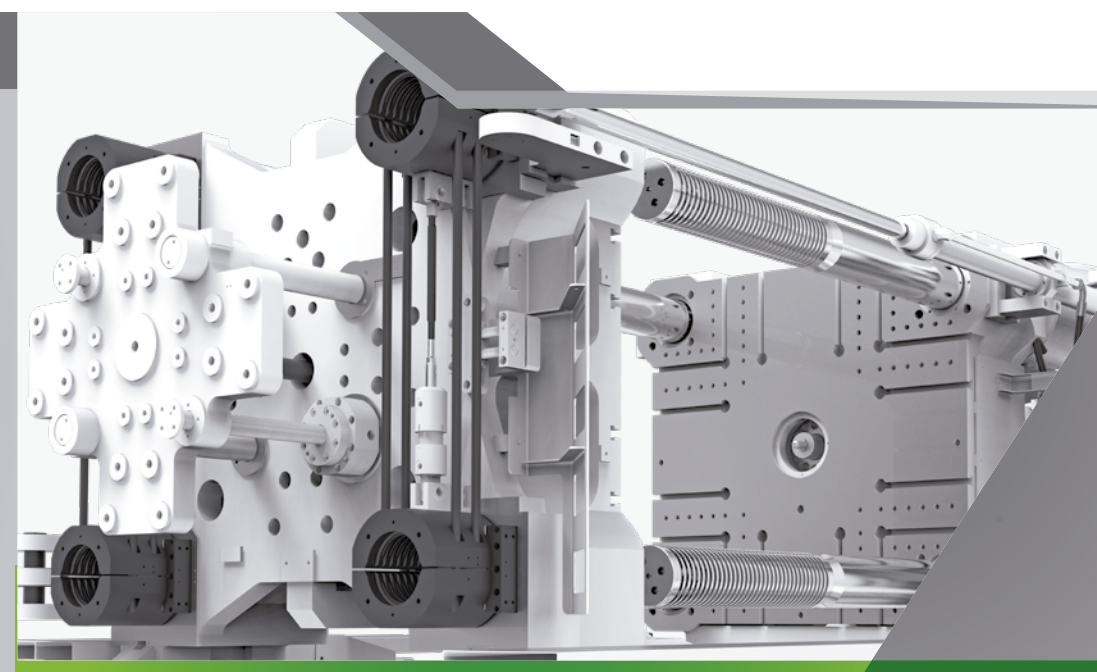


HAITIAN PLASTICS MACHINERY GROUP CO., LTD
No. 1688 Haitian Road, Xiaogang, Beilun, Ningbo, P. R. China.
+ 86-574-8617 7005 (China)
+ 86-574-8617 7242 (International)
haitian@mail.haitian.com
www.haitianpm.com

NINGBO HAITIAN HUAYUAN MACHINERY CO.,LTD.
Export Processing Zone, Ningbo 315800 China
+86-574-8617 7242
+86-574-8622 1864
haitian@mail.haitian.com
www.haitianpm.com



SPECIFICATIONS

EUROPE



HAITIAN JUPITER SERIES

Servo hydraulic two-platen solution
12,000 - 66,000 kN

JU/20191217-EU



Combination Possibilities

12,000 - 66,000 kN

CLAMPING UNIT

INJECTION UNIT

Standard range

Combination possibilities

MACHINE TYPE	1730	2230	3430	4630	5330	6730	8930	11300	17300	22300	32300	40300	50300	62300	93300	106300	518000
JU4500III																	
JU5500III																	
JU6500III																	
JU7500III																	
JU9000III																	
JU10800III																	
JU12000III																	
JU13000III																	
JU14000III																	
JU16000III																	
JU18500III																	
JU21000III																	
JU24000III																	
JU28000III																	
JU33000III																	
JU40000III																	
JU55000III																	
JU66000III																	

SPECIFICATION JU12000III

										JU12000III				SPECIFICATIONS										INJECTION UNIT									
										5330				6730				8930				11300											
CLAMPING UNIT																								CLAMPING UNIT									
Clamping force	kN									12000								kN	Clamping force														
Dist. between tie bars (H×V)	mm									1300×1200								mm	Dist. between tie bars (H×V)														
Mold height max	mm									1250								mm	Mold height max														
Mold height min	mm									600								mm	Mold height min														
Ejector stroke	mm									350								mm	Ejector stroke														
Ejector force	kN									230								kN	Ejector force														
Max. daylight	mm									2650								mm	Max. daylight														
Mold opening stroke ①	mm									2050/1400								mm	Mold opening stroke ①														
Max. mold weight ②	t									20								t	Max. mold weight ②														
INJECTION UNIT										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	110	120	130	140	mm	Screw diameter														
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	26.2	24	22.2	20.6	L/D	Screw L /D ratio														
Injection volume (theoretical)	cm³	2262	2863	3534	4276	2990	3691	4467	5316	4006	4847	5768	6769	5227	6220	7300	8467	cm³	Injection volume (theoretical)														
Injection weight (PS)	g	2058	2605	3216	3892	2721	3359	4065	4837	3645	4410	5249	6160	4756	5661	6643	7705	g	Injection weight (PS)														
Injection rate	g/s	608	770	951	1150	642	793	960	1142	762	922	1097	1288	924	1100	1291	1497	g/s	Injection rate														
Injection pressure	MPa	204	161	131	108	193	157	129	109	196	162	136	116	190	159	136	117	MPa	Injection pressure														
Injection pressure (max)	MPa	236	187	151	125	222	180	149	125	223	184	155	132	218	183	156	135	MPa	Injection pressure (max)														
Plasticizing rate (GPPS) ③	g/s	80.6	101	125	146	89.5	110	130	152	101	121	140	161	123	142	164	187	g/s	Plasticizing rate (GPPS) ③														
Plasticizing rate (HDPE) ④	g/s	119	151	186	219	132	162	193	224	147	177	201	231	187	217	240	273	g/s	Plasticizing rate (HDPE) ④														
Screw speed	rpm	165				135				116				105				rpm				Screw speed											
OTHERS																														OTHERS			
Pump motor power	kW	85				85				112				130				kW	Pump motor power														
Heating power	kW	54				71				83				104				kW	Heating power														
Machine dimension (L x W x H)	m	9.69x3.37x2.93				9.80x3.37x2.94				10.14x3.37x2.95				10.93x3.37x2.98				m	Machine dimension (L x W x H)														
Machine weight	t	49				51				52				56				t	Machine weight														
Hopper capacity	kg	50				50				50				50				kg	Hopper capacity														
Oil tank ⑤	l	730				780				960				1250				l	Oil tank														

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

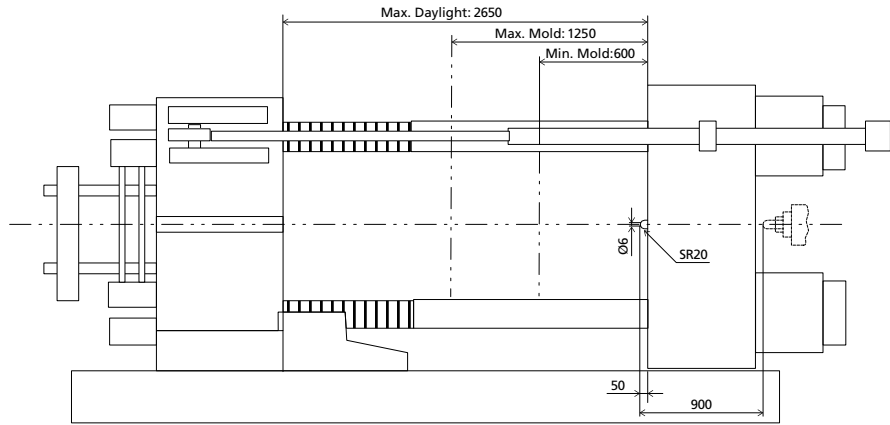
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

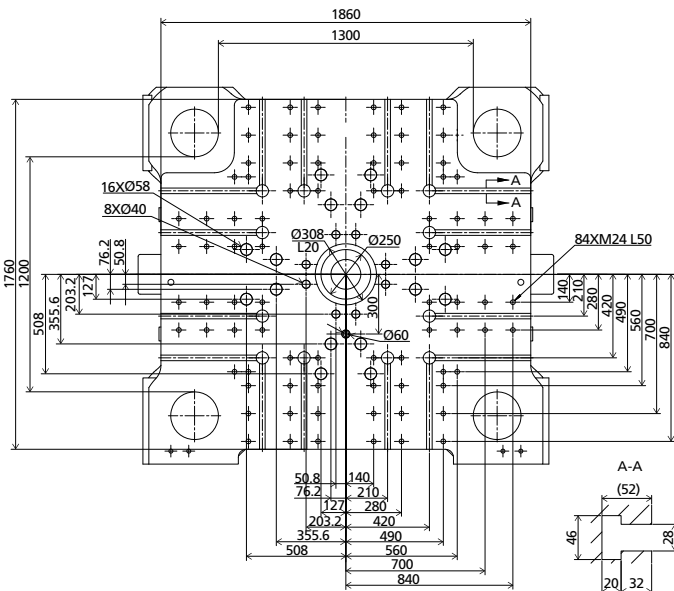
DIMENSIONS JU12000III

Clamping Unit



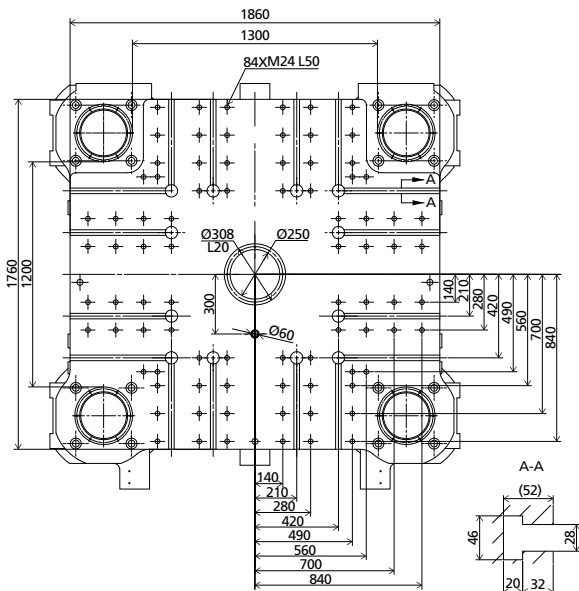
Platen dimensions

Moving platen



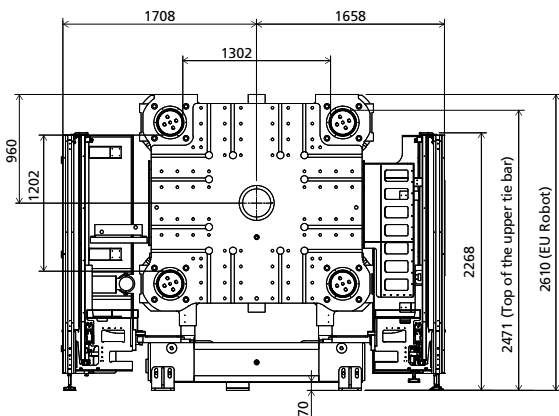
Platen dimensions

Fixed platen



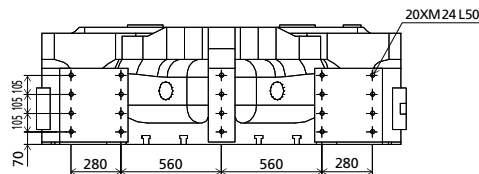
Robot

Mechanical interface

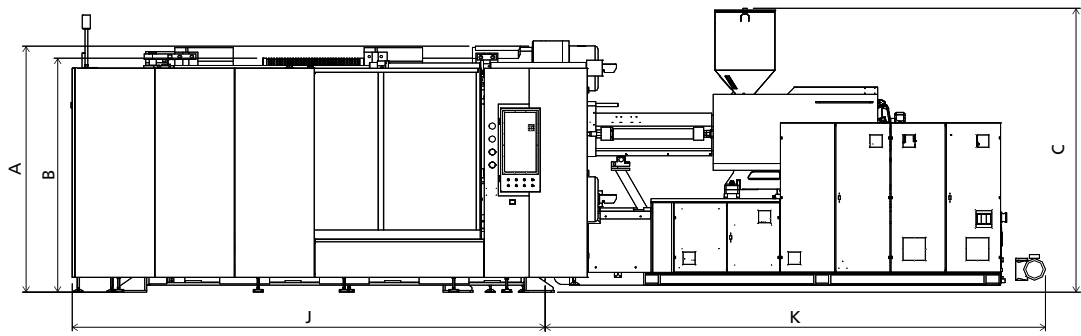


Robot

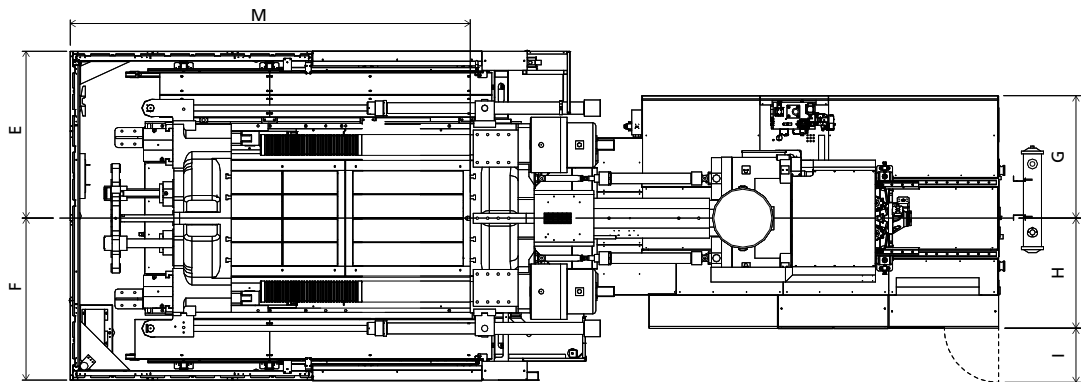
Top view fixed platen



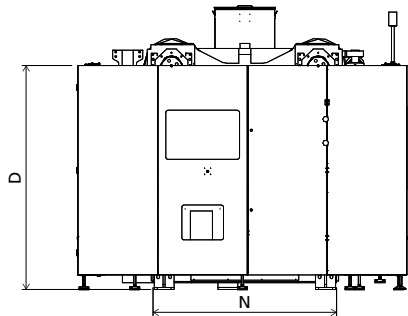
Front view



Top view



Side view



Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
5330	2610	2471	2925	2250	1708	1658	1203	1027	544	5102	4586	4307	1870
6730	2610	2471	2940	2250	1708	1658	1198	1042	544	5102	4689	4307	1870
8930	2610	2471	2950	2250	1708	1658	1228	1102	544	5102	4913	4307	1870
11300	2610	2471	2975	2250	1708	1658	1318	1212	544	5102	5821	4307	1870

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

SPECIFICATION JU13000III

										JU13000III									
										11300				17300					
CLAMPING UNIT										CLAMPING UNIT									
Clamping force	kN									13000					kN	Clamping force			
Dist. between tie bars (H×V)	mm									1420×1170					mm	Dist. between tie bars (H×V)			
Mold height max	mm									1350					mm	Mold height max			
Mold height min	mm									600					mm	Mold height min			
Ejector stroke	mm									350					mm	Ejector stroke			
Ejector force	kN									230					kN	Ejector force			
Max. daylight	mm									2850					mm	Max. daylight			
Mold opening stroke ①	mm									2250/1500					mm	Mold opening stroke ①			
Max. mold weight ②	t									23					t	Max. mold weight ②			
INJECTION UNIT														INJECTION UNIT					
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C			
Screw diameter	mm	90	100	110	120	100	110	120	130	110	120	130	140	130	140	150	mm	Screw diameter	
Screw L /D ratio	L/D	24.4	22	20	18.3	24.2	22	20.2	18.6	26.2	24	22.2	20.6	24	22.3	20.8	L/D	Screw L /D ratio	
Injection volume (theoretical)	cm³	2990	3691	4467	5316	4006	4847	5768	6769	5227	6220	7300	8467	8362	9698	11133	cm³	Injection volume (theoretical)	
Injection weight (PS)	g	2721	3359	4065	4837	3645	4410	5249	6160	4756	5661	6643	7705	7610	8825	10131	g	Injection weight (PS)	
Injection rate	g/s	774	955	1156	1376	762	922	1097	1288	924	1100	1291	1497	1236	1433	1646	g/s	Injection rate	
Injection pressure	MPa	193	157	129	109	196	162	136	116	190	159	136	117	186	160	140	MPa	Injection pressure	
Injection pressure (max)	MPa	222	180	149	125	223	184	155	132	218	183	156	135	211	182	158	MPa	Injection pressure (max)	
Plasticizing rate (GPPS) ③	g/s	99.4	122	144	169	101	121	140	161	123	142	164	187	168	192	220	g/s	Plasticizing rate (GPPS) ③	
Plasticizing rate (HDPE) ④	g/s	147	180	214	250	147	177	201	231	187	217	240	273	252	283	336	g/s	Plasticizing rate (HDPE) ④	
Screw speed	rpm	150				116				105				102				rpm	Screw speed
OTHERS										OTHERS									
Pump motor power	kW	112				112				130				167				kW	Pump motor power
Heating power	kW	71				83				104				116				kW	Heating power
Machine dimension (L x W x H)	m	10.10×3.53×3.04				10.43×3.53×3.05				11.37×3.53×3.08				11.94×3.53×4.21				m	Machine dimension (L x W x H)
Machine weight	t	56				57				60				65				t	Machine weight
Hopper capacity	kg	50				50				50				50				kg	Hopper capacity
Oil tank ⑤	l	780				960				1250				1550				l	Oil tank

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

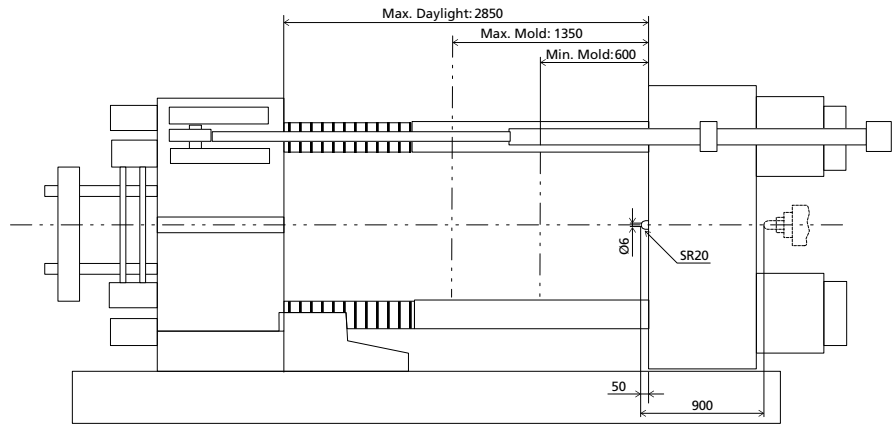
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

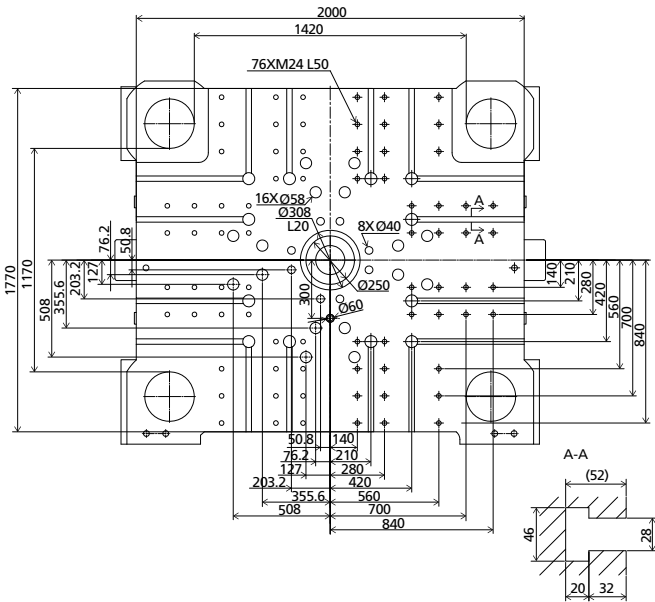
DIMENSIONS JU13000III

Clamping Unit



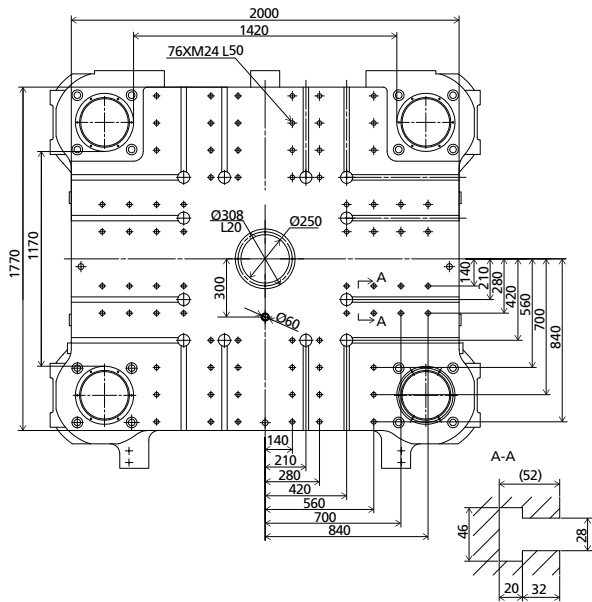
Platen dimensions

Moving platen



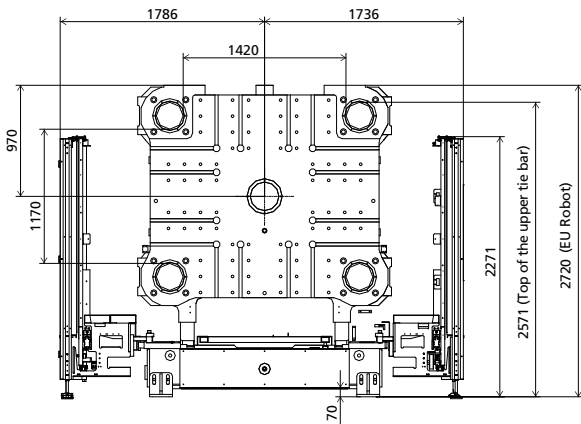
Platen dimensions

Fixed platen



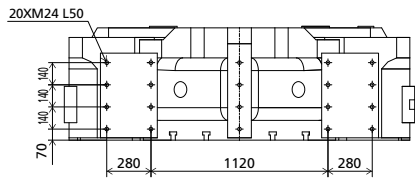
Robot

Mechanical interface

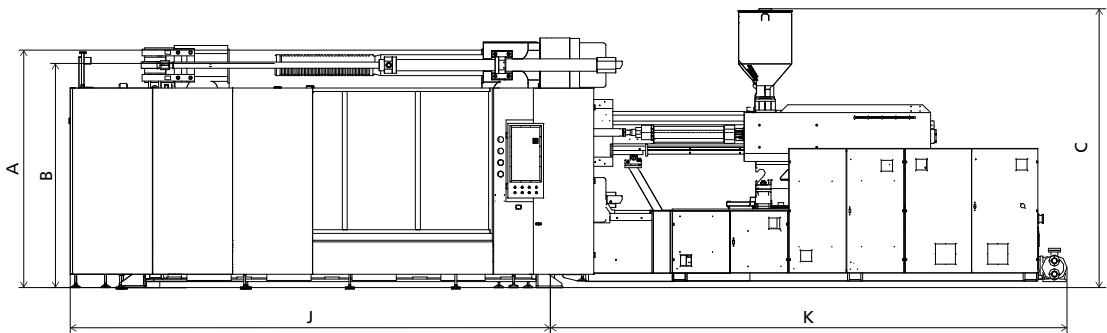


Robot

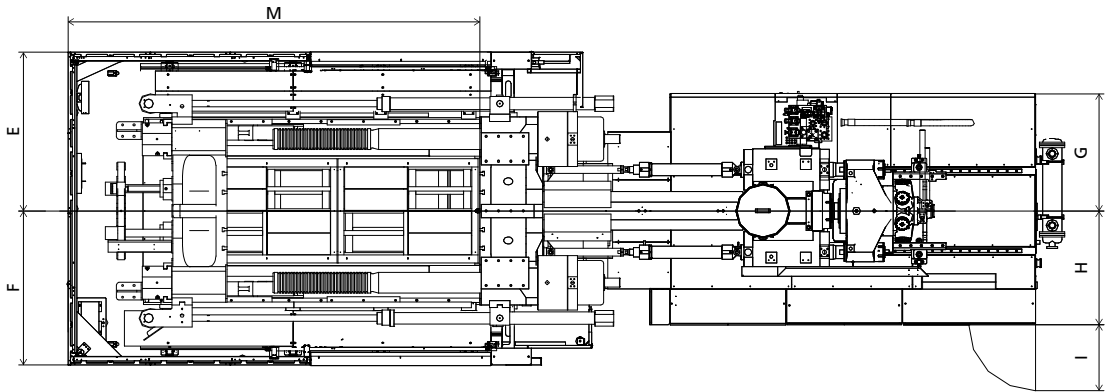
Top view fixed platen



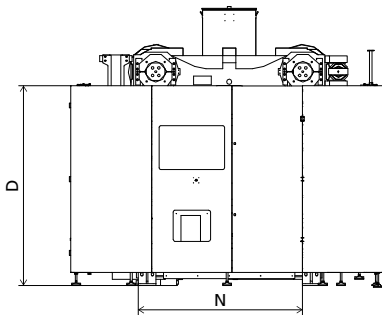
Front view



Top view



Side view



Standard

	INJECTION UNIT												
	A	B	C	D	E	F	G	H	I	J	K	M	N
6730	2720	2571	3040	2250	1786	1736	1198	1112	544	5409	4689	4639	2050
8930	2720	2571	3050	2250	1786	1736	1228	1172	544	5409	5021	4639	2050
11300	2720	2571	3075	2250	1786	1736	1318	1282	745	5409	5958	4639	2050
17300	2720	2571	4206	2250	1786	1736	1855	1305	850	5409	6523	4639	2050

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

SPECIFICATION JU14000III

										JU14000III				SPECIFICATIONS										INJECTION UNIT							
6730										8930				11300				17300													
CLAMPING UNIT																														CLAMPING UNIT	
Clamping force	kN									14000														kN	Clamping force						
Dist. between tie bars (H×V)	mm									1460×1360														mm	Dist. between tie bars (H×V)						
Mold height max	mm									1450														mm	Mold height max						
Mold height min	mm									700														mm	Mold height min						
Ejector stroke	mm									400														mm	Ejector stroke						
Ejector force	kN									330														kN	Ejector force						
Max. daylight	mm									3050														mm	Max. daylight						
Mold opening stroke ①	mm									2350/1600														mm	Mold opening stroke ①						
Max. mold weight ②	t									27														t	Max. mold weight ②						
INJECTION UNIT										A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	INJECTION UNIT						
Screw diameter	mm	90	100	110	120	100	110	120	130	110	120	130	140	130	140	150	mm	Screw diameter													
Screw L /D ratio	L/D	24.4	22	20	18.3	24.2	22	20.2	18.6	26.2	24	22.2	20.6	24	22.3	20.8	L/D	Screw L /D ratio													
Injection volume (theoretical)	cm³	2990	3691	4467	5316	4006	4847	5768	6769	5227	6220	7300	8467	8362	9698	11133	cm³	Injection volume (theoretical)													
Injection weight (PS)	g	2721	3359	4065	4837	3645	4410	5249	6160	4756	5661	6643	7705	7610	8825	10131	g	Injection weight (PS)													
Injection rate	g/s	774	955	1156	1376	762	922	1097	1288	924	1100	1291	1497	1236	1433	1646	g/s	Injection rate													
Injection pressure	MPa	193	157	129	109	196	162	136	116	190	159	136	117	186	160	140	MPa	Injection pressure													
Injection pressure (max)	MPa	222	180	149	125	223	184	155	132	218	183	156	135	211	182	158	MPa	Injection pressure (max)													
Plasticizing rate (GPPS) ③	g/s	99.4	122	144	169	101	121	140	161	123	142	164	187	168	192	220	g/s	Plasticizing rate (GPPS) ③													
Plasticizing rate (HDPE) ④	g/s	147	180	214	250	147	177	201	231	187	217	240	273	252	283	336	g/s	Plasticizing rate (HDPE) ④													
Screw speed	rpm	150				116				105				102				rpm	Screw speed												
OTHERS																														OTHERS	
Pump motor power	kW	112				112				130				167				kW	Pump motor power												
Heating power	kW	71				83				104				116				kW	Heating power												
Machine dimension (L x W x H)	m	10.61×3.60×3.12				10.93×3.60×3.13				11.74×3.60×3.16				12.30×3.60×4.29				m	Machine dimension (L x W x H)												
Machine weight	t	64				65				68				73				t	Machine weight												
Hopper capacity	kg	50				50				50				50				kg	Hopper capacity												
Oil tank ⑤	l	780				960				1250				1550				l	Oil tank												

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

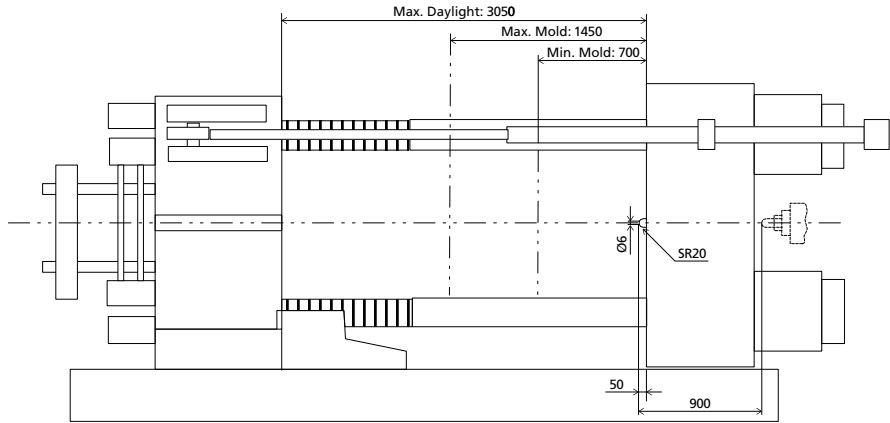
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

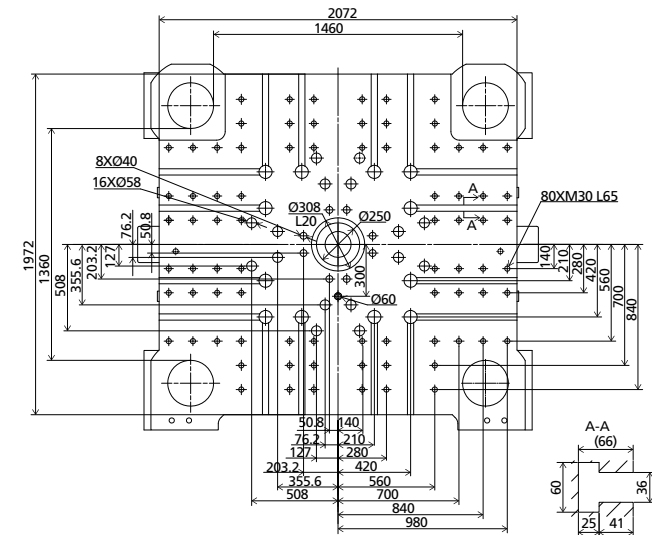
DIMENSIONS JU14000III

Clamping Unit



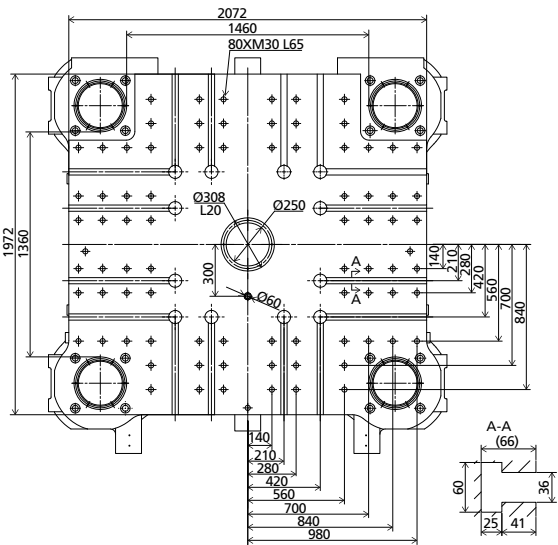
Platen dimensions

Moving platen



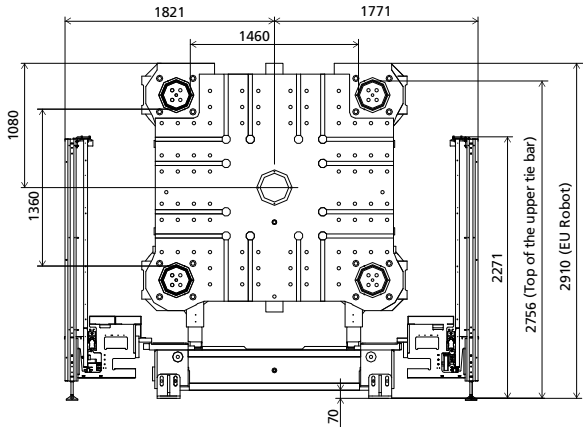
Platen dimensions

Fixed platen



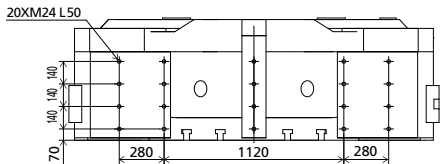
Robot

Mechanical interface

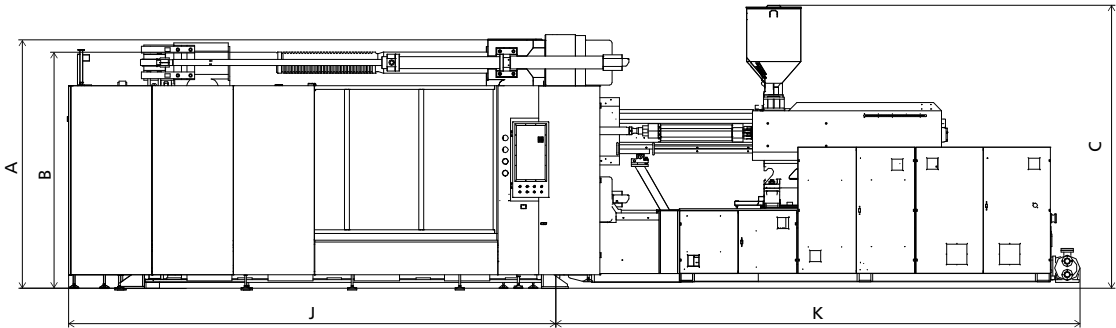


Robot

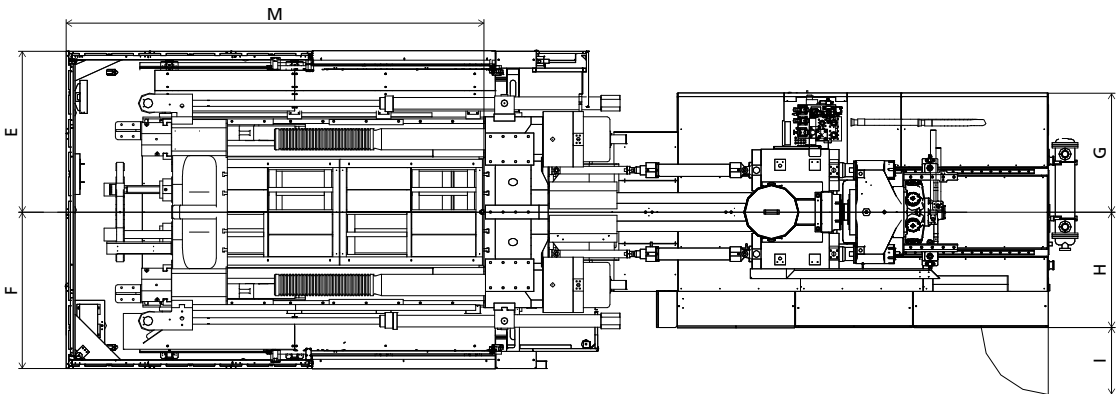
Top view fixed platen



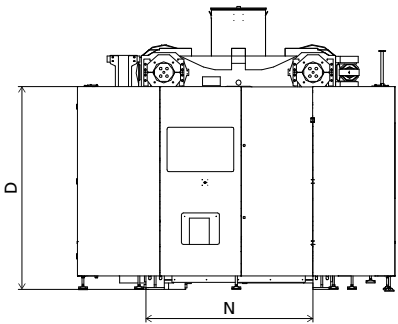
Front view



Top view



Side view



Standard

	INJECTION UNIT												
	A	B	C	D	E	F	G	H	I	J	K	M	N
6730	2910	2756	3120	2253	1821	1771	1198	1112	544	5776	4689	4951	2040
8930	2910	2756	3130	2253	1821	1771	1228	1172	544	5776	5021	4951	2040
11300	2910	2756	3155	2253	1821	1771	1318	1282	745	5776	5958	4951	2040
17300	2910	2756	4286	2253	1821	1771	1855	1305	850	5776	6523	4951	2040

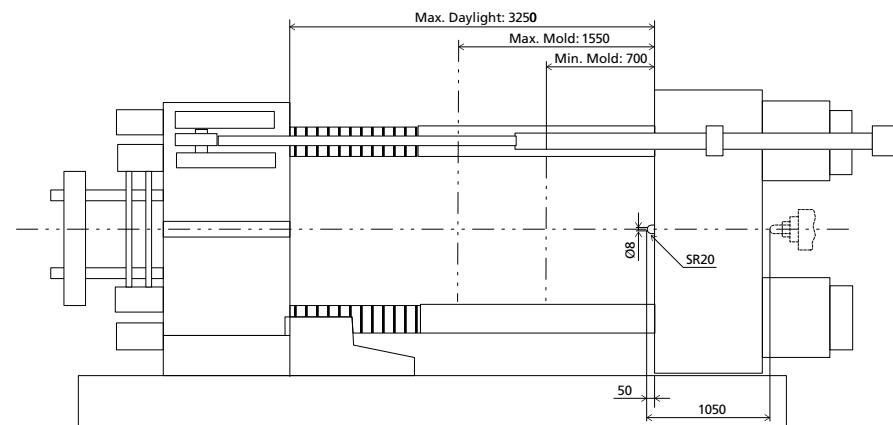
We reserve the right to make changes as a result of further technical advantages.

SPECIFICATION JU16000III

										JU16000III			SPECIFICATIONS INJECTION UNIT			
8930					11300					17300						
CLAMPING UNIT															CLAMPING UNIT	
Clamping force	kN									16000			kN	Clamping force		
Dist. between tie bars (H×V)	mm									1570×1285			mm	Dist. between tie bars (H×V)		
Mold height max	mm									1550			mm	Mold height max		
Mold height min	mm									700			mm	Mold height min		
Ejector stroke	mm									400			mm	Ejector stroke		
Ejector force	kN									330			kN	Ejector force		
Max. daylight	mm									3250			mm	Max. daylight		
Mold opening stroke ①	mm									2550/1700			mm	Mold opening stroke ①		
Max. mold weight ②	t									33			t	Max. mold weight ②		
INJECTION UNIT													INJECTION UNIT			
Screw diameter	mm	A	B	C	D	A	B	C	D	A	B	C	mm	Screw diameter		
Screw L /D ratio	L/D	100	110	120	130	110	120	130	140	130	140	150	L/D	Screw L /D ratio		
Injection volume (theoretical)	cm³	24.2	22	20.2	18.6	26.2	24	22.2	20.6	24	22.3	20.8	cm³	Injection volume (theoretical)		
Injection weight (PS)	g	4006	4847	5768	6769	5227	6220	7300	8467	8362	9698	11133	g	Injection weight (PS)		
Injection rate	g/s	3645	4410	5249	6160	4756	5661	6643	7705	7610	8825	10131	g/s	Injection rate		
Injection pressure	MPa	894	1081	1287	1511	924	1100	1291	1497	1236	1433	1646	MPa	Injection pressure		
Injection pressure (max)	MPa	196	162	136	116	190	159	136	117	186	160	140	MPa	Injection pressure (max)		
Plasticizing rate (GPPS) ③	g/s	223	184	155	132	218	183	156	135	211	182	158	g/s	Plasticizing rate (GPPS) ③		
Plasticizing rate (HDPE) ④	g/s	110	133	154	177	123	142	164	187	168	192	220	g/s	Plasticizing rate (HDPE) ④		
Screw speed	rpm	161	193	220	253	187	217	240	273	252	283	336	rpm	Screw speed		
OTHERS															OTHERS	
Pump motor power	kW	130				130				167			kW	Pump motor power		
Heating power	kW	83				104				116			kW	Heating power		
Machine dimension (L x W x H)	m	11.33×3.77×3.11				11.94×3.77×3.13				12.44×3.77×4.27			m	Machine dimension (L x W x H)		
Machine weight	t	75				78				82			t	Machine weight		
Hopper capacity	kg	50				50				50			kg	Hopper capacity		
Oil tank ⑤	l	960				1250				1550			l	Oil tank		

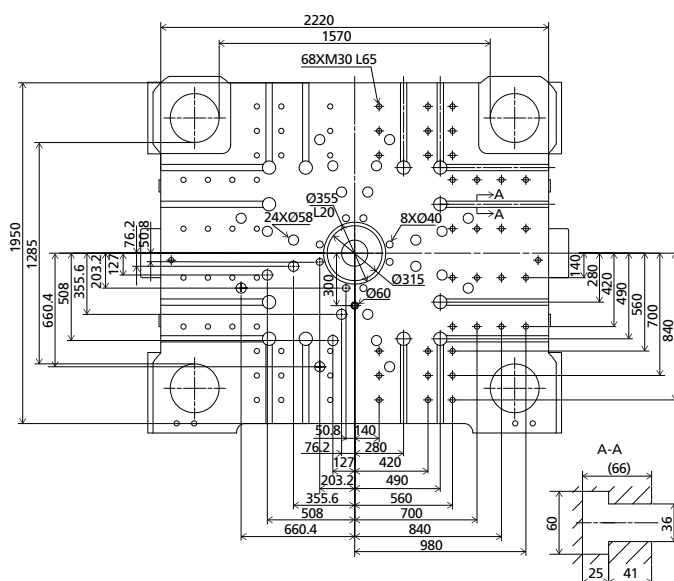
DIMENSIONS JU16000III

Clamping Unit



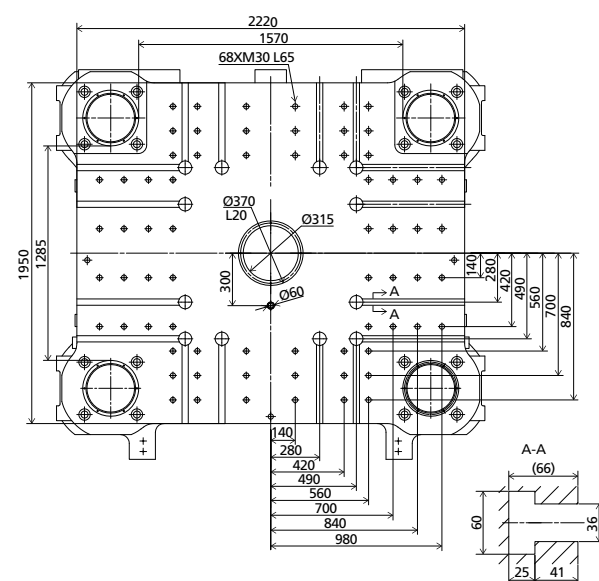
Platen dimensions

Moving platen



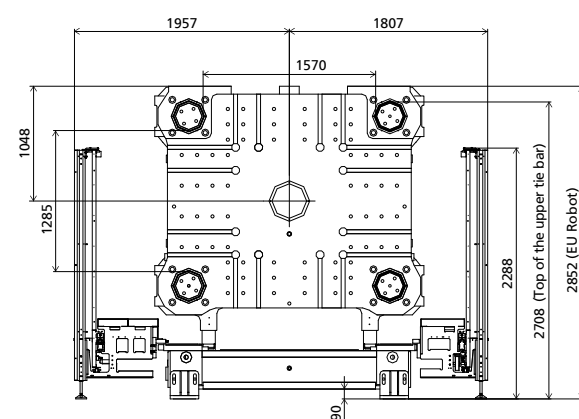
Platen dimensions

Fixed platen



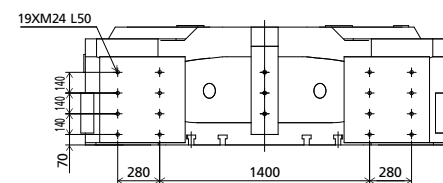
Robot

Mechanical interface

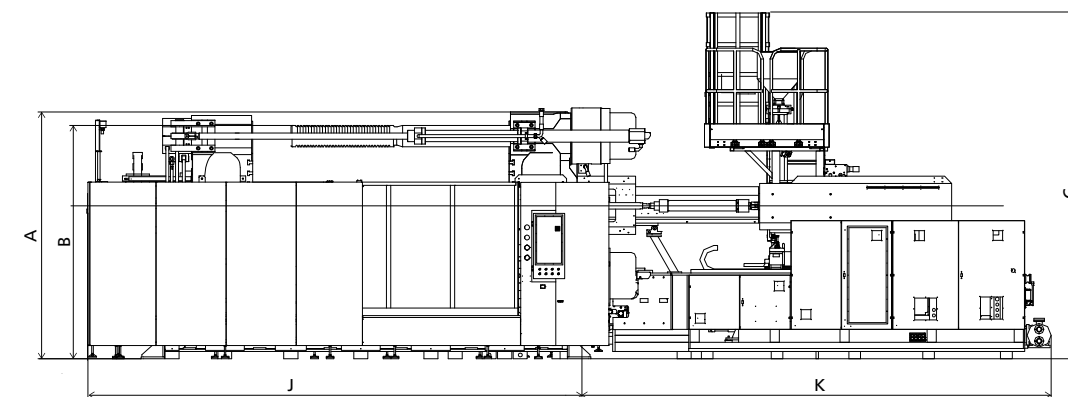


Robot

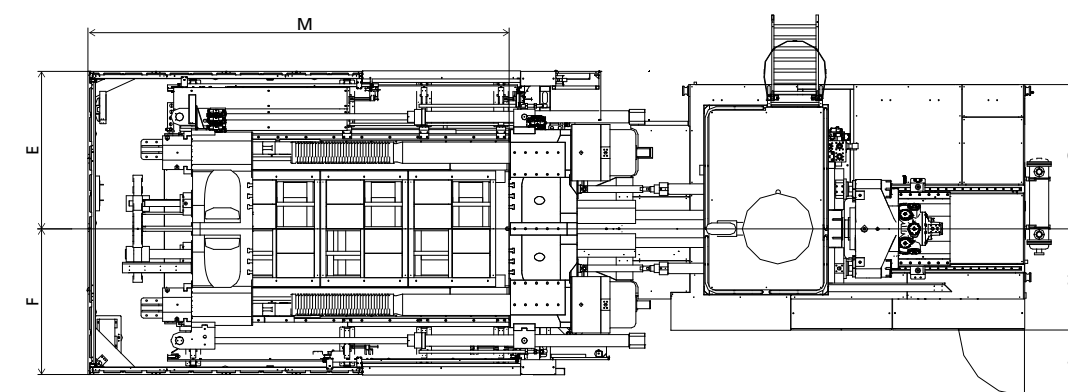
Top view fixed platen



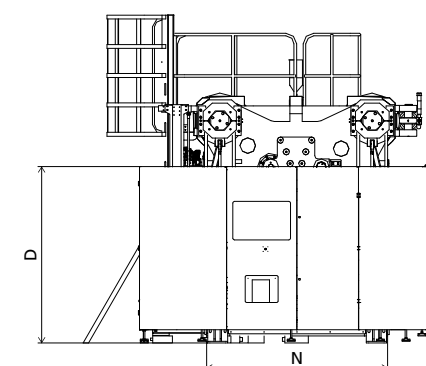
Front view



Top view



Side view



■ Standard

	INDUSTRY											DIVERSITY	
	A	B	C	D	E	F	G	H	I	J	K	M	N
8930	2852	2708	3105	2270	1957	1807	1228	1102	675	5976	5021	5121	2170
11300	2852	2708	3130	2270	1957	1807	1318	1282	745	5976	5958	5121	2170
17300	2852	2708	4265	2270	1957	1807	1855	1305	850	5976	6460	5121	2170

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

SPECIFICATION JU18500III

SPECIFICATIONS
INJECTION UNIT

					JU18500III												
11300					17300			22300					32300				
CLAMPING UNIT					CLAMPING UNIT												
Clamping force	kN				18500								kN	Clamping force			
Dist. between tie bars (H×V)	mm				1870×1425								mm	Dist. between tie bars (H×V)			
Mold height max	mm				1600								mm	Mold height max			
Mold height min	mm				750								mm	Mold height min			
Ejector stroke	mm				450								mm	Ejector stroke			
Ejector force	kN				450								kN	Ejector force			
Max. daylight	mm				3350								mm	Max. daylight			
Mold opening stroke ①	mm				2600/1750								mm	Mold opening stroke ①			
Max. mold weight ②	t				40								t	Max. mold weight ②			
INJECTION UNIT					A	B	C	D	A	B	C	D	A	B	INJECTION UNIT		
Screw diameter	mm	110	120	130	140	130	140	150	140	150	160	170	160	170	mm	Screw diameter	
Screw L /D ratio	L/D	26.2	24	22.2	20.6	24	22.3	20.8	24	22.4	21	19.8	24	22.6	L/D	Screw L /D ratio	
Injection volume (theoretical)	cm³	5227	6220	7300	8467	8362	9698	11133	10468	12017	13672	15435	17492	19747	cm³	Injection volume (theoretical)	
Injection weight (PS)	g	4756	5661	6643	7705	7610	8825	10131	9526	10935	12442	14046	15918	17970	g	Injection weight (PS)	
Injection rate	g/s	924	1100	1291	1497	1236	1433	1646	1379	1583	1801	2033	1590	1795	g/s	Injection rate	
Injection pressure	MPa	190	159	136	117	186	160	140	185	161	142	126	161	142	MPa	Injection pressure	
Injection pressure (max)	MPa	218	183	156	135	211	182	158	211	184	162	143	181	160	MPa	Injection pressure (max)	
Plasticizing rate (GPPS) ③	g/s	123	142	164	187	168	192	220	155	176	196	222	--	--	g/s	Plasticizing rate (GPPS) ③	
Plasticizing rate (HDPE) ④	g/s	187	217	240	273	252	283	336	243	294	303	334	280	310	g/s	Plasticizing rate (HDPE) ④	
Screw speed	rpm	105			102			85			72			rpm			
OTHERS					OTHERS												
Pump motor power	kW	130			167			185			185			kW	Pump motor power		
Heating power	kW	104			116			133			174			kW	Heating power		
Machine dimension (L x W x H)	m	12.27×4.15×3.33			12.69×4.15×4.47			12.75×4.15×4.47			13.74×4.15×4.47			m	Machine dimension (L x W x H)		
Machine weight	t	92			96			101			105			t	Machine weight		
Hopper capacity	kg	50			50			50			50			kg	Hopper capacity		
Oil tank ⑤	l	1250			1550			1720			1720			l	Oil tank		

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

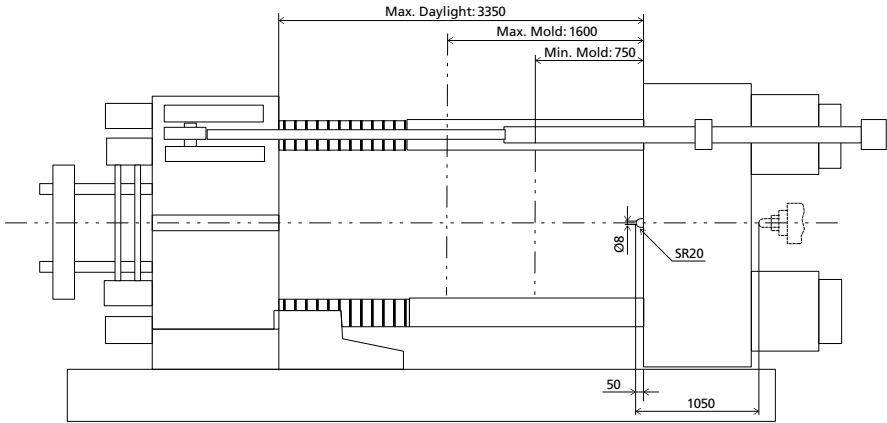
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

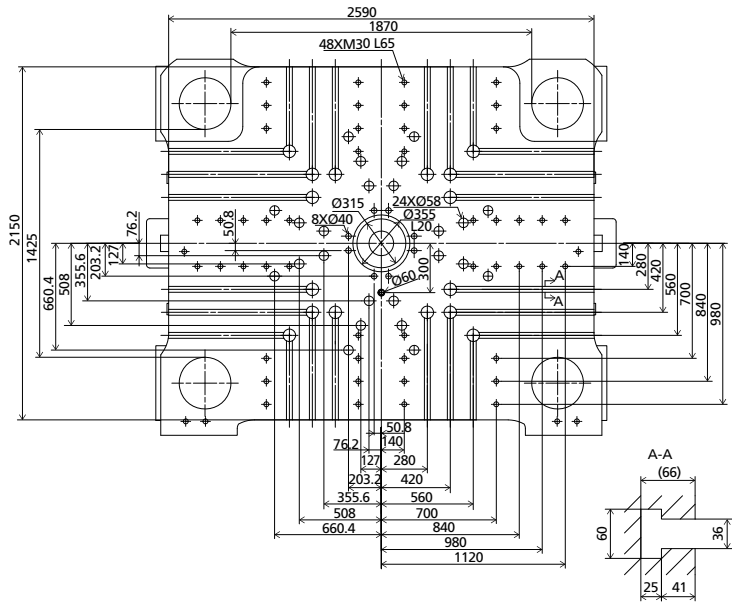
DIMENSIONS JU18500III

Clamping Unit



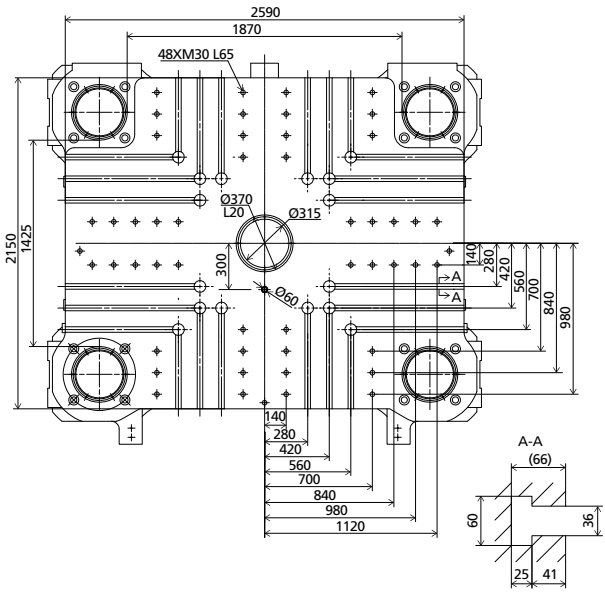
Platen dimensions

Moving platen



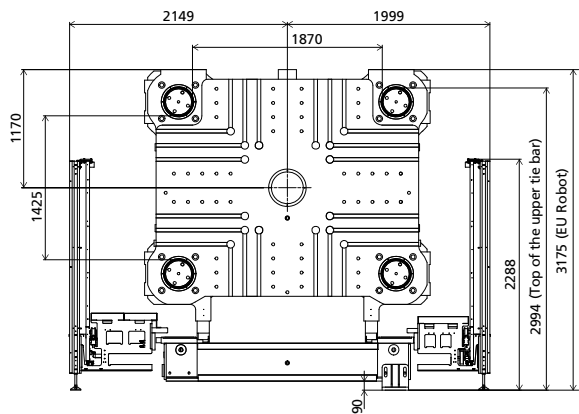
Platen dimensions

Fixed platen



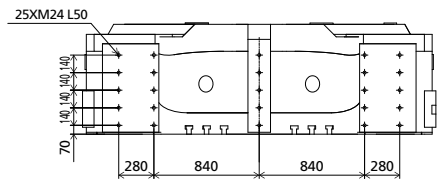
Robot

Mechanical interface

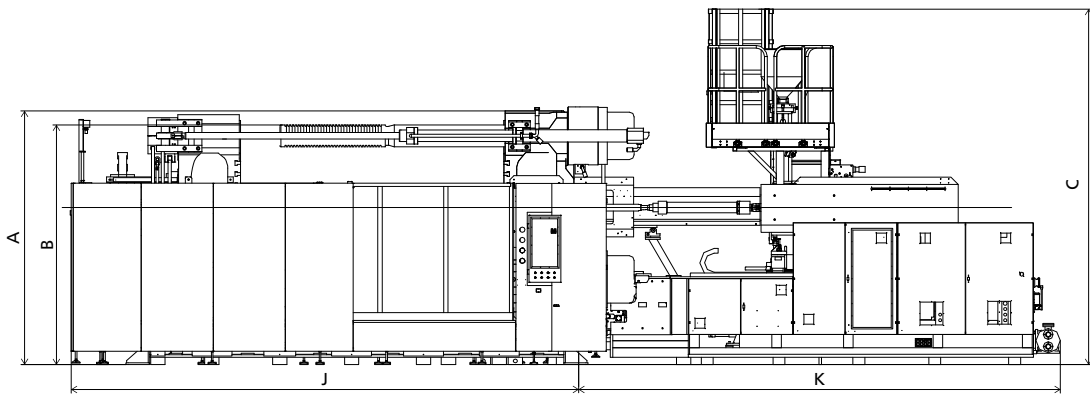


Robot

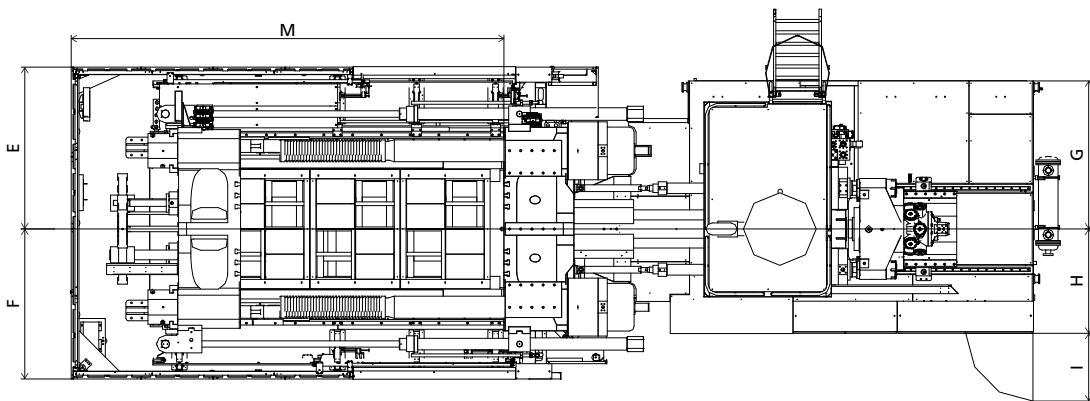
Top view fixed platen



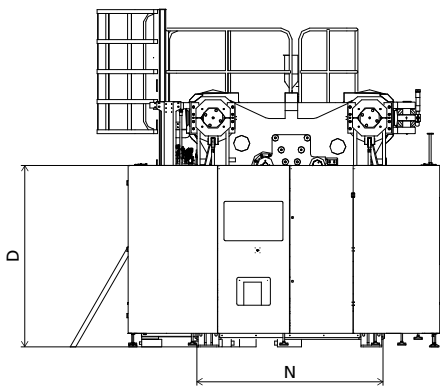
Front view



Top view



Side view



Standard

	INJECTION UNIT												DIMENSIONS (mm)
	A	B	C	D	E	F	G	H	I	J	K	M	N
11300	3175	2994	3330	2270	2149	1999	1318	1282	745	6306	5958	5321	2390
17300	3175	2994	4461	2270	2149	1999	1855	1305	850	6306	6380	5321	2390
22300	3175	2994	4461	2270	2149	1999	1925	1435	850	6306	6443	5321	2390
32300	3175	3745	4461	2270	2149	1999	1925	1435	850	6306	7431	5321	2390

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

SPECIFICATION JU21000III

										SPECIFICATIONS																			
										INJECTION																			
11300					17300					JU21000III					22300					32300					40300				
CLAMPING UNIT										CLAMPING UNIT																			
Clamping force	kN																			kN	Clamping force								
Dist. between tie bars (H×V)	mm																			mm	Dist. between tie bars (H×V)								
Mold height max	mm																			mm	Mold height max								
Mold height min	mm																			mm	Mold height min								
Ejector stroke	mm																			mm	Ejector stroke								
Ejector force	kN																			kN	Ejector force								
Max. daylight	mm																			mm	Max. daylight								
Mold opening stroke ①	mm																			mm	Mold opening stroke ①								
Max. mold weight ②	t																			t	Max. mold weight ②								
INJECTION UNIT										INJECTION UNIT																			
Screw diameter	mm	A	B	C	D	A	B	C		A	B	C	D	A	B	A	B		mm	INJECTION UNIT									
Screw L /D ratio	L/D	110	120	130	140	130	140	150		140	150	160	170	160	170	170	185		L/D	Screw L /D ratio									
Injection volume (theoretical)	cm³	26.2	24	22.2	20.6	24	22.3	20.8		24	22.4	21	19.8	24	22.6	23.5	21.6		cm³	Injection volume (theoretical)									
Injection weight (PS)	g	5227	6220	7300	8467	8362	9698	11133		10468	12017	13672	15435	17492	19747	23379	27687		g	Injection weight (PS)									
Injection rate	g/s	4756	5661	6643	7705	7610	8825	10131		9526	10935	12442	14046	15918	17970	21275	25195		g/s	Injection rate									
Injection pressure	MPa	1211	1441	1691	1961	1236	1433	1646		1379	1583	1801	2033	1590	1795	1530	1811		MPa	Injection pressure									
Injection pressure (max)	MPa	190	159	136	117	186	160	140		185	161	142	126	161	142	159	134		MPa	Injection pressure (max)									
Plasticizing rate (GPPS) ③	g/s	218	183	156	135	211	182	158		211	184	162	143	181	160	180	152		g/s	Plasticizing rate (GPPS) ③									
Plasticizing rate (HDPE) ④	g/s	146	169	195	223	168	192	220		155	176	196	222	--	--	--	--		g/s	Plasticizing rate (HDPE) ④									
Screw speed	rpm	223	259	286	325	252	283	336		243	294	303	334	280	310	309	320		g/s	Plasticizing rate (HDPE) ④									
		125				102				85				72				70				rpm		Screw speed					
OTHERS										OTHERS																			
Pump motor power	kW	167				167				185				185				205				kW	Pump motor power						
Heating power	kW	104				116				133				174				215				kW	Heating power						
Machine dimension (L x W x H)	m	12.43×5.24×3.37				12.93×5.24×4.34				12.92×5.24×4.34				13.90×5.24×4.35				14.42×5.24×4.35				m	Machine dimension (L x W x H)						
Machine weight	t	101				105				109				113				121				t	Machine weight						
Hopper capacity	kg	50				50				50				50				50				kg	Hopper capacity						
Oil tank ⑤	l	1250				1550				1720				1720				2390				l	Oil tank						

NOTE:

① with min. mold height / with max. mold height.

② moving platen: $\frac{2}{3}$ of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

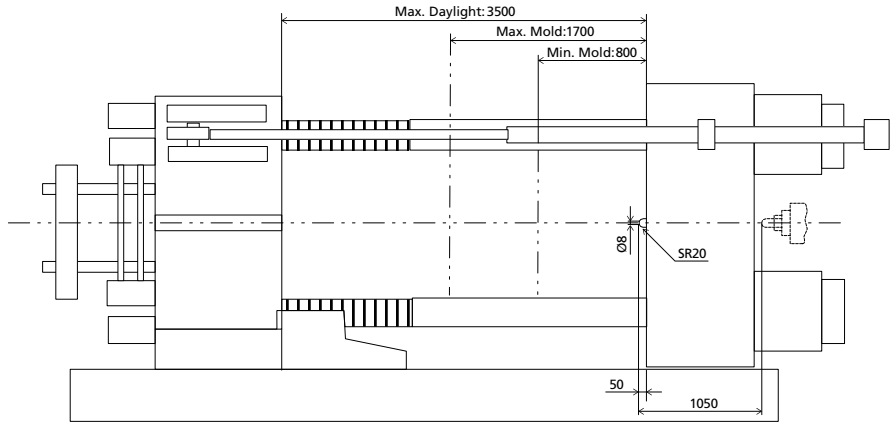
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

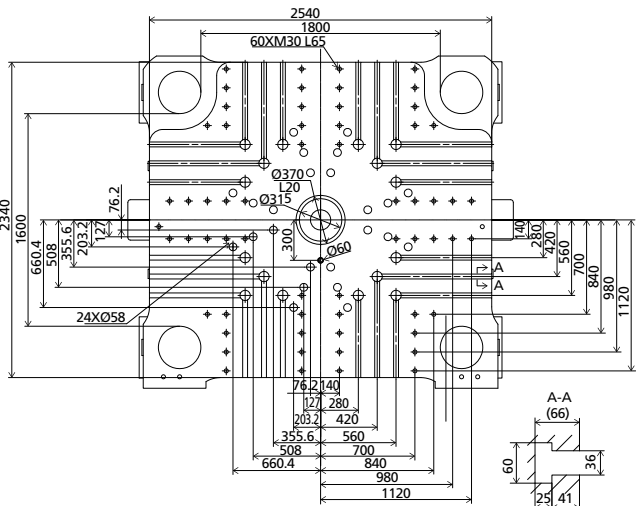
DIMENSIONS JU21000III

Clamping Unit



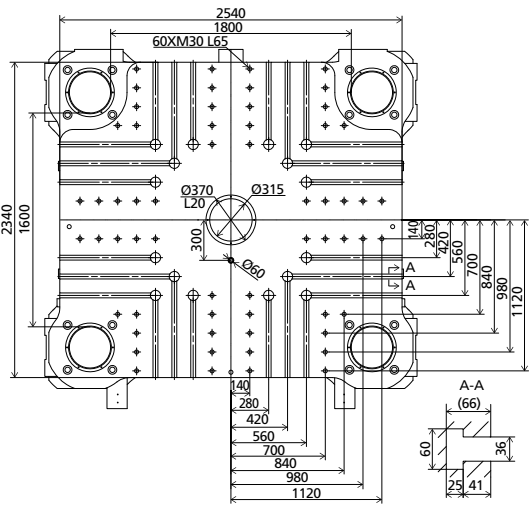
Platen dimensions

Moving platen



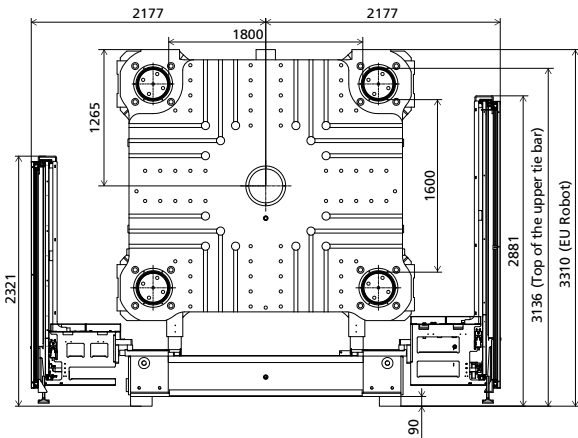
Platen dimensions

Fixed platen



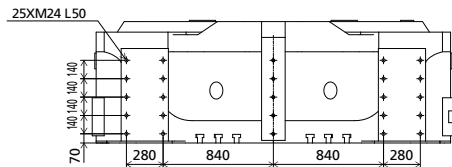
Robot

Mechanical interface

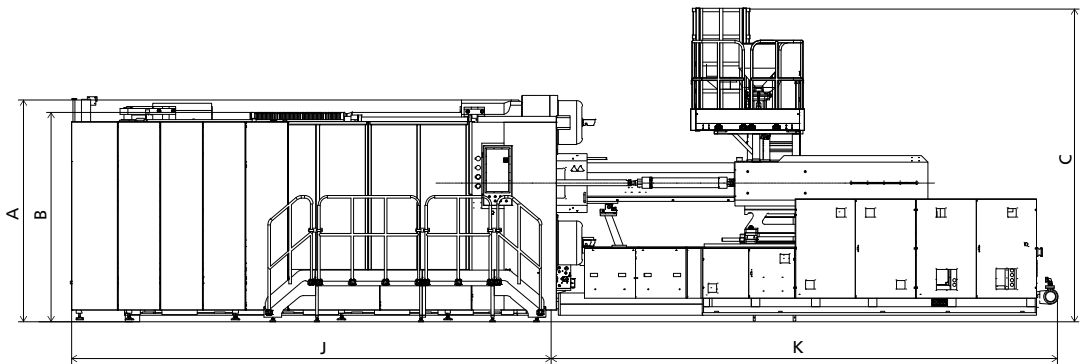


Robot

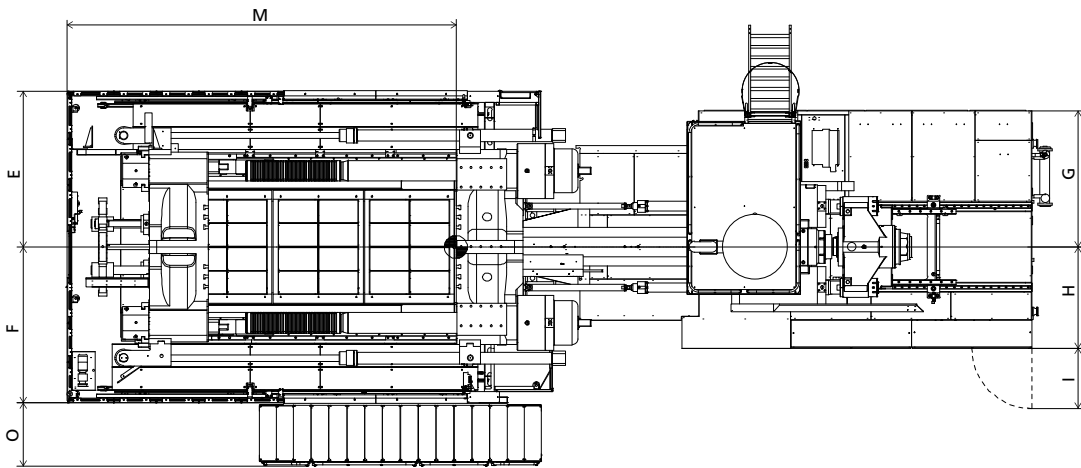
Top view fixed platen



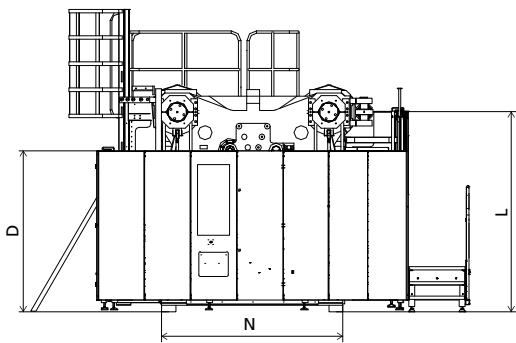
Front view



Top view



Side view



Standard

	INJECTION UNIT														
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
11300	3310	3136	3370	2270	2177	2177	1318	1282	745	6469	5958	2830	5490	2510	864
17300	3310	3136	4335	2270	2177	2177	1855	1305	850	6469	6460	2830	5490	2510	864
22300	3310	3136	4335	2270	2177	2177	1925	1435	850	6469	6443	2830	5490	2510	864
32300	3310	3136	4345	2270	2177	2177	1925	1435	850	6469	7431	2830	5490	2510	864
40300	3310	3136	4345	2270	2177	2177	1965	1515	850	6469	7938	2830	5490	2510	864

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

SPECIFICATION JU24000III

										JU24000III		SPECIFICATIONS INJECTION UNIT			
17300				22300				32300		40300					
CLAMPING UNIT										CLAMPING UNIT					
Clamping force	kN									24000	kN	Clamping force			
Dist. between tie bars (H×V)	mm									2020×1620	mm	Dist. between tie bars (H×V)			
Mold height max	mm									1800	mm	Mold height max			
Mold height min	mm									800	mm	Mold height min			
Ejector stroke	mm									500	mm	Ejector stroke			
Ejector force	kN									450	kN	Ejector force			
Max. daylight	mm									3800	mm	Max. daylight			
Mold opening stroke ①	mm									3000/2000	mm	Mold opening stroke ①			
Max. mold weight ②	t									59	t	Max. mold weight ②			
INJECTION UNIT										INJECTION UNIT					
		A	B	C		A	B	C	D		A	B			
Screw diameter	mm	130	140	150		140	150	160	170		160	170		170	185
Screw L /D ratio	L/D	24	22.3	20.8		24	22.4	21	19.8		24	22.6		23.5	21.6
Injection volume (theoretical)	cm³	8362	9698	11133		10468	12017	13672	15435		17492	19747		23379	27687
Injection weight (PS)	g	7610	8825	10131		9526	10935	12442	14046		15918	17970		21275	25195
Injection rate	g/s	1375	1595	1831		1379	1583	1801	2033		1590	1795		1530	1811
Injection pressure	MPa	186	160	140		185	161	142	126		161	142		159	134
Injection pressure (max)	MPa	211	182	158		211	184	162	143		181	160		180	152
Plasticizing rate (GPPS) ③	g/s	188	215	246		155	176	196	222		--	--		--	--
Plasticizing rate (HDPE) ④	g/s	282	316	376		243	294	303	334		280	310		309	320
Screw speed	rpm	114			85				72			70		rpm	
OTHERS										OTHERS					
Pump motor power	kW	185			185				185			205		kW	
Heating power	kW	116			133				174			215		kW	
Machine dimension (L x W x H)	m	13.18×5.46×4.42			13.58×5.46×4.42				14.57×5.46×4.42			15.14×5.46×4.42		m	
Machine weight	t	125			129				133			140		t	
Hopper capacity	kg	50			50				50			50		kg	
Oil tank ⑤	l	1550			1720				1720			2390		l	

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

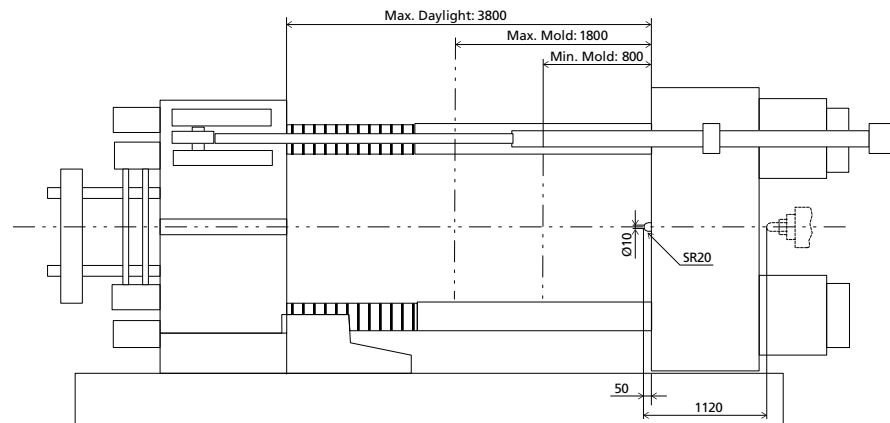
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

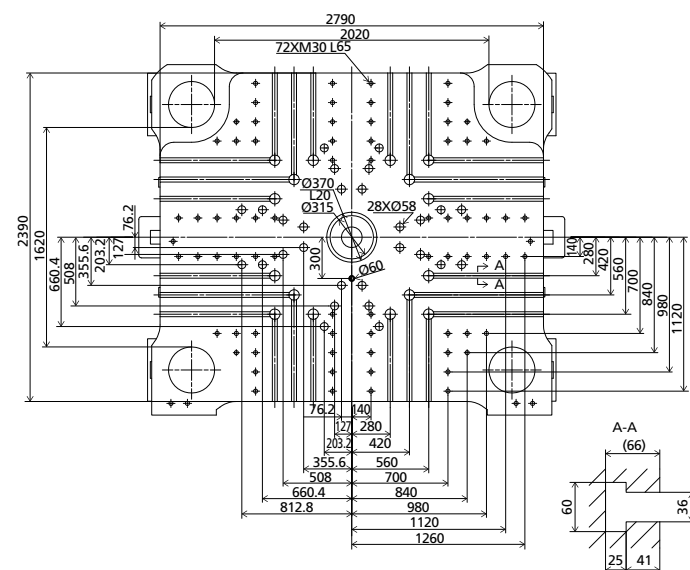
DIMENSIONS JU24000III

Clamping Unit



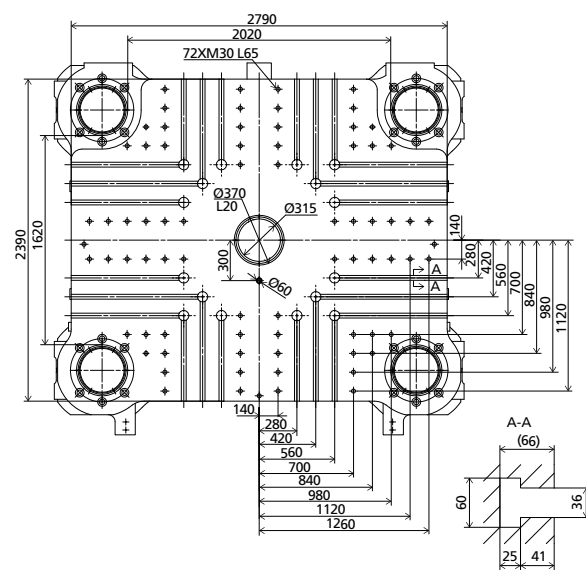
Platen dimensions

Moving platen



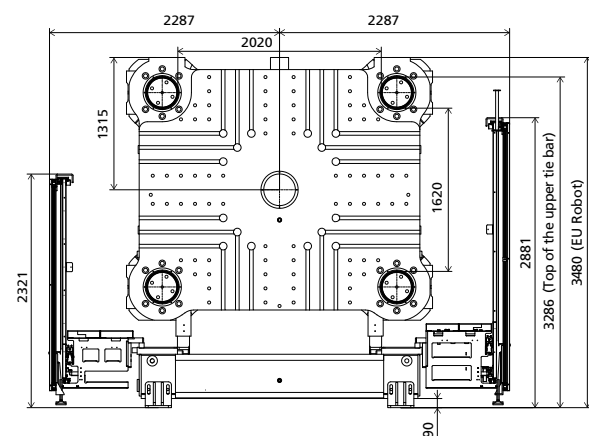
Platen dimensions

Fixed platen



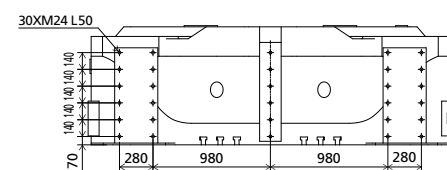
Robot

Mechanical interface

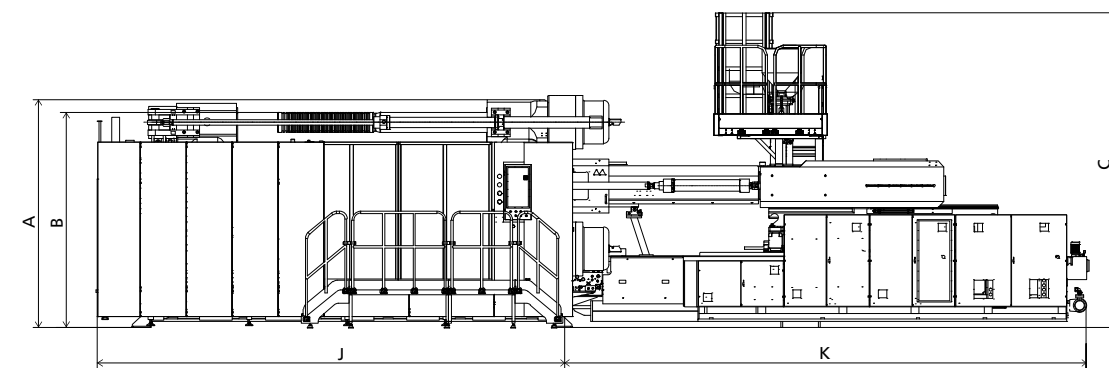


Robot

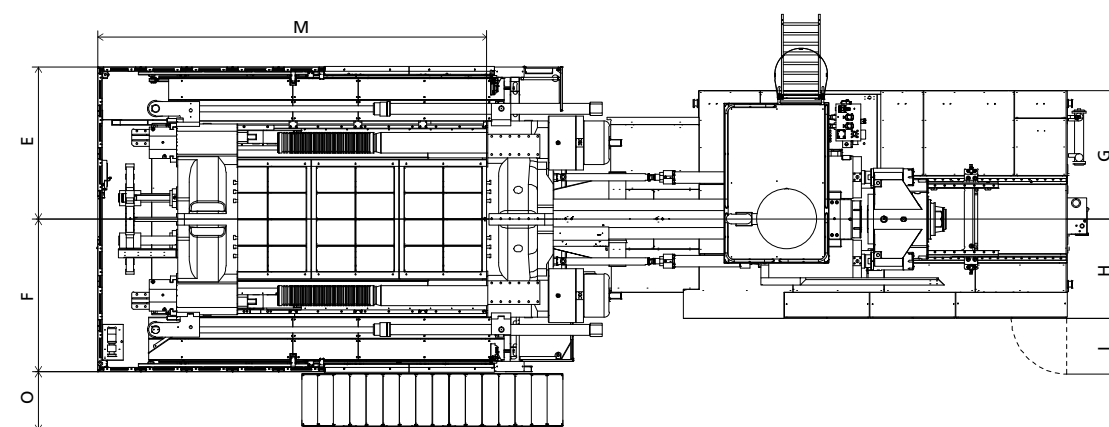
Top view fixed platen



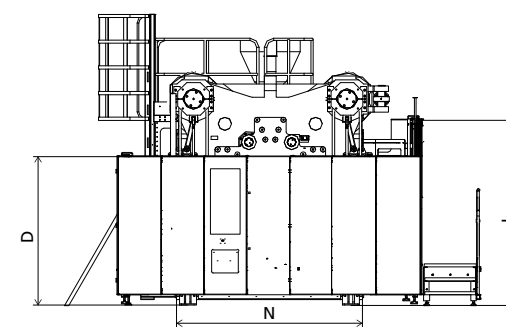
Front view



Top view



Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
17300	3480	3286	4415	2270	2287	2287	1855	1305	850	7125	6051	2830	5936	2750	864
22300	3480	3286	4415	2270	2287	2287	1925	1435	850	7125	6443	2830	5936	2750	864
32300	3480	3286	4415	2270	2287	2287	1925	1435	850	7125	7431	2830	5936	2750	864
40300	3480	3286	4415	2270	2287	2287	1965	1515	850	7125	7938	2830	5936	2750	864

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

SPECIFICATION JU28000III

										JU28000III		SPECIFICATIONS INJECTION UNIT			
22300					32300			40300		50300				62300	
CLAMPING UNIT										CLAMPING UNIT					
Clamping force	kN									28000		kN	Clamping force		
Dist. between tie bars (H×V)	mm									2185×1755		mm	Dist. between tie bars (H×V)		
Mold height max	mm									2000		mm	Mold height max		
Mold height min	mm									800		mm	Mold height min		
Ejector stroke	mm									500		mm	Ejector stroke		
Ejector force	kN									450		kN	Ejector force		
Max. daylight	mm									4100		mm	Max. daylight		
Mold opening stroke ①	mm									3300/2100		mm	Mold opening stroke ①		
Max. mold weight ②	t									66		t	Max. mold weight ②		
INJECTION UNIT										INJECTION UNIT					
Screw diameter	mm	A	B	C	D	A	B	A	B	200	220	mm	Screw diameter		
Screw L /D ratio	L/D	24	22.4	21	19.8	24	22.6	23.5	21.6	20	20.5	L/D	Screw L /D ratio		
Injection volume (theoretical)	cm ³	10468	12017	13672	15435	17492	19747	23379	27687	35186	45616	cm ³	Injection volume (theoretical)		
Injection weight (PS)	g	9526	10935	12442	14046	15918	17970	21275	25195	32019	41510	g	Injection weight (PS)		
Injection rate	g/s	1460	1676	1907	2153	1684	1901	1530	1811	2314	2492	g/s	Injection rate		
Injection pressure	MPa	185	161	142	126	161	142	159	134	128	119	MPa	Injection pressure		
Injection pressure (max)	MPa	211	184	162	143	181	160	180	152	143	134	MPa	Injection pressure (max)		
Plasticizing rate (GPPS) ③	g/s	171	195	216	245	--	--	--	--	--	--	g/s	Plasticizing rate (GPPS) ③		
Plasticizing rate (HDPE) ④	g/s	269	325	335	369	315	349	309	320	380	370	g/s	Plasticizing rate (HDPE) ④		
Screw speed	rpm	94				81		70		70	53	rpm	Screw speed		
OTHERS										OTHERS					
Pump motor power	kW	205				205		205		255	255	kW	Pump motor power		
Heating power	kW	133				174		215		215	223	kW	Heating power		
Machine dimension (L x W x H)	m	14.02×5.60×4.42				15.01×5.60×4.42		15.51×5.60×4.42		15.93×5.60×4.42	16.66×5.60×4.42	m	Machine dimension (L x W x H)		
Machine weight	t	153				157		164		169	174	t	Machine weight		
Hopper capacity	kg	50				50		50		50	50	kg	Hopper capacity		
Oil tank ⑤	l	1720				1720		2390		2880	2880	l	Oil tank		

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

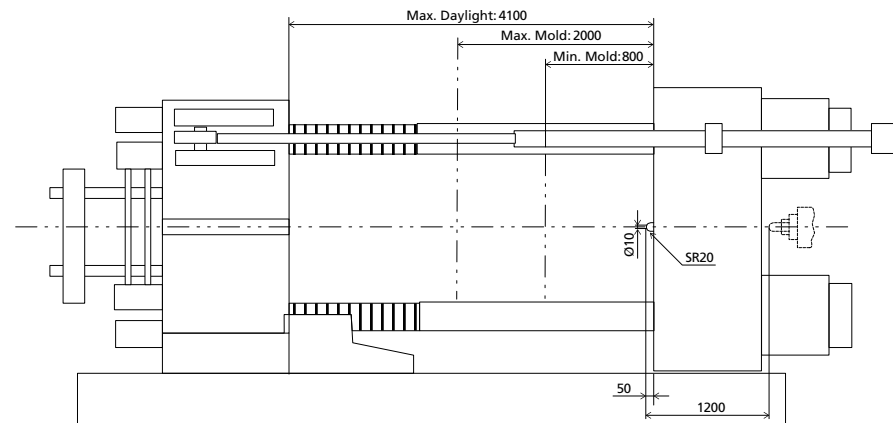
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

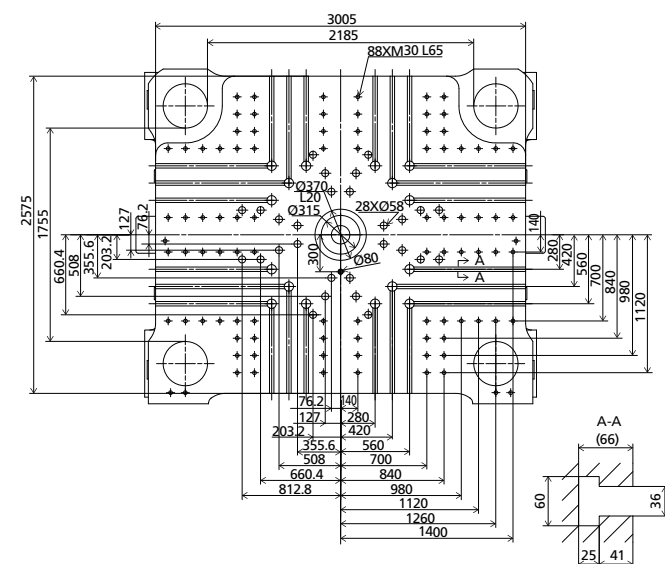
DIMENSIONS JU28000III

Clamping Unit



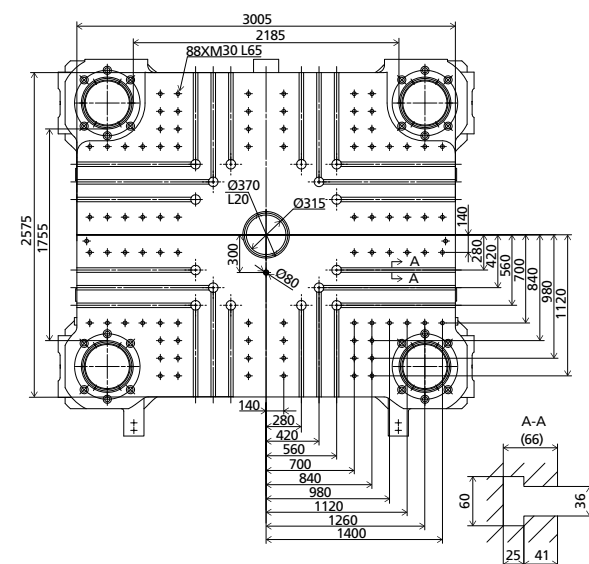
Platen dimensions

Moving platen



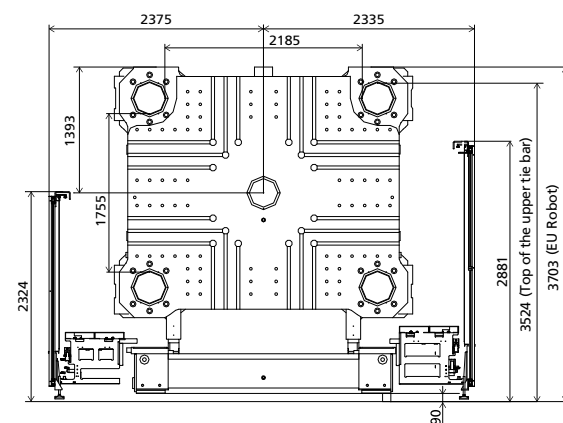
Platen dimensions

Fixed platen



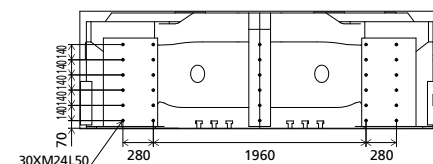
Robot

Mechanical interface

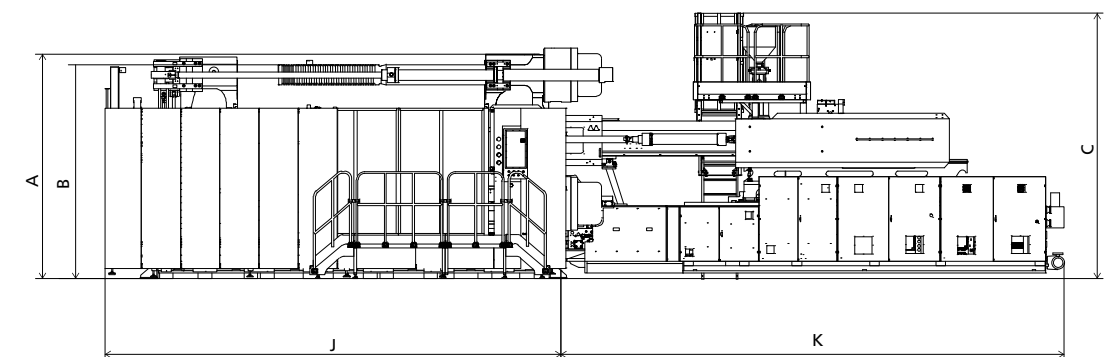


Robot

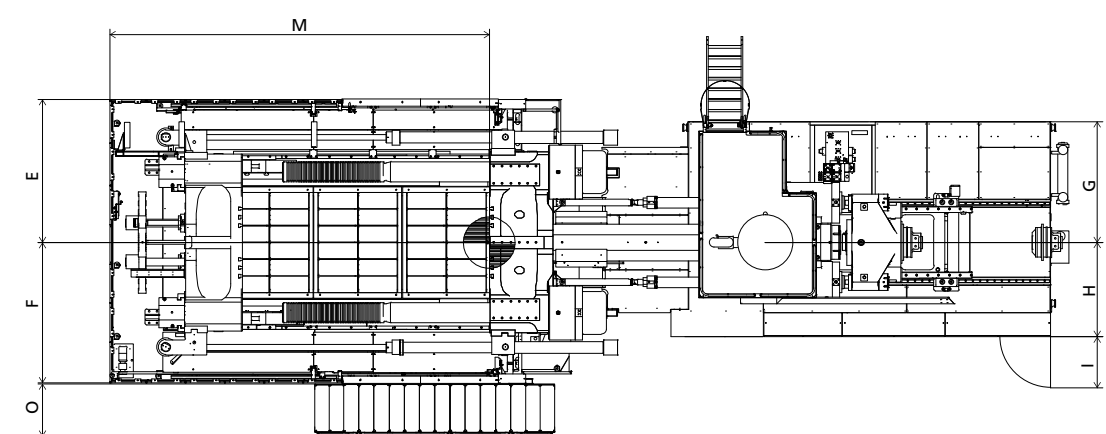
Top view fixed platen



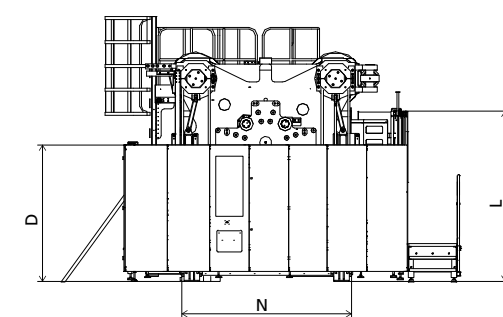
Front view



Top view



Side view



	Standard													INJECTION	DIMENSION
	A	B	C	D	E	F	G	H	I	J	K	L	M		
22300	3703	3524	4418	2270	2375	2335	1925	1435	850	7570	6443	2830	6300	2817	864
32300	3703	3524	4418	2270	2375	2335	1925	1435	850	7570	7431	2830	6300	2817	864
40300	3703	3524	4418	2270	2375	2335	1925	1435	850	7570	7938	2830	6300	2817	864
50300	3703	3524	4418	2270	2375	2335	1925	1435	850	7570	8355	2830	6300	2817	864
62300	3703	3524	4418	2270	2375	2335	1925	1435	850	7570	8895	2830	6300	2817	864

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

SPECIFICATION JU33000III

											JU33000III	SPECIFICATIONS INJECTION	
22300323004030050300											62300		
CLAMPING UNIT											CLAMPING UNIT		
Clamping force	kN										33000	kN	Clamping force
Dist. between tie bars (H×V)	mm										2270×1900	mm	Dist. between tie bars (H×V)
Mold height max	mm										2000	mm	Mold height max
Mold height min	mm										1000	mm	Mold height min
Ejector stroke	mm										550	mm	Ejector stroke
Ejector force	kN										580	kN	Ejector force
Max. daylight	mm										4200	mm	Max. daylight
Mold opening stroke ①	mm										3200/2200	mm	Mold opening stroke ①
Max. mold weight ②	t										75	t	Max. mold weight ②
INJECTION UNIT											INJECTION UNIT		
Screw diameter	mm	A	B	C	D	A	B	A	B		220	mm	Screw diameter
Screw L /D ratio	L/D	24	22.4	21	19.8	24	22.6	23.5	21.6	20	20.5	L/D	Screw L /D ratio
Injection volume (theoretical)	cm³	10468	12017	13672	15435	17492	19747	23379	27687	35186	45616	cm³	Injection volume (theoretical)
Injection weight (PS)	g	9526	10935	12442	14046	15918	17970	21275	25195	32019	41510	g	Injection weight (PS)
Injection rate	g/s	1460	1676	1907	2153	1684	1901	1530	1811	2314	2492	g/s	Injection rate
Injection pressure	MPa	185	161	142	126	161	142	159	134	128	119	MPa	Injection pressure
Injection pressure (max)	MPa	211	184	162	143	181	160	180	152	143	134	MPa	Injection pressure (max)
Plasticizing rate (GPPS) ③	g/s	171	195	216	245	--	--	--	--	--	--	g/s	Plasticizing rate (GPPS) ③
Plasticizing rate (HDPE) ④	g/s	269	325	335	369	315	349	309	320	380	370	g/s	Plasticizing rate (HDPE) ④
Screw speed	rpm	94				81		70		70	53	rpm	Screw speed
OTHERS											OTHERS		
Pump motor power	kW	205				205		205		255	255	kW	Pump motor power
Heating power	kW	133				174		215		215	223	kW	Heating power
Machine dimension (L x W x H)	m	14.42×5.92×4.58				15.41×5.92×4.58		15.92×5.92×4.58		16.33×5.92×4.58	17.07×5.92×4.58	m	Machine dimension (L x W x H)
Machine weight	t	177				181		189		194	198	t	Machine weight
Hopper capacity	kg	50				50		50		50	50	kg	Hopper capacity
Oil tank ⑤	l	1720				1720		2390		2880	2880	l	Oil tank

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

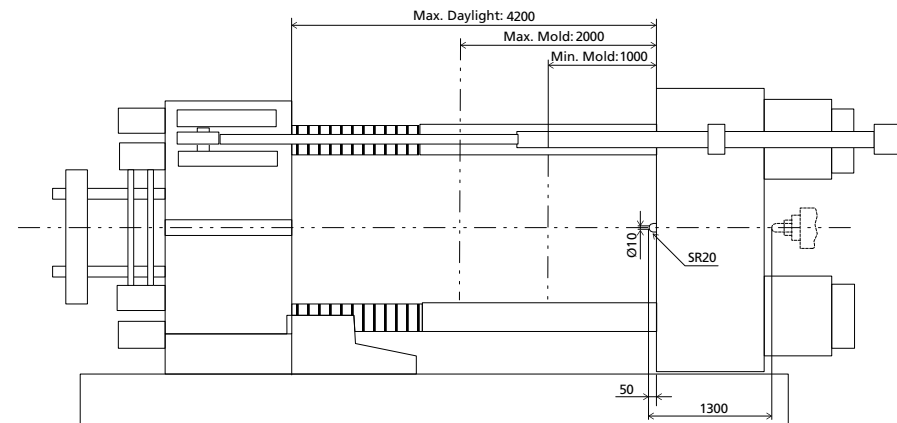
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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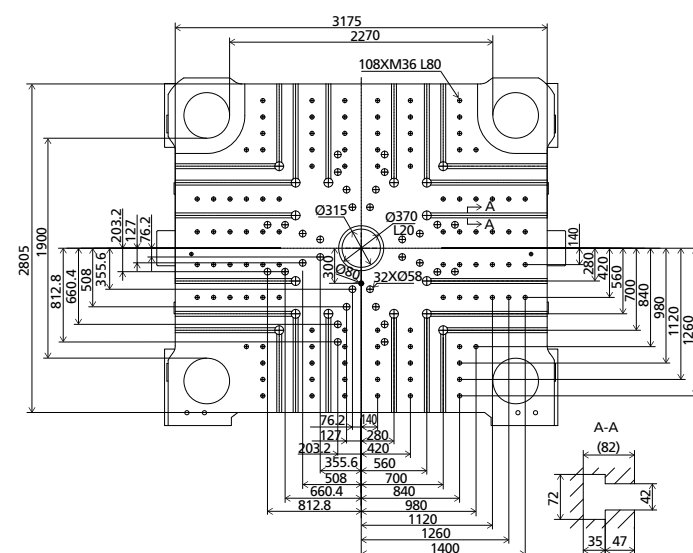
DIMENSIONS JU33000III

Clamping Unit



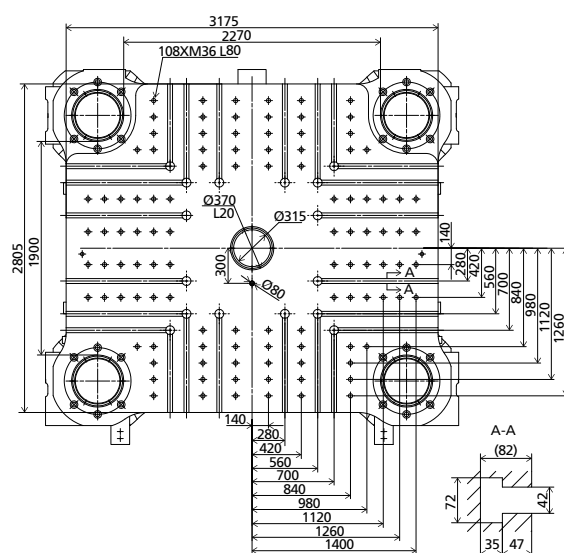
Platen dimensions

Moving platen



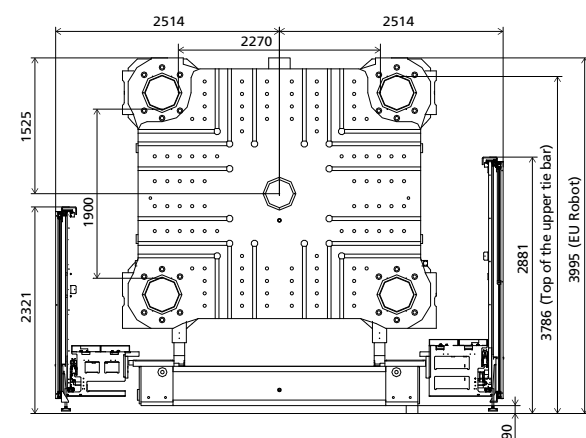
Platen dimensions

Fixed platen



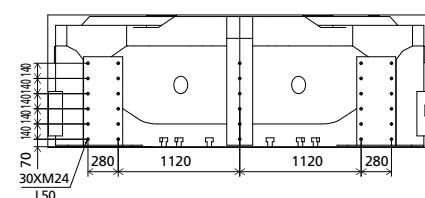
Robot

Mechanical interface

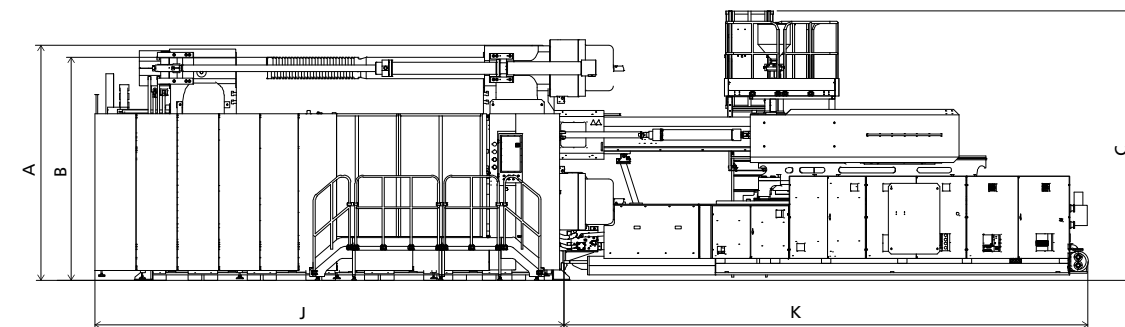


Robot

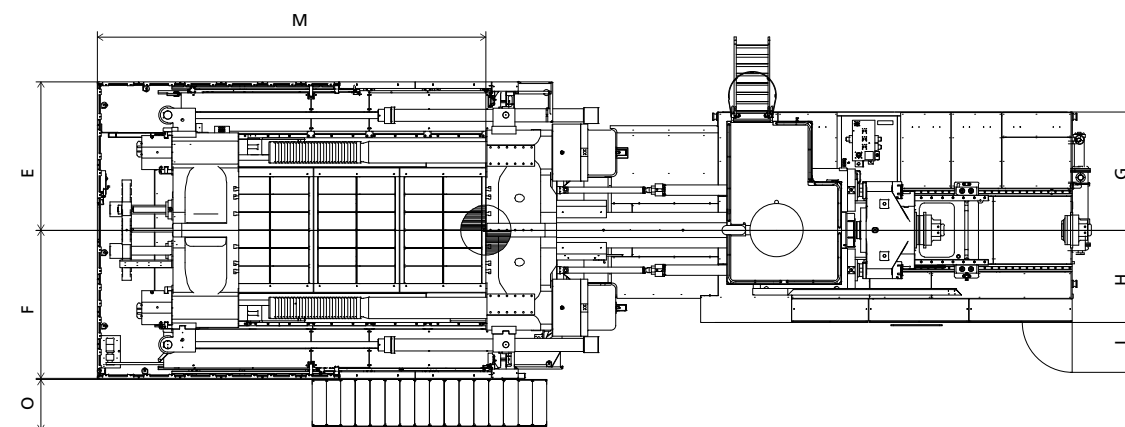
Top view fixed platen



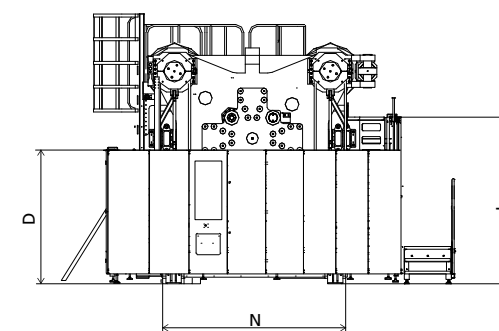
Front view



Top view



Side view



■ Standard

	Main Data													Summary	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
22300	3995	3786	4573	2270	2514	2514	1925	1435	850	7975	6443	2830	6605	3110	864
32300	3995	3786	4573	2270	2514	2514	1925	1435	850	7975	7431	2830	6605	3110	864
40300	3995	3786	4573	2270	2514	2514	1925	1515	850	7975	7938	2830	6605	3110	864
50300	3995	3786	4573	2270	2514	2514	1925	1565	850	7975	8355	2830	6605	3110	864
62300	3995	3786	4573	2270	2514	2514	1925	1565	850	7975	8895	2830	6605	3110	864

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

SPECIFICATION JU40000III

SPECIFICATIONS
INJECTION UNIT

		JU40000III			
		93300		106300	
CLAMPING UNIT				CLAMPING UNIT	
Clamping force	kN	40000		kN	Clamping force
Dist. between tie bars (H×V)	mm	2400×2000		mm	Dist. between tie bars (H×V)
Mold height max	mm	2200		mm	Mold height max
Mold height min	mm	1000		mm	Mold height min
Ejector stroke	mm	550		mm	Ejector stroke
Ejector force	kN	580		kN	Ejector force
Max. daylight	mm	4460		mm	Max. daylight
Mold opening stroke ①	mm	3460/2260		mm	Mold opening stroke ①
Max. mold weight ②	t	86		t	Max. mold weight ②
INJECTION UNIT				INJECTION UNIT	
Screw diameter	mm	240		mm	Screw diameter
Screw L /D ratio	L/D	23		L/D	Screw L /D ratio
Injection volume (theoretical)	cm ³	60168		cm ³	Injection volume (theoretical)
Injection weight (PS)	g	54753		g	Injection weight (PS)
Injection rate	g/s	2860		g/s	Injection rate
Injection pressure	MPa	141		MPa	Injection pressure
Injection pressure (max)	MPa	156		MPa	Injection pressure (max)
Plasticizing rate (GPPS) ③	g/s	--		g/s	Plasticizing rate (GPPS) ③
Plasticizing rate (HDPE) ④	g/s	470		g/s	Plasticizing rate (HDPE) ④
Screw speed	rpm	50		rpm	Screw speed
OTHERS				OTHERS	
Pump motor power	kW	375		kW	Pump motor power
Heating power	kW	290		kW	Heating power
Machine dimension (L x W x H)	m	19.33×6.05×4.54		m	Machine dimension (L x W x H)
Machine weight	t	245		t	Machine weight
Hopper capacity	kg	50		kg	Hopper capacity
Oil tank ⑤	l	3940		l	Oil tank

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

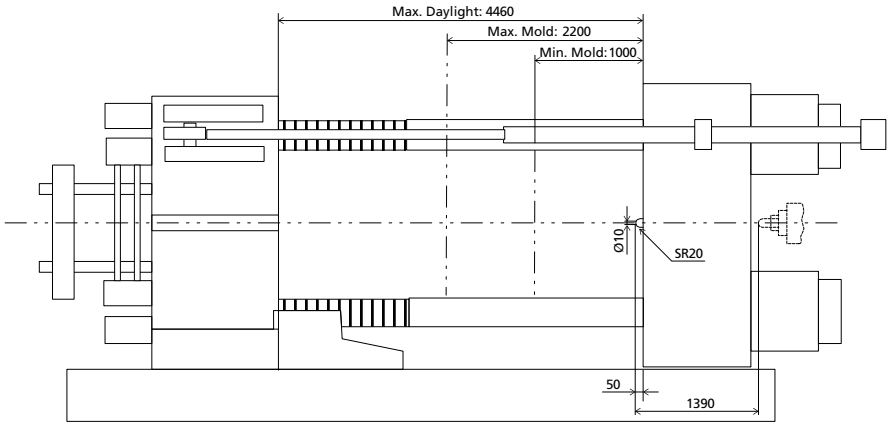
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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

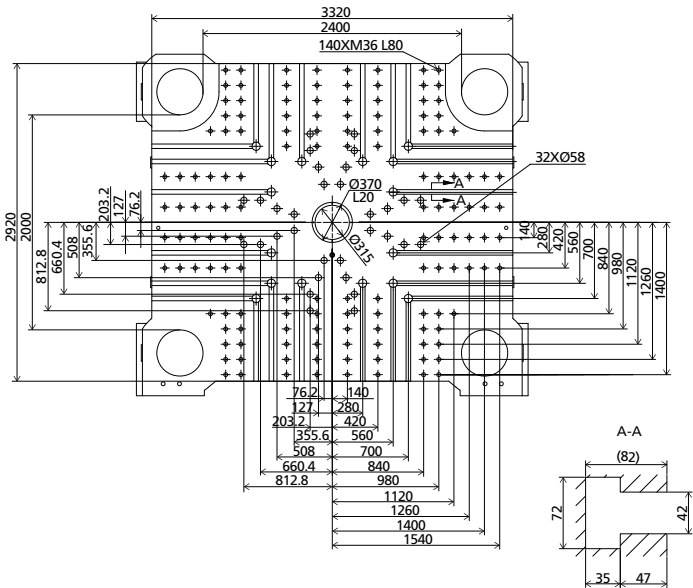
DIMENSIONS JU40000III

Clamping Unit



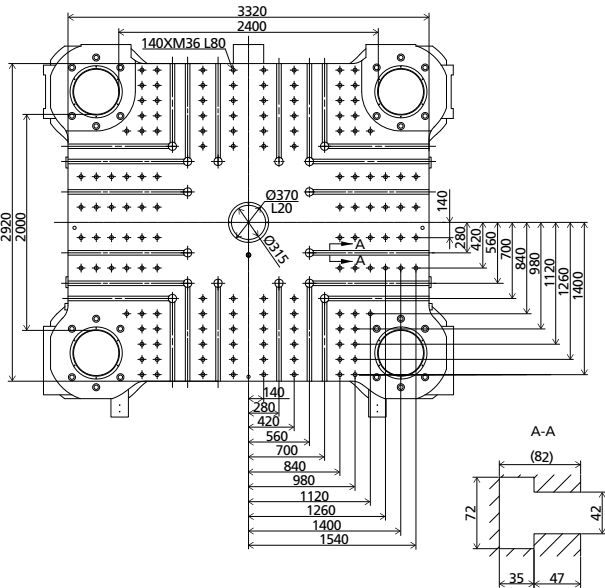
Platen dimensions

Moving platen



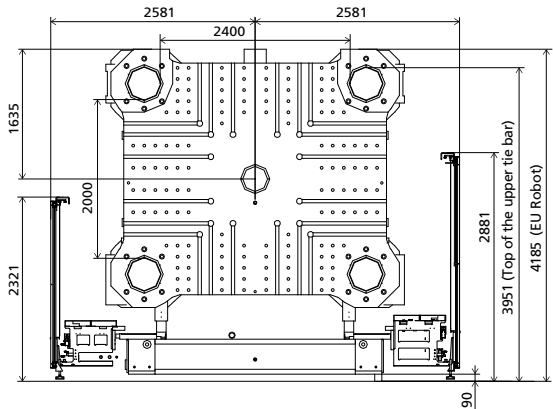
Platen dimensions

Fixed platen



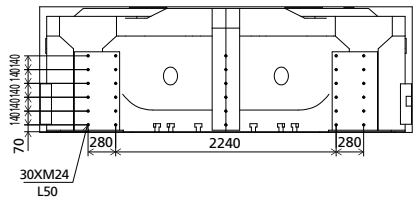
Robot

Mechanical interface

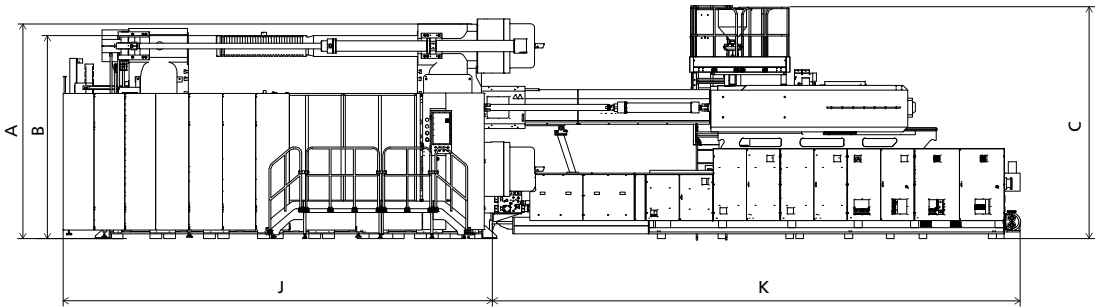


Robot

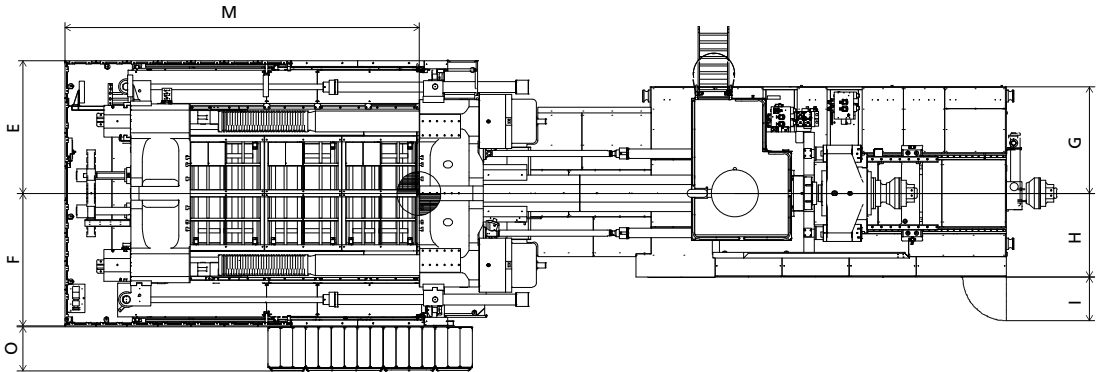
Top view fixed platen



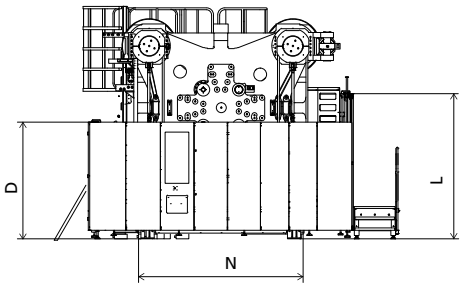
Front view



Top view



Side view



Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
93300	4185	3951	4533	2270	2581	2581	2075	1635	850	8360	10288	2830	6900	3200	864
106300	4185	3951	4533	2270	2581	2581	2075	1635	850	8360	10288	2830	6900	3200	864

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

SPECIFICATION JU55000III

SPECIFICATIONS
INJECTION UNIT

JU55000III				93300	106300
CLAMPING UNIT			CLAMPING UNIT		
Clamping force	kN	55000		kN	Clamping force
Dist. between tie bars (H×V)	mm	2600×2600		mm	Dist. between tie bars (H×V)
Mold height max	mm	2500		mm	Mold height max
Mold height min	mm	1300		mm	Mold height min
Ejector stroke	mm	600		mm	Ejector stroke
Ejector force	kN	800		kN	Ejector force
Max. daylight	mm	6000		mm	Max. daylight
Mold opening stroke ①	mm	3500/4700		mm	Mold opening stroke ①
Max. mold weight ②	t			t	Max. mold weight ②
INJECTION UNIT			INJECTION UNIT		
Screw diameter	mm	240	260	mm	Screw diameter
Screw L /D ratio	L/D	23	23	L/D	Screw L /D ratio
Injection volume (theoretical)	cm ³	60168	80170	cm ³	Injection volume (theoretical)
Injection weight (PS)	g	54753	72955	g	Injection weight (PS)
Injection rate	g/s	2860	3356	g/s	Injection rate
Injection pressure	MPa	141	120	MPa	Injection pressure
Injection pressure (max)	MPa	156	133	MPa	Injection pressure (max)
Plasticizing rate (GPPS) ③	g/s	--	--	g/s	Plasticizing rate (GPPS) ③
Plasticizing rate (HDPE) ④	g/s	470	500	g/s	Plasticizing rate (HDPE) ④
Screw speed	rpm	50	42	rpm	Screw speed
OTHERS			OTHERS		
Pump motor power	kW	375	375	kW	Pump motor power
Heating power	kW	290	314	kW	Heating power
Machine dimension (L x W x H)	m	--	--	m	Machine dimension (L x W x H)
Machine weight	t	390	400	t	Machine weight
Hopper capacity	kg	600	600	kg	Hopper capacity
Oil tank ⑤	l	3940	3940	l	Oil tank

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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SPECIFICATION JU66000III

SPECIFICATIONS
INJECTION UNIT

		JU66000III		518000			
CLAMPING UNIT				CLAMPING UNIT			
Clamping force	kN	66000		kN	Clamping force		
Dist. between tie bars (H×V)	mm	3200×2600		mm	Dist. between tie bars (H×V)		
Mold height max	mm	3500		mm	Mold height max		
Mold height min	mm	1500		mm	Mold height min		
Ejector stroke	mm	1000		mm	Ejector stroke		
Ejector force	kN	810		kN	Ejector force		
Max. daylight	mm	6700		mm	Max. daylight		
Mold opening stroke ①	mm	3200/5200		mm	Mold opening stroke ①		
Max. mold weight ②	t	180		t	Max. mold weight ②		
INJECTION UNIT				INJECTION UNIT			
Screw diameter	mm	150		mm	Screw diameter		
Screw L /D ratio	L/D	33		L/D	Screw L /D ratio		
Injection volume (theoretical)	cm³	450269		cm³	Injection volume (theoretical)		
Injection weight (PS)	g	328696		g	Injection weight (PS)		
Injection rate	g/s	3779		g/s	Injection rate		
Injection pressure	MPa	115		MPa	Injection pressure		
Injection pressure (max)	MPa	--		MPa	Injection pressure (max)		
Plasticizing rate (GPPS) ③	g/s	--		g/s	Plasticizing rate (GPPS) ③		
Plasticizing rate (HDPE) ④	g/s	300		g/s	Plasticizing rate (HDPE) ④		
Screw speed	rpm	75		rpm	Screw speed		
OTHERS				OTHERS			
Pump motor power	kW	525		kW	Pump motor power		
Heating power	kW	503.35		kW	Heating power		
Machine dimension (L x W x H)	m	25×6.5×7		m	Machine dimension (L x W x H)		
Machine weight	t	560		t	Machine weight		
Hopper capacity	kg	600		kg	Hopper capacity		
Oil tank ⑤	l	7100		l	Oil tank		

NOTE:

① with min. mold height / with max. mold height.

② moving platen: 2/3 of max. mold weight.

③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

⑤ The oil tank volume refers to the volume of the oil tank itself, excluding the volume in cylinder and pipeline. In this sense, the customer is advised to prepare the hydraulic oil according to 1.35 times of the oil tank volume.

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