	1630	1360
	•`RÍœ®ž	Screw speed	rpm		400			350			320			320	
	7U.Ê•J. 1 4	Plasticizing rate (PS)	g/s	22	30	42	27	39	50	35	46	60	52	64	75
	3 3ßLy“X.	Nozzle contact force	kN		29.4			49			49			54	
	kOcš. hg	Heating power	kW		13.4			14.8			20.2			25	
	注射单元型号	INJECTION UNIT			430			640			830			1100(OP)	
	\¤? ž CÞ	Injection speed	mm/s		200			160			160			160	
	\¤? ž hg 1 4	Injection rate (PS)	g/s	177	219	277	175	222	274	222	274	332	274	332	395
	注射单元型号	INJECTION UNIT			430h			640h			830h			1100h(OP)	
	\¤? ž CÞ	Injection speed	mm/s		300			250			250			250	
	\¤? ž hg 1 4	Injection rate (PS)	g/s	266	329	416	274	347	428	347	428	518	428	518	617
	注射单元型号	INJECTION UNIT			430hs			640hs			830hs			1100hs(OP)	
	\¤? ž CÞ	Injection speed	mm/s		400			350			350			350	
	\¤? ž hg 1 4	Injection rate (PS)	g/s	355	439	555	384	486	600	486	600	726	600	726	864
其它 | OTHERS	F^kO[^>,¡€	Connection power	kW/A	430:27/46 430h:27/46 430hs:27/46			640:28/47 640h:28/47 640hs:33/56			830:36/60 830h:36/60 830hs:41/69			1100:44/73 1100h:44/73 1100hs:49/82		
	OñOî>,sd •å •	Hopper capacity (0P)	l		25			25			50			50	
	8ªEN - – 8 –)	Machine dimension	m		6.2×1.8×2.4			6.3×1.8×2.4			6.6×1.8×2.4			6.7×1.8×2.4	
	R¼4<¡~¡€	Machine weight	t		10.6			10.8			11.5			11.8	

\¤ö; \¤? >,¡€&¹i –ÿ–æv¾>,sdæ₧p•`RÍlôOñv2SÙ7qm¸WÇJ « sd – - >A\¤? •ds•ö<
\¤? ¡~¡ễw 1 4æ₧ýk=\¤? >,¡€K}•ø……&écœm¸dç• FV>™CÞL v¾•\lím¸i –ÿ)éö<
\¤? /". 1$)B/“/". &¹R¼4<œÕ- m¸i –ÿ)éæÇ‡« >J¨ãT •R/". ö<
7U.Ê•Jæw 1 4æ&¹Sû,¥ •~(•`RÍPžm¸O¨)éö<
. 1 B L H Gn D/N U G

NOTE:
[1] Shot volume is the theoretical value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.
[2] Shot weight (PS) is the theoretical value of shot volume melt density of PS.It is not a measured value.
[3] Injection & holding pressure are theoretical values of machine output, not the actual resin pressure.
[4] Plasticizing capacity(PS) is based on standard screw configuration.

R¥/iO¨••6Ç'5R¼4<Sû,¥ •~(ö<
R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æ₧Ó&v0%•dž oü o

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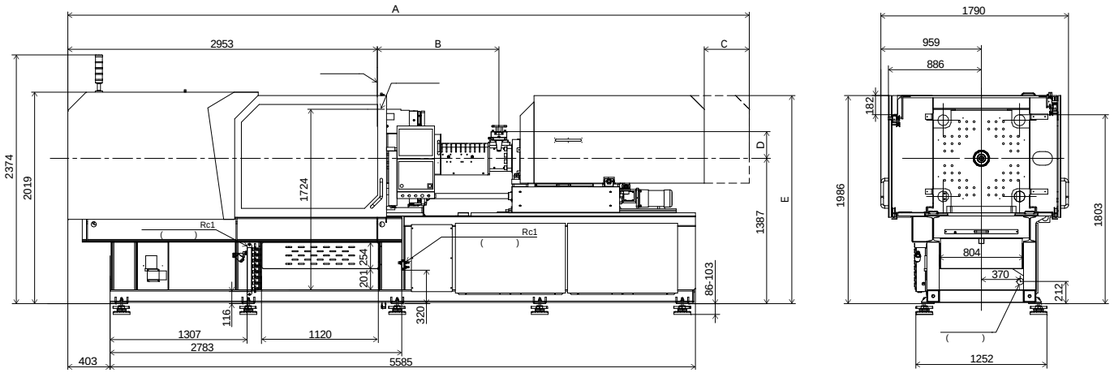
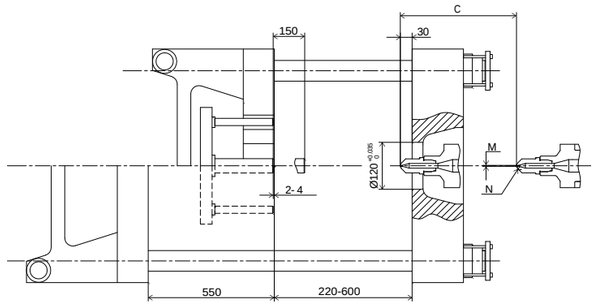
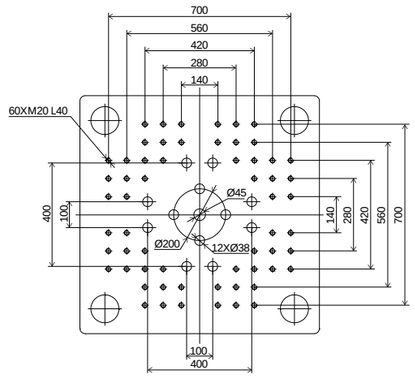
8ª6 ?o?]] MACHINE DIMENSIONS



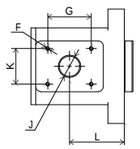
	A	B	C	D	E	F	G	H	J	K	L	M	N
430hs,430h,430	6173	1008	430	225	1912	4×M8 L16	85	135	Ø50	70	99	Ø3	SR10
640hs,640h,640	6273	1049	430	225	1912	4×M8 L16	85	125	Ø50	70	138	Ø3	SR10
830hs,830h,830	6523	1161	430	255	2080	4×M8 L16	85	153	Ø60	70	122.5	Ø3	SR10
1100hs,1100h,1100	6695	1296	430	246	2073	4×M8 L16	85	143	Ø60	70	180	Ø3	SR10

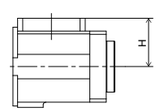
W·S#?o?]] PLATEN DIMENSIONS

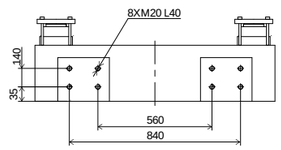


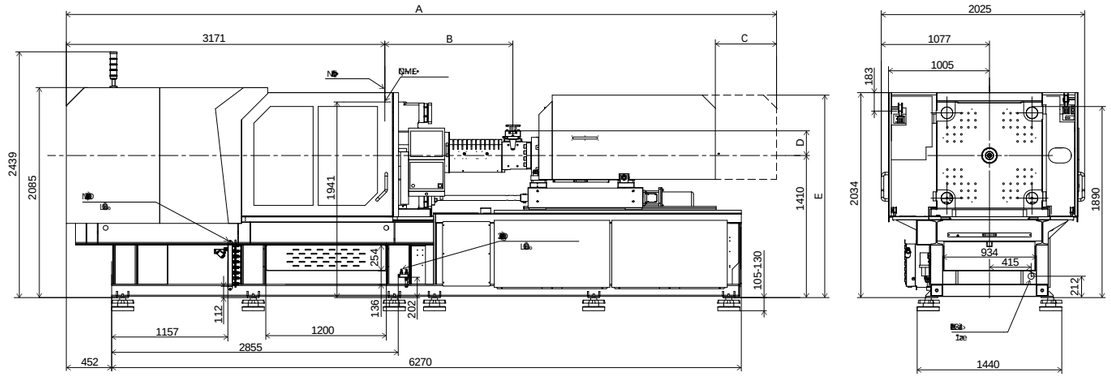


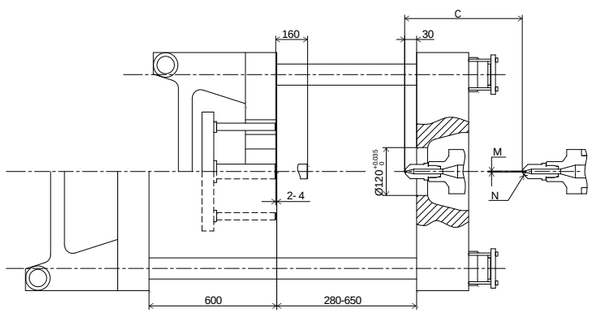
,&> ?o?]] OTHERS DIMENSIONS

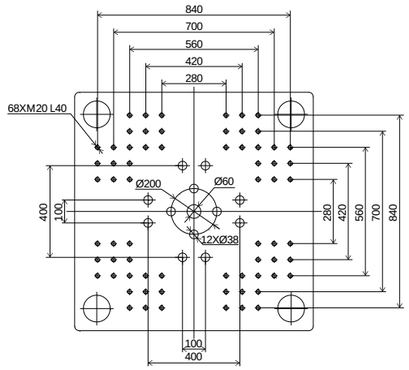


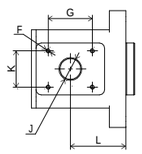


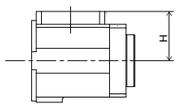


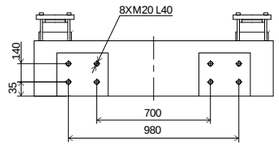












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R¥, 0@)Bk†)]OVJ®R©/iO¨m¸RÉ. æÆÓ&v0%•dž oü o