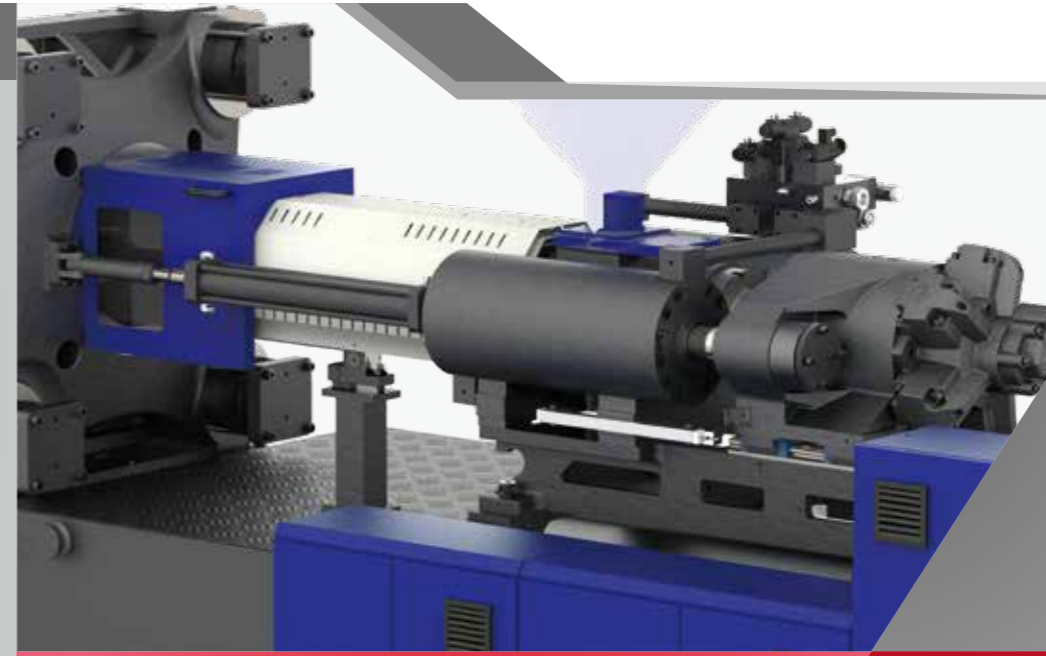


SPECIFICATIONS

HAITIAN PLASTICS MACHINERY GROUP CO., LTD
No.1688, Haitian Road, Xiaogang, Beilun, Ningbo, Zhejiang,
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SE



HAITIAN MAIII/SE SERIES

Energy-saving servo injection molding machines

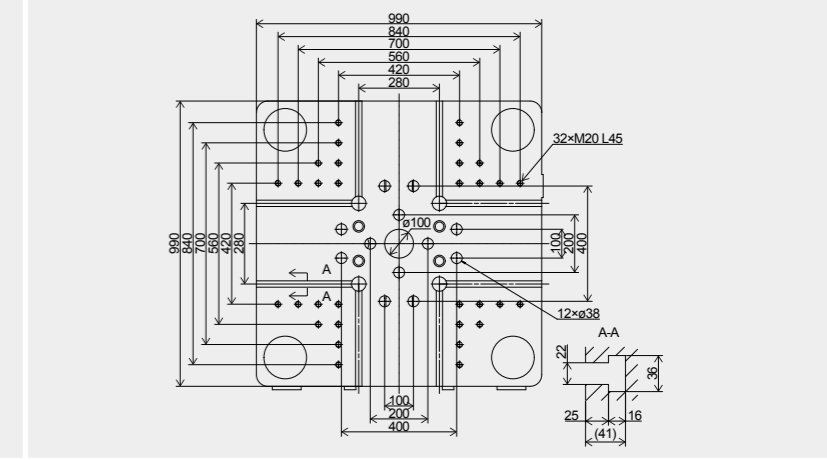
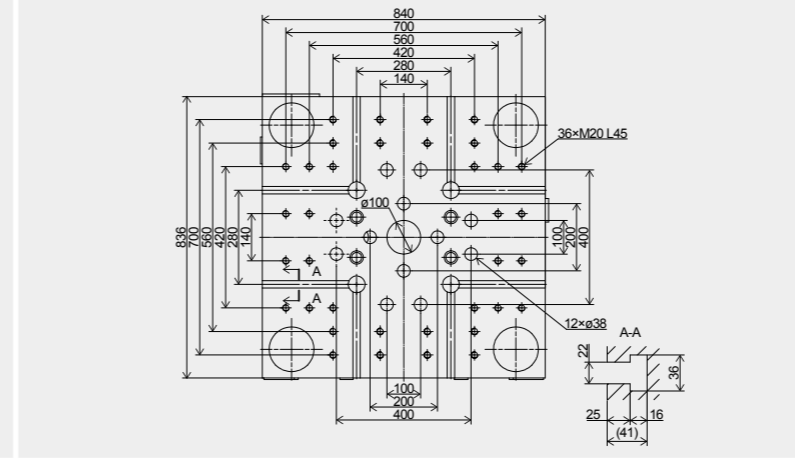
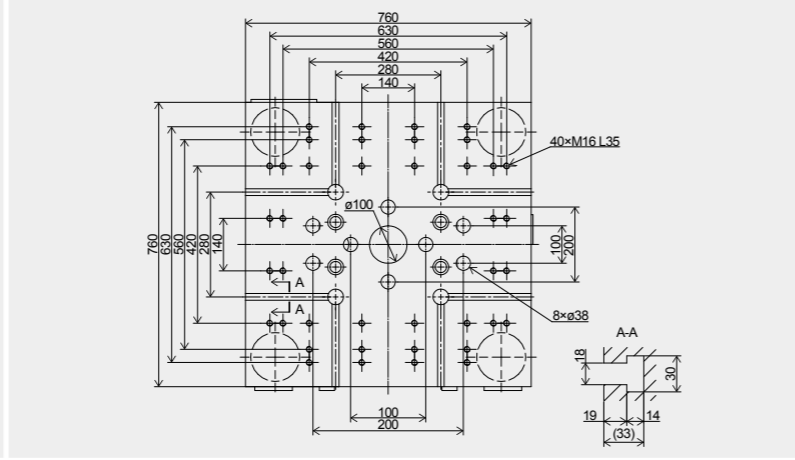
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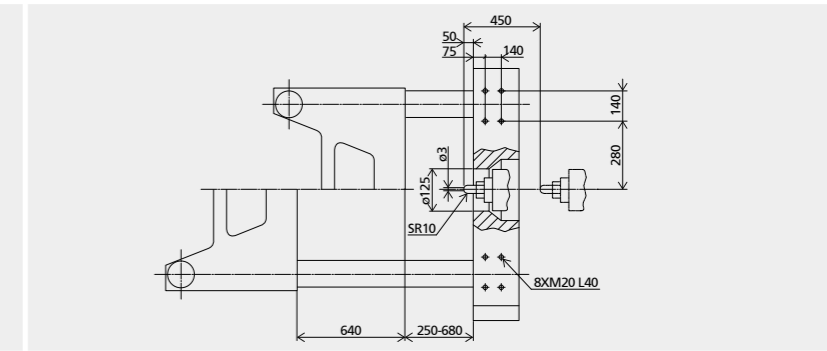
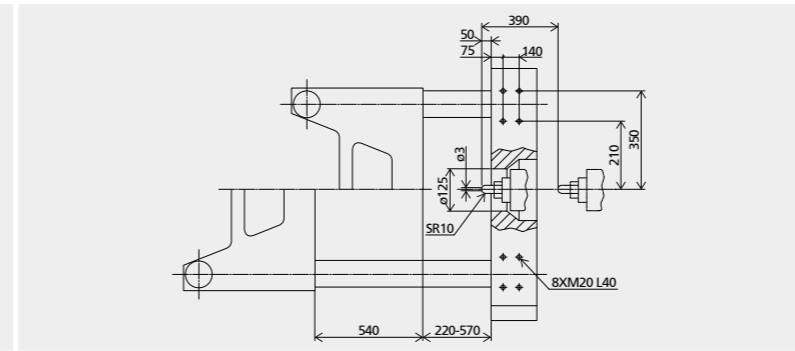
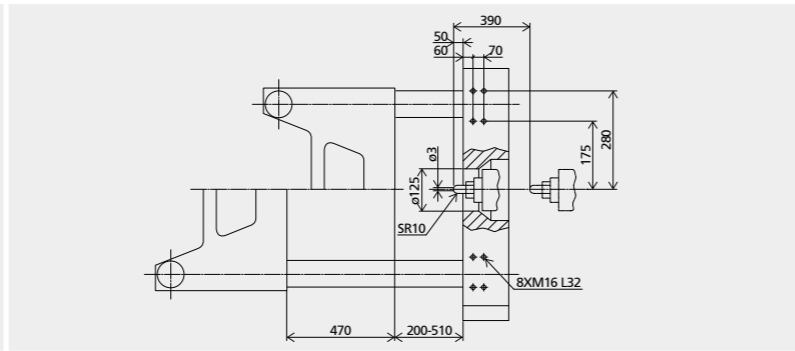
SPECIFICATION

		MA2000III/1000SE			MA2600III/1350SE			MA3200III/1800SE		
		A	B	C	A	B	C	A	B	C
INJECTION UNIT										
Screw diameter	mm	50	55	60	55	60	65	60	65	70
Screw L/D ratio	L/D	22	20	18.3	22	20	18.3	21.7	20	18.6
Injection volume (theoretical)	cm ³	496	601	715	617	735	862	848	995	1154
Injection weight (PS)	g	452	546	650	562	668	785	771	905	1050
Injection rate	g/s	190	230	274	240	286	335	304	357	414
Injection pressure	MPa	213	176	147	213	178	152	211	181	155
Plasticizing rate (GPPS) ①	g/s	24.1	29.6	33.8	31.8	37.7	41.9	41.7	47.2	55.5
Plasticizing rate (HDPE) ②	g/s							75.2	84.6	98.7
Screw speed	rpm		0-195			0-205			0-235	
CLAMPING UNIT										
Clamping force	kN		2000			2600			3200	
Mold opening stroke	mm		470			540			640	
Dist. between tie bars (HxV)	mm		510x510			570x570			680x680	
Mold height max.	mm		510			570			680	
Mold height min.	mm		200			220			250	
Ejector stroke	mm		140			150			160	
Ejector force	kN		62			62			62	
OTHERS										
Pump motor power	kW		32			37			45	
Heater power	kW		18.6			21.25			25.45	
Machine dimension (LxWxH)	m		5.43x1.37x2.18			6.23x1.55x2.25			6.73x1.80x2.36	
Machine weight	t		6.6			8.8			13.2	
Hopper capacity	kg		50			50			50	
Oil tank	l		295			410			510	

Platen dimensions
Moving platen



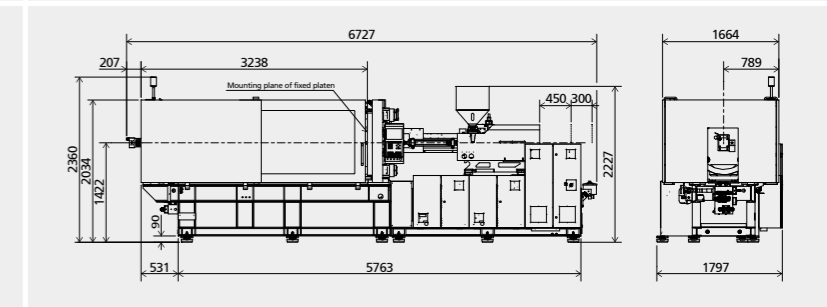
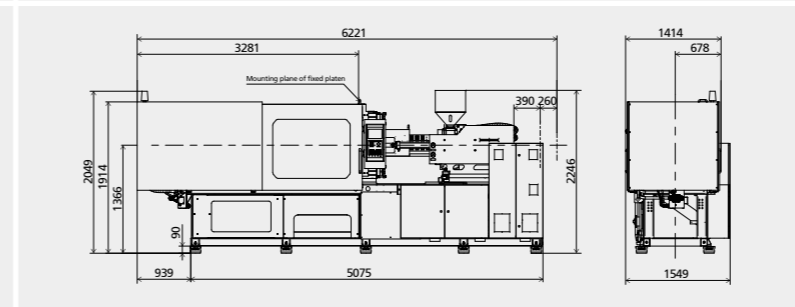
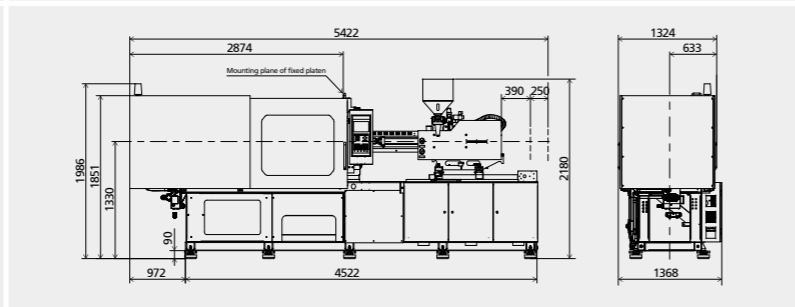
Platen dimensions
Mounting hole for robot/sprue picker top view from fixed platen



Machine dimensions

① Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws
② Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

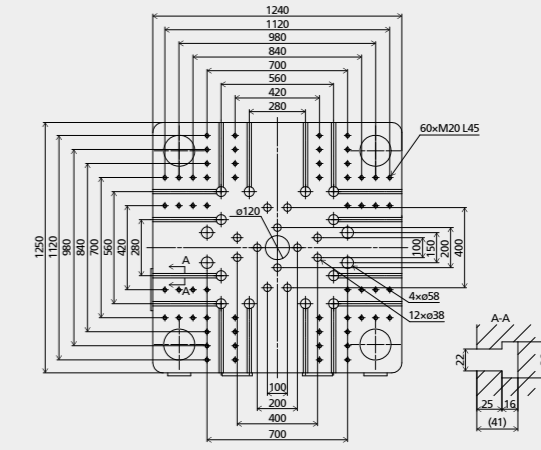
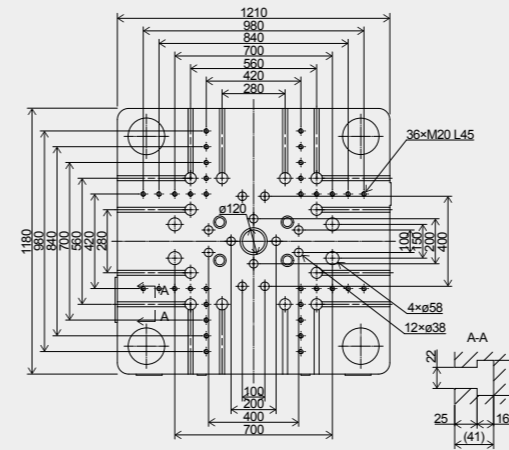
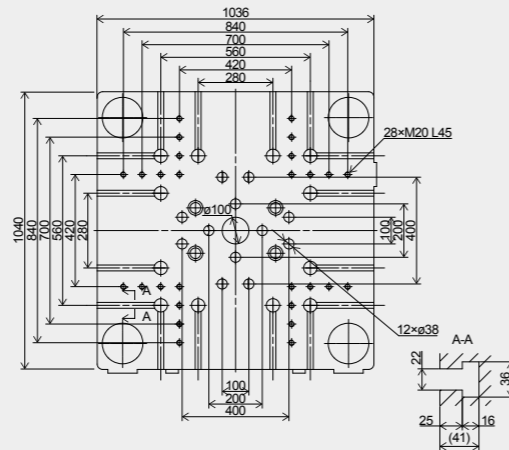
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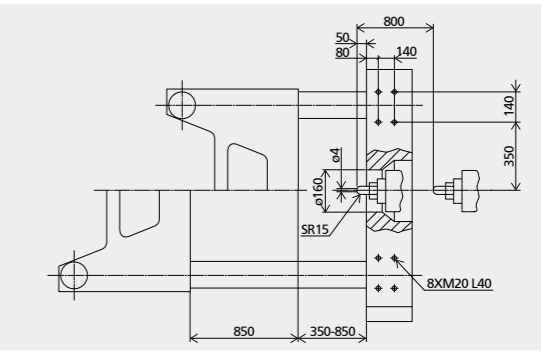
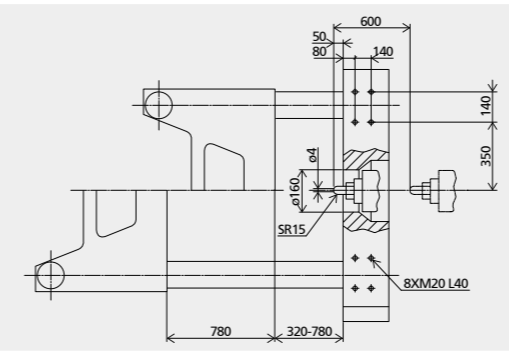
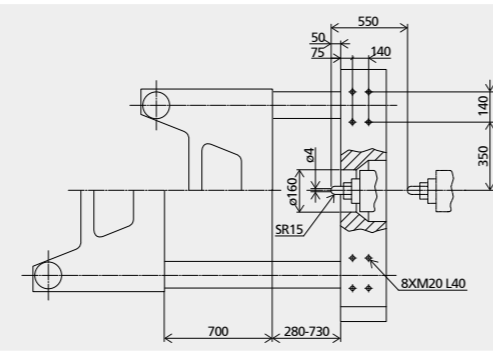
SPECIFICATION

		MA3800III/2250SE			MA4700III/3200SE			MA5300III/4000SE			
		A	B	C	A	B	C	A	B	C	D
INJECTION UNIT											
Screw diameter	mm	65	70	80	70	80	90	80	85	90	100
Screw L/D ratio	L/D	21.5	20	17.5	22.9	20	17.8	22	20.7	19.6	17.5
Injection volume (theoretical)	cm ³	1068	1239	1618	1423	1859	2353	2211	2496	2799	3455
Injection weight (PS)	g	972	1127	1472	1295	1692	2141	2012	2272	2547	3144
Injection rate	g/s	316	366	478	351	459	580	454	513	575	710
Injection pressure	MPa	203	176	135	226	174	137	199	176	157	127
Plasticizing rate (GPPS) ①	g/s	40.4	47.4	62.0	48.8	63.9	78.2	64.7	71.5	81.3	99.4
Plasticizing rate (HDPE) ②	g/s	72.5	86.3	108.9	85.6	115.2	150.1	94	104.3	117.9	145
Screw speed	rpm		0-190			0-185				0-145	
CLAMPING UNIT											
Clamping force	kN		3800			4700			5300		
Mold opening stroke	mm		700			780			850		
Dist. between tie bars (HxV)	mm		730x730			820x800			840x830		
Mold height max.	mm		730			780			850		
Mold height min.	mm		280			320			350		
Ejector stroke	mm		180			200			220		
Ejector force	kN		110			110			158		
OTHERS											
Pump motor power	kW		55			65			70		
Heater power	kW		31.3			39.2			45.7		
Machine dimension (LxWxH)	m		7.10x1.80x2.33			7.94x1.96x2.56			9.18x2.07x2.67		
Machine weight	t		14.7			18.5			23		
Hopper capacity	kg		50			50			100		
Oil tank	l		510			630			780		

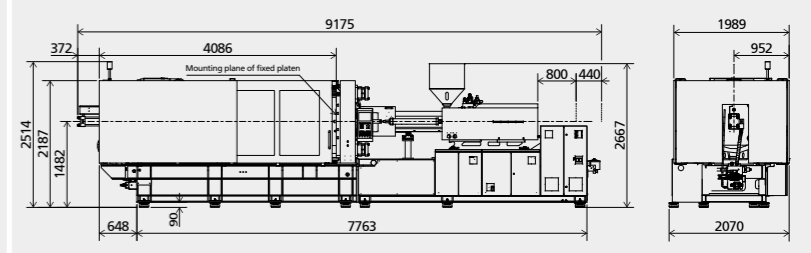
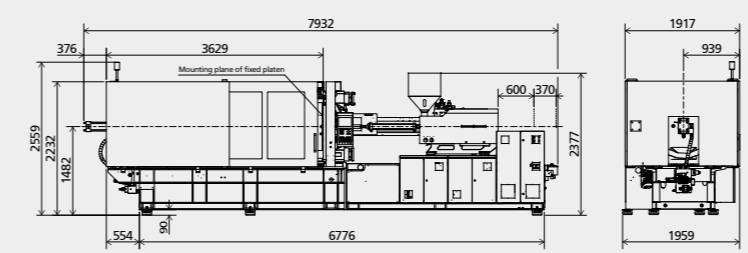
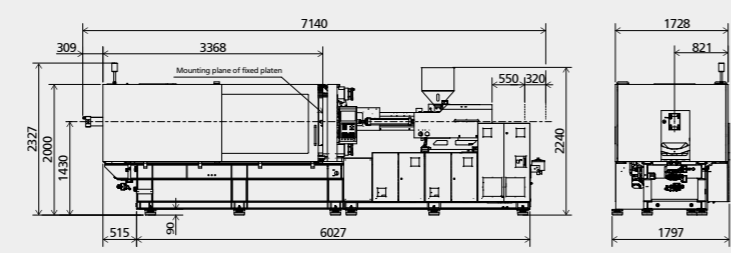
Platen dimensions
Moving platen



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



Machine dimensions



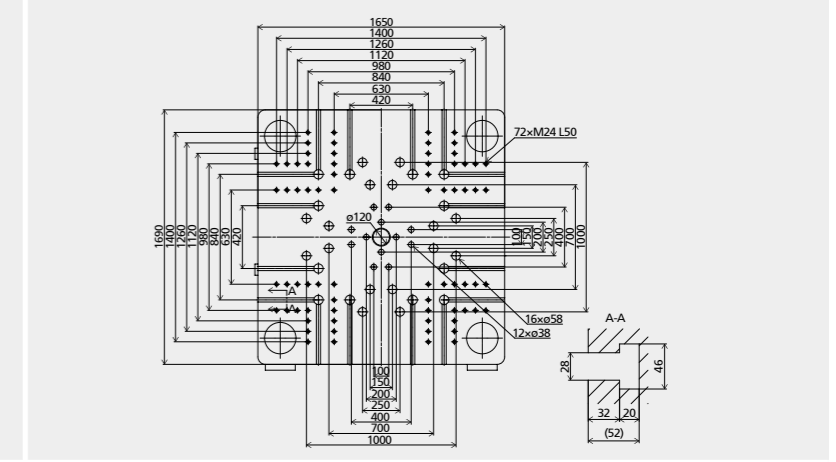
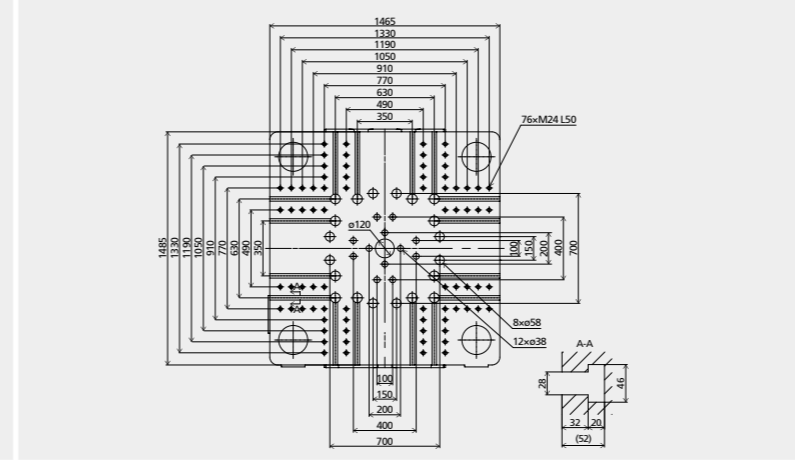
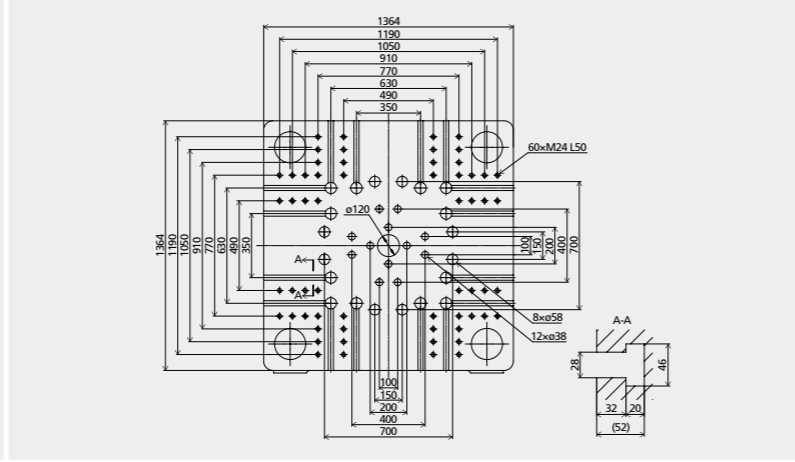
① Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws
② Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

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

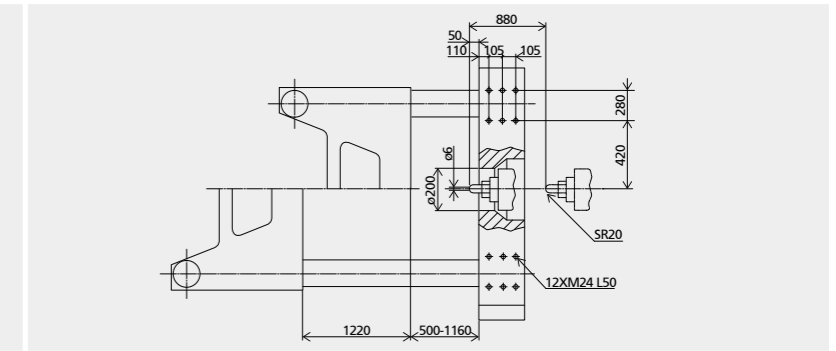
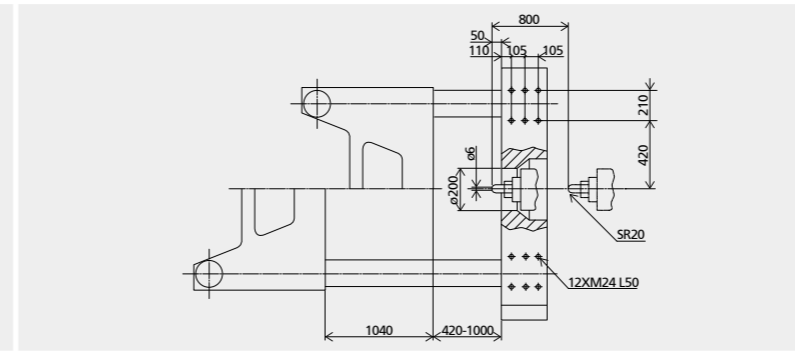
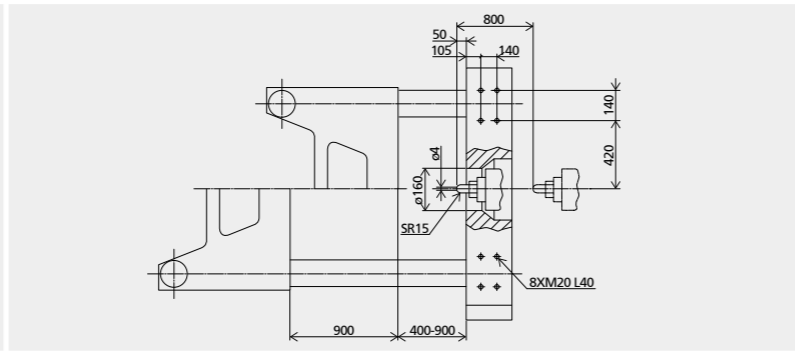
SPECIFICATION

		MA6500III/4550SE				MA8000III/6350SE				MA10000III/7950SE			
		A	B	C	D	A	B	C	D	A	B	C	D
INJECTION UNIT													
Screw diameter	mm	80	90	100	110	90	100	110	120	100	110	120	130
Screw L/D ratio	L/D	24.8	22	19.8	18	24.4	22	20	18.3	24.2	22	20.2	18.6
Injection volume (theoretical)	cm ³	2211	2799	3455	4181	2799	3455	4181	4976	3769	4561	5428	6371
Injection weight (PS)	g	2012	2547	3144	3805	2547	3144	3805	4528	3430	4151	4940	5797
Injection rate	g/s	441	558	689	834	583	720	871	1037	664	803	956	1122
Injection pressure	MPa	226	178	144	119	224	182	150	126	217	179	151	128
Plasticizing rate (GPPS) ①	g/s	66.0	82.8	101.7	119.7	92.8	114.1	134.8	157.6	95.5	114.6	132.8	152.8
Plasticizing rate (HDPE) ②	g/s	97.2	123.3	152.1	179.1	136.9	168.0	200.1	232.3	139.5	167.2	190.1	218.7
Screw speed	rpm	0-135				0-140				0-110			
CLAMPING UNIT													
Clamping force	kN	6500				8000				10000			
Mold opening stroke	mm	900				1040				1220			
Dist. between tie bars (HxV)	mm	920x920				1000x1000				1160x1160			
Mold height max.	mm	900				1000				1160			
Mold height min.	mm	400				420				500			
Ejector stroke	mm	260				280				320			
Ejector force	kN	186				186				215			
OTHERS													
Pump motor power	kW	30+55				37+65				55+65			
Heater power	kW	54.3				67.8				81			
Machine dimension (LxWxH)	m	10.07x2.21x2.72				10.97x2.30x2.74				12.12x2.49x2.88			
Machine weight	t	30.2				36				47			
Hopper capacity	kg	100				100				100			
Oil tank	l	800				1000				1150			

Platen dimensions
Moving platen



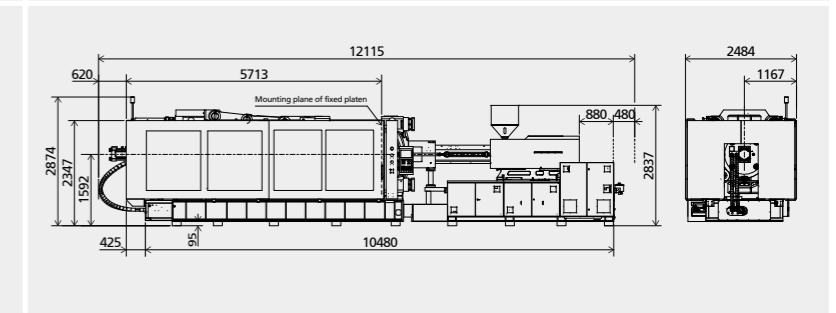
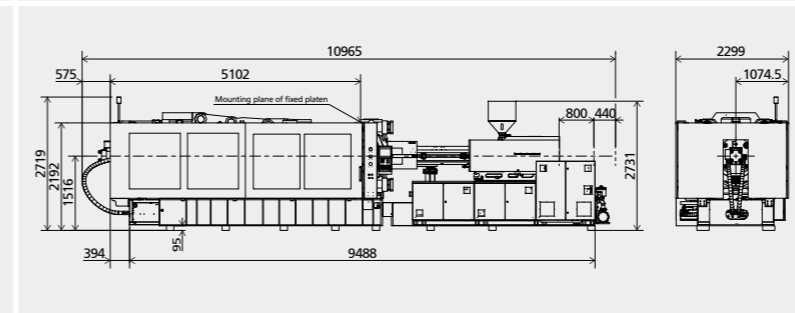
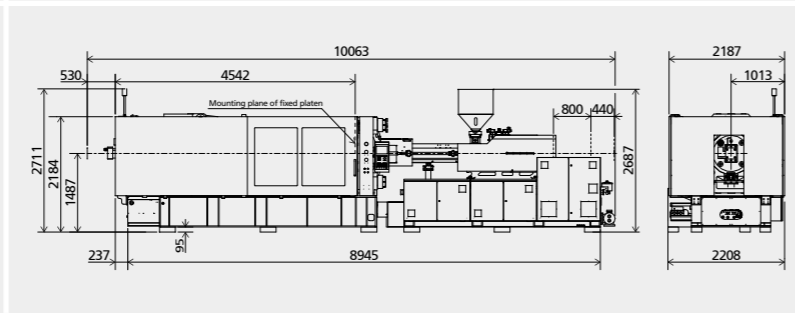
Platen dimensions
Mounting hole for robot/sprue picker top view from fixed platen



Machine dimensions

① Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws
② Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

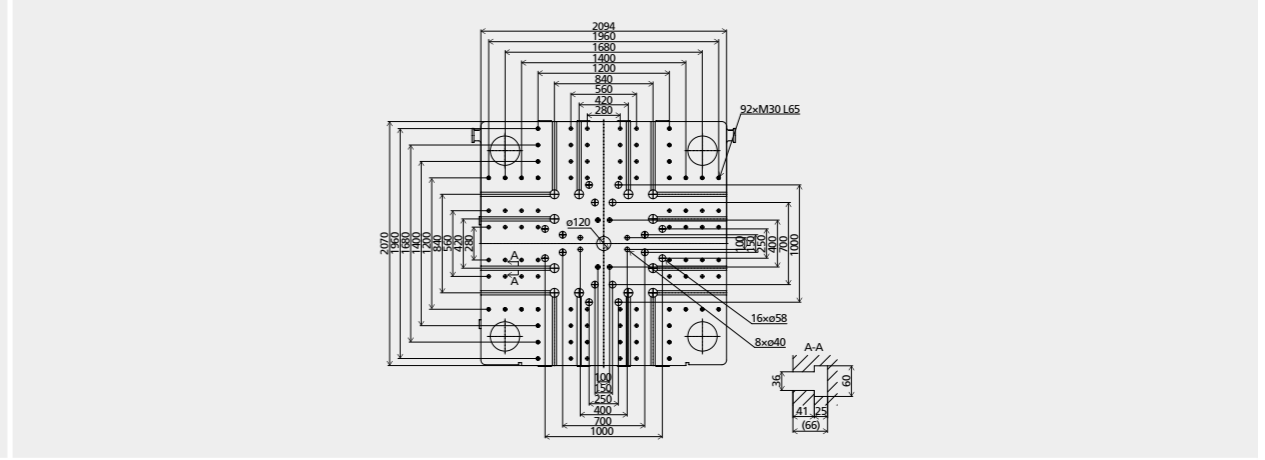
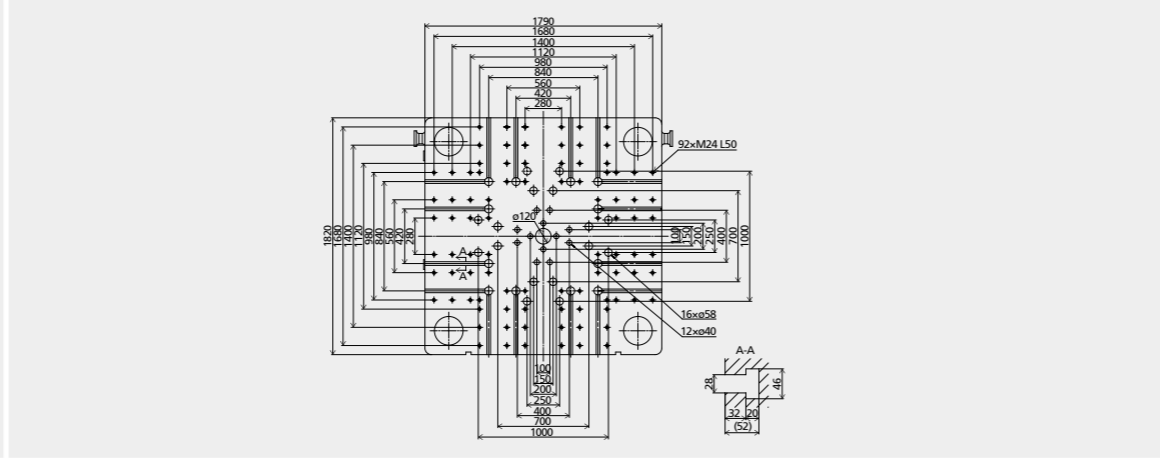
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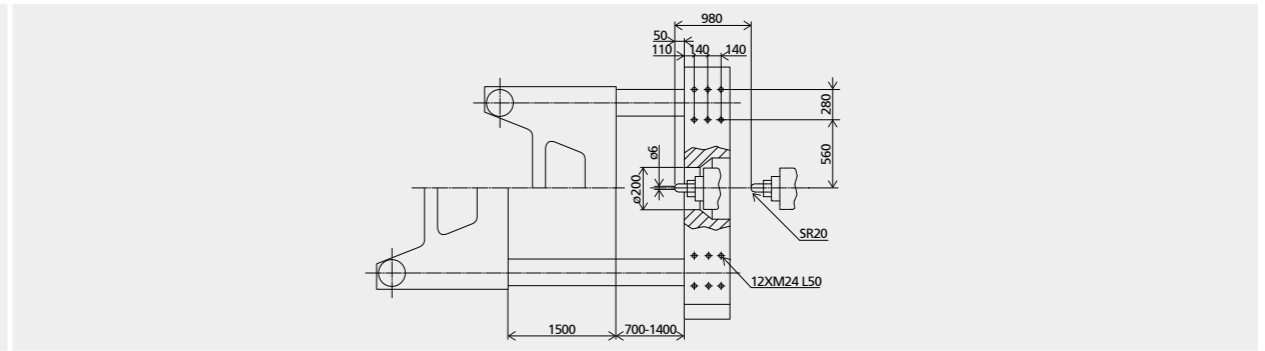
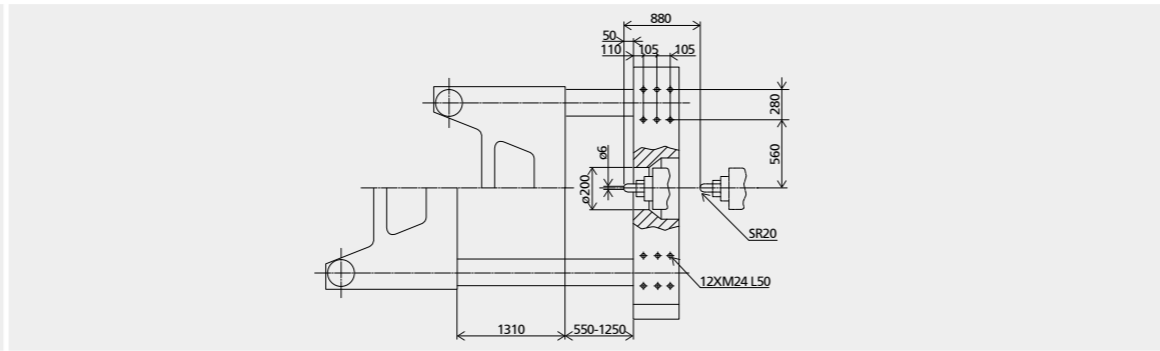
SPECIFICATION

		MA12000III/7950SE				MA14000III/10600SE		
		A	B	C	D	A	B	C
INJECTION UNIT								
Screw diameter	mm	100	110	120	130	120	130	140
Screw L/D ratio	L/D	24.2	22	20.2	18.6	24	22.2	20.6
Injection volume (theoretical)	cm ³	3769	4561	5428	6371	6220	7300	8466
Injection weight (PS)	g	3430	4151	4940	5797	5660	6643	7704
Injection rate	g/s	664	803	956	1122	1040	1221	1416
Injection pressure	MPa	217	179	151	128	174	149	128
Plasticizing rate (GPPS) ①	g/s	95.5	114.6	132.8	152.8	151.8	175.3	199.9
Plasticizing rate (HDPE) ②	g/s	139.5	167.2	190.1	218.7	232.0	256.6	291.8
Screw speed	rpm	0-110				0-112		
CLAMPING UNIT								
Clamping force	kN	12000				14000		
Mold opening stroke	mm	1310				1500		
Dist. between tie bars (HxV)	mm	1250x1250				1450x1350		
Mold height max.	mm	1250				1400		
Mold height min.	mm	550				700		
Ejector stroke	mm	320				350		
Ejector force	kN	215				318		
OTHERS								
Pump motor power	kW	55+65				70+70		
Heater power	kW	81				99		
Machine dimension (LxWxH)	m	12.51x2.66x3.05				14.09x3.10x3.13		
Machine weight	t	58				85		
Hopper capacity	kg	100				400		
Oil tank	l	1150				1360		

Platen dimensions
Moving platen



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



Machine dimensions

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 ② Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

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