

HAITIAN INTERNATIONAL HOLDINGS LIMITED

Unit 1105 Level 11
Metroplaza Tower 2
223 Hing Fong RD Kwai Fong N.T
haitian@mail.haitian.com
www.haitian.com

NINGBO HAITIAN HUAYUAN MACHINERY CO., LTD.

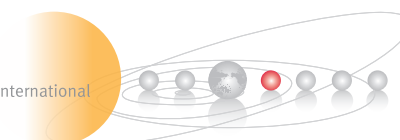
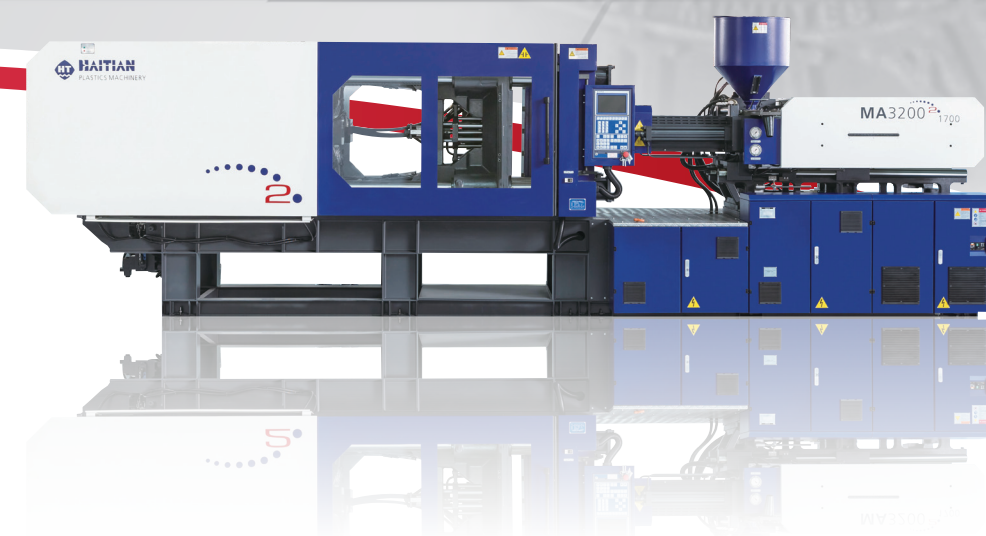
Export Processing Zone, Ningbo 315800 China
+86-574-86177242
+86-574-86221864
haitian@mail.haitian.com
www.haitian.com

Haitian **Mars²** Series

Specifications / International

Haitian Partner:

HT 20121221-IV



Specification

INJECTION UNIT

Screw diameter	mm
Screw L/D ratio	L/D
Shot size (theoretical)	cm ³
Injection weight (PS)	g
Injection rate (PS)	g/s
Injection pressure	MPa
Plasticizing rate (PS)	g/s
Screw speed	rpm

CLAMPING UNIT

Clamp tonnage	kN
Toggle stroke	mm
Space between tie bars	mm
Max. mold height	mm
Min. mold height	mm
Ejector stroke	mm
Ejector force	kN

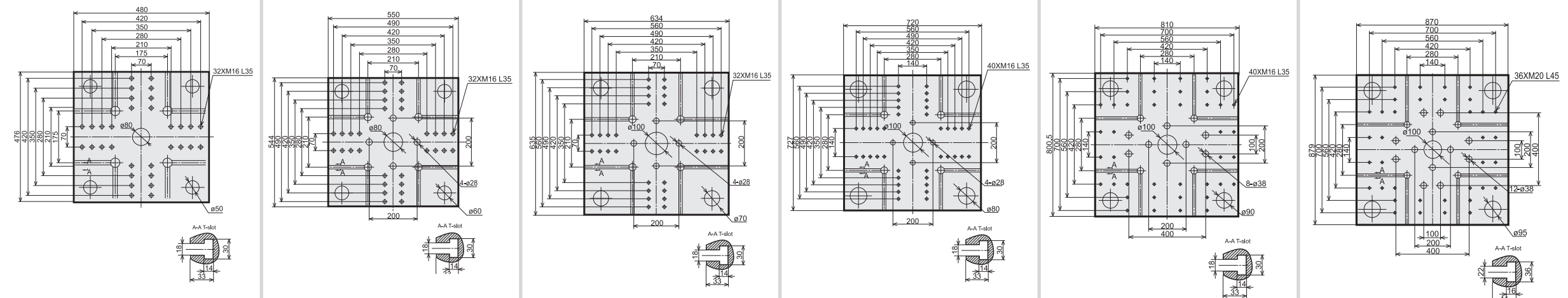
OTHERS

Max. pump pressure	MPa
Pump motor power	kW
Heater power	kW
Machine dimension (l x w x h)	m
Machine weight	t
Hopper capacity	kg
Oil tank capacity	l

MA600 II /130	MA900 II /300	MA1200 II /410	MA1600 II /600	MA2000 II /770	MA2500 II /1000
A B	A B C	A B C	A B C	A B C	A B C
24 28	32 36 40	36 40 45	40 45 50	45 50 55	50 55 60
23.3 20	22.5 20 18	23.3 21 18.7	22.5 20 18	22.2 20 18.2	22 20 18.3
50 68	121 153 188	173 214 270	253 320 395	334 412 499	471 570 679
46 62	110 139 171	157 195 246	230 291 359	304 375 454	429 519 618
57 78	85 108 133	112 139 176	131 165 204	160 198 239	216 261 311
276 203	249 196 159	236 192 151	238 188 152	231 187 154	215 178 149
6 8.6	12.7 16.8 20.3	17.6 21.3 28.4	21.2 28.1 35.3	25.7 32.2 39.4	36 44.1 52.2
0-310	0-290	0-270	0-255	0-215	0-235
600 270	900 320	1200 360	1600 430	2000 490	2500 540
310x310	360x360	410x410	470x470	530x530	580x580
330	380	450	520	550	580
120	150	150	180	200	220
70	100	120	140	140	150
22	33	33	33	62	62
16 11 5.2	16 13 6.3	16 15 9.95	16 18.5 9.95	16 22 14.3	16 30 17.1
3.75x1.05x1.87	4.4x1.13x1.91	4.88x1.20x2.03	5.4x1.30x2.08	5.9x1.43x2.16	6.42x1.48x2.18
2.5	3.5	4.35	5.65	7.1	8.4
25	25	25	25	50	50
170	190	255	300	350	455

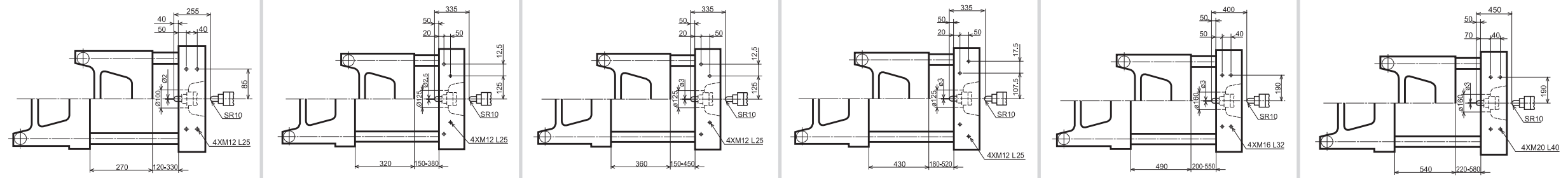
Platen dimensions

Moving platen



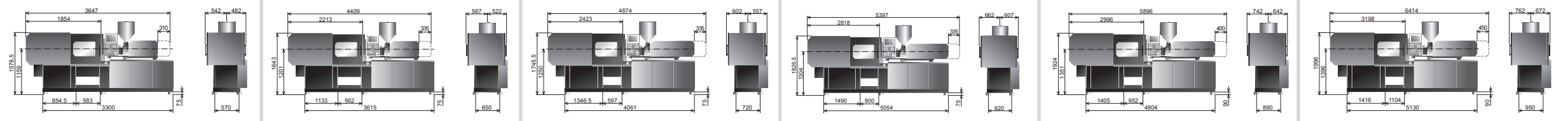
Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Machine dimensions

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



Specification

INJECTION UNIT

Screw diameter	mm
Screw L/D ratio	L/D
Shot size (theoretical)	cm³
Injection weight (PS)	g
Injection rate (PS)	g/s
Injection pressure	MPa
Plasticizing rate (PS)	g/s
Screw speed	rpm

CLAMPING UNIT

Clamp tonnage	kN
Toggle stroke	mm
Space between tie bars	mm
Max. mold height	mm
Min. mold height	mm
Ejector stroke	mm
Ejector force	kN

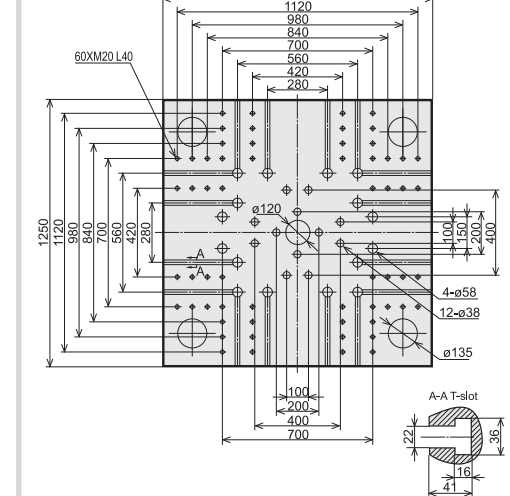
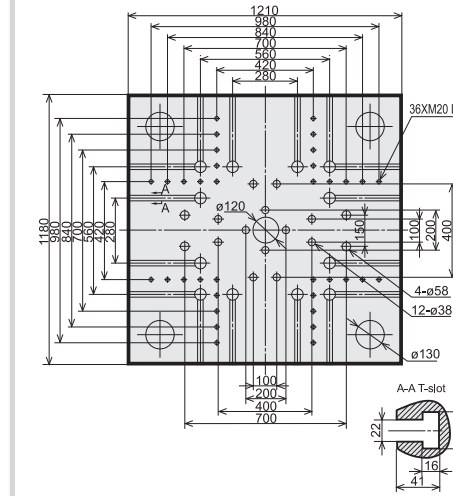
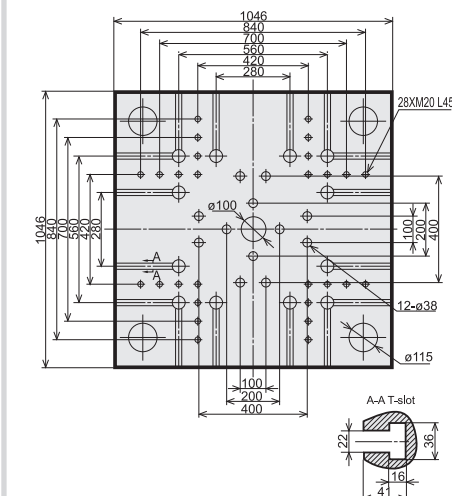
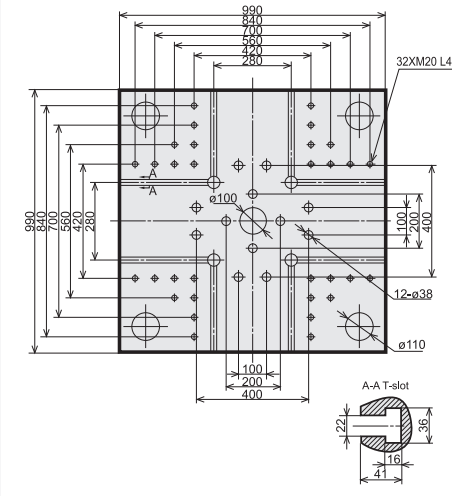
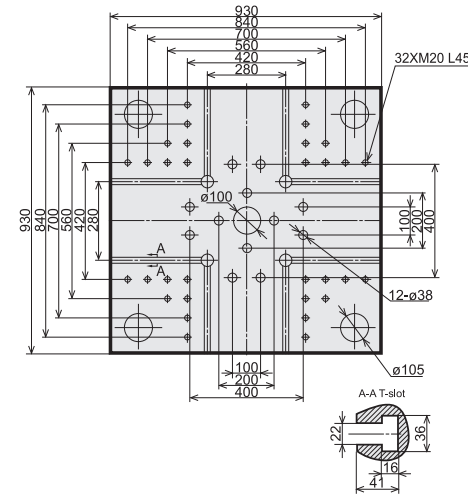
OTHERS

Max. pump pressure	MPa
Pump motor power	kW
Heater power	kW
Machine dimension (l × w × h)	m
Machine weight	t
Hopper capacity	kg
Oil tank capacity	l

MA2800 II /1350			MA3200 II /1700			MA3800 II /2250				MA4700 II /2950				MA5300 II /4500			
A	B	C	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D
55	60	65	60	65	70	65	70	75	80	70	80	84	90	80	85	90	100
21.8	20	18.5	21.7	20	18.6	21.5	20	18.7	17.5	22.9	20	19.1	17.8	22	20.7	19.6	17.6
618	735	863	792	929	1078	1068	1239	1423	1619	1424	1860	2050	2354	2212	2497	2799	3456
562	669	785	721	845	981	972	1127	1295	1473	1296	1693	1866	2142	2013	2272	2547	3145
265	316	370	299	351	407	333	386	443	504	381	498	549	630	503	568	637	787
219	184	157	213	182	157	211	182	158	139	207	158	143	125	205	182	162	131
47.7	56.6	62.9	53.4	59.2	67.2	58.6	67.3	76.1	84.4	64.7	76.8	84.3	95.3	64.7	71.5	81.4	99.5
	0-265			0-235			0-220				0-180				0-145		
	2800			3200			3800				4700				5300		
	590			640			700				780				850		
	630×630			680×680			730×730				820×800				840×830		
	630			680			730				780				850		
	230			250			280				320				350		
	150			160			180				200				220		
	62			62			110				110				158		
	16			16			16				16				16		
	37			37			45				55				55		
	19.95			22.95			28.2				31.5				42.35		
	6.53×1.64×2.25			7.01×1.7×2.25			7.46×1.84×2.19				8.15×1.99×2.36				9.27×2.04×2.74		
	11			13.2			14.7				18.5				26		
	50			50			50				100				200		
	580			690			690				830				940		

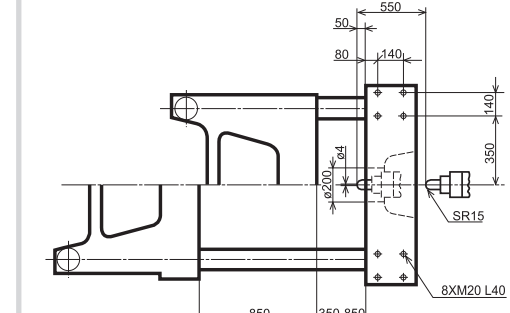
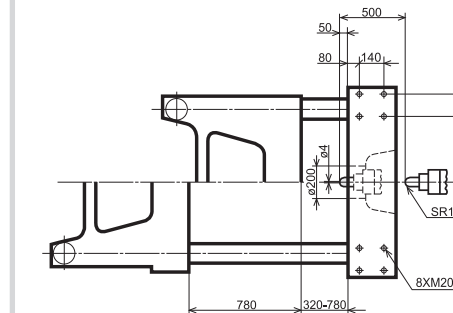
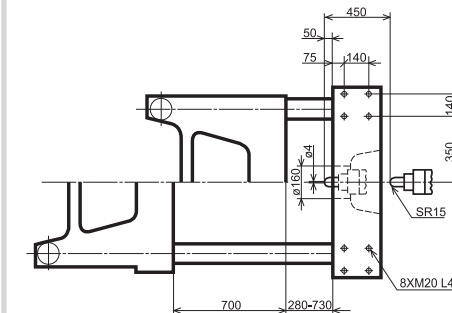
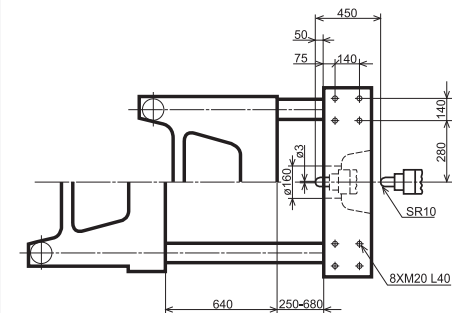
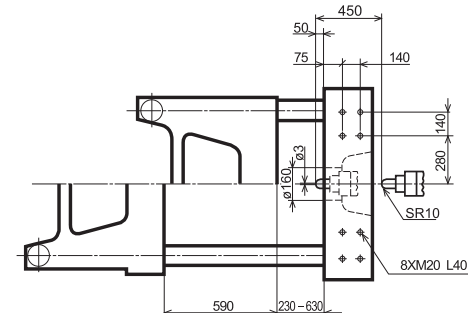
Platen dimensions

Moving platen



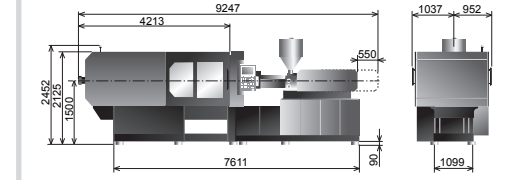
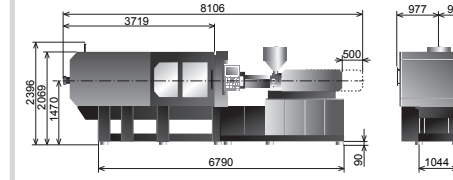
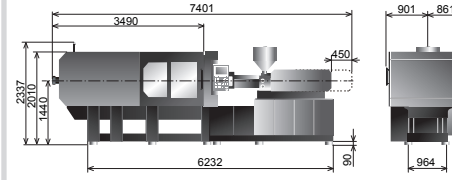
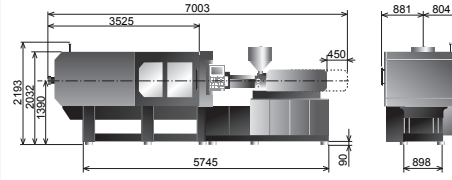
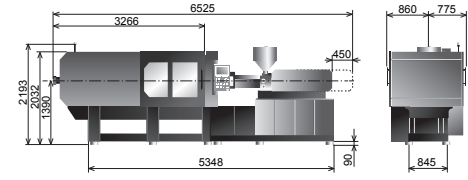
Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Machine dimensions

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



Specification

INJECTION UNIT

Screw diameter	mm
Screw L/D ratio	L/D
Shot size (theoretical)	cm ³
Injection weight (PS)	g
Injection rate (PS)	g/s
Injection pressure	MPa
Plasticizing rate (PS)	g/s
Screw speed	rpm

CLAMPING UNIT

Clamp tonnage	kN
Toggle stroke	mm
Space between tie bars	mm
Max. mold height	mm
Min. mold height	mm
Ejector stroke	mm
Ejector force	kN

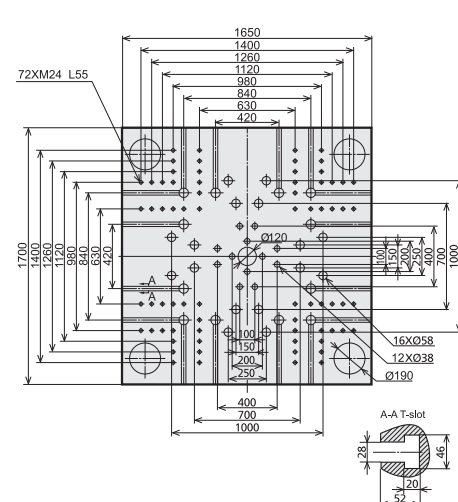
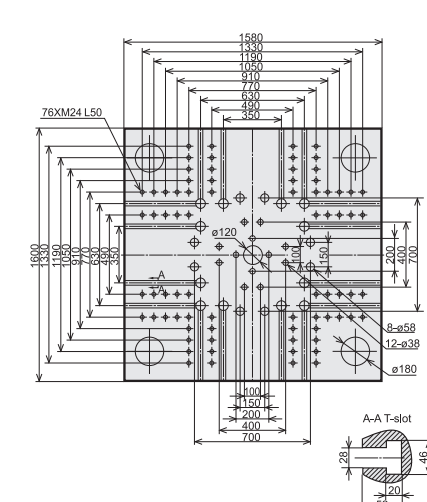
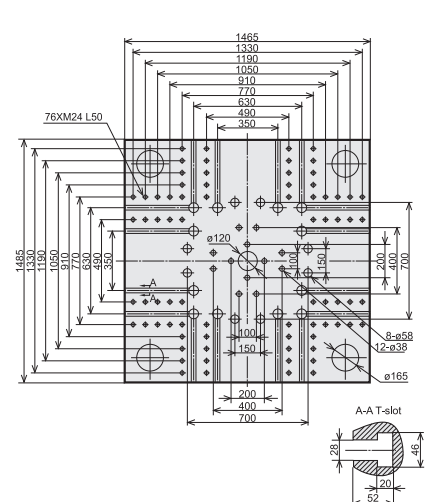
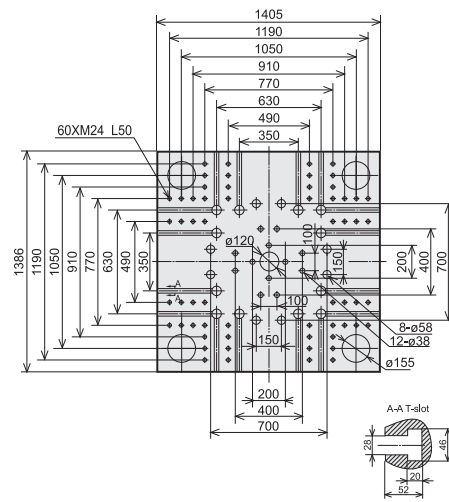
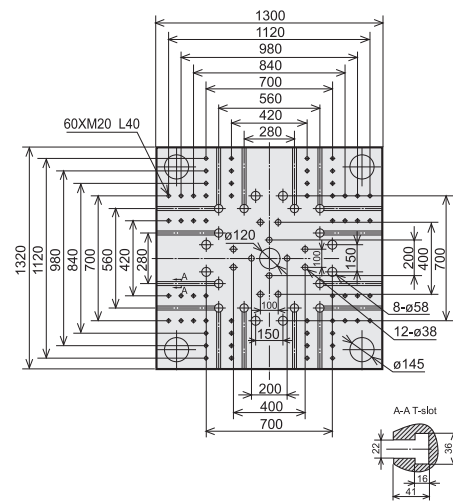
OTHERS

Max. pump pressure	MPa
Pump motor power	kW
Heater power	kW
Machine dimension (l x w x h)	m
Machine weight	t
Hopper capacity	kg
Oil tank capacity	l

Platen dimensions

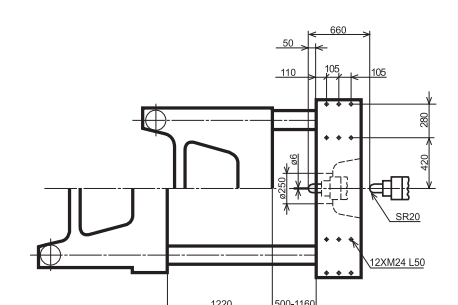
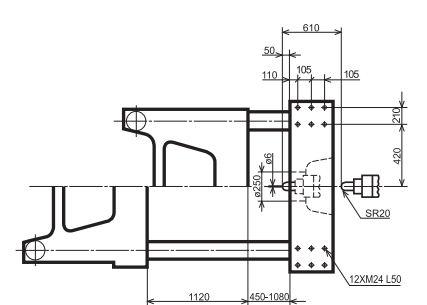
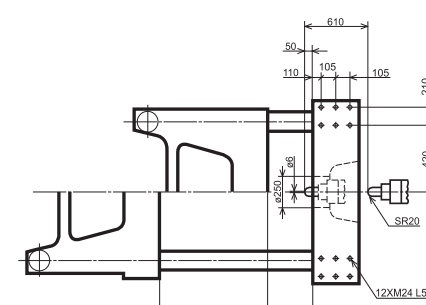
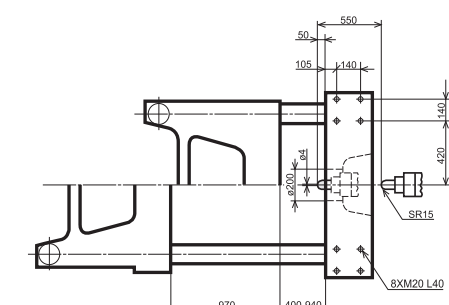
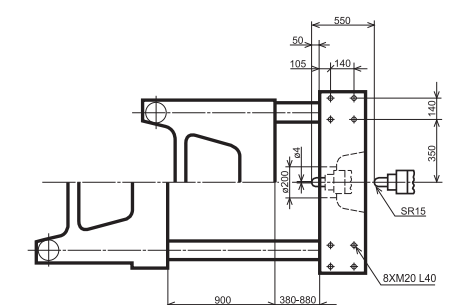
Moving platen

MA6000 II /4500					MA7000 II /5000					MA8000 II /6800					MA9000 II /6800					MA10000 II /8400				
A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D	
80	85	90	100		80	90	100	110		90	100	110	120		90	100	110	120		100	110	120	130	
22	20.7	19.6	17.6		24.8	22	19.8	18		24.4	22	20	18.3		24.4	22	20	18.3		24.2	22	20.2	18.6	
2212	2497	2799	3456		2262	2863	3534	4276		2990	3691	4467	5316		2990	3691	4467	5316		4006	4847	5768	6769	
2013	2272	2547	3145		2058	2605	3216	3891		2721	3359	4065	4838		2721	3359	4065	4838		3645	4411	5249	6160	
503	568	637	787		491	621	767	928		544	671	812	967		544	671	812	967		708	857	1019	1196	
205	182	162	131		224	177	143	118		228	184	152	128		228	184	152	128		211	174	146	125	
64.7	71.5	81.4	99.5		70.9	88.9	109	129		78.2	95.9	114	133		78.2	95.9	114	133		101	121	140	161	
0-145					0-145					0-118					0-118					0-116				
6000					7000					8000					9000					10000				
900					970					1040					1120					1220				
880×880					960×940					1000×1000					1080×1080					1160×1160				
880					940					1000					1080					1160				
380					400					420					450					500				
240					260					280					300					320				
158					186					186					186					215				
16					16					16					16					16				
55					22+45					22+55					22+55					37+55				
42.35					49.25					63.75					63.75					71.55				
9.6×2.1×2.65					10.1×2.25×2.7					10.9×2.32×2.7					11.2×2.42×2.7					12×2.49×2.75				
29					32					38					45					51				
200					200					200					200					200				
940					1130					1280					1280					1480				



Platen dimensions

Mounting hole for robot/sprue picker top view from fixed platen



Machine dimensions

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

