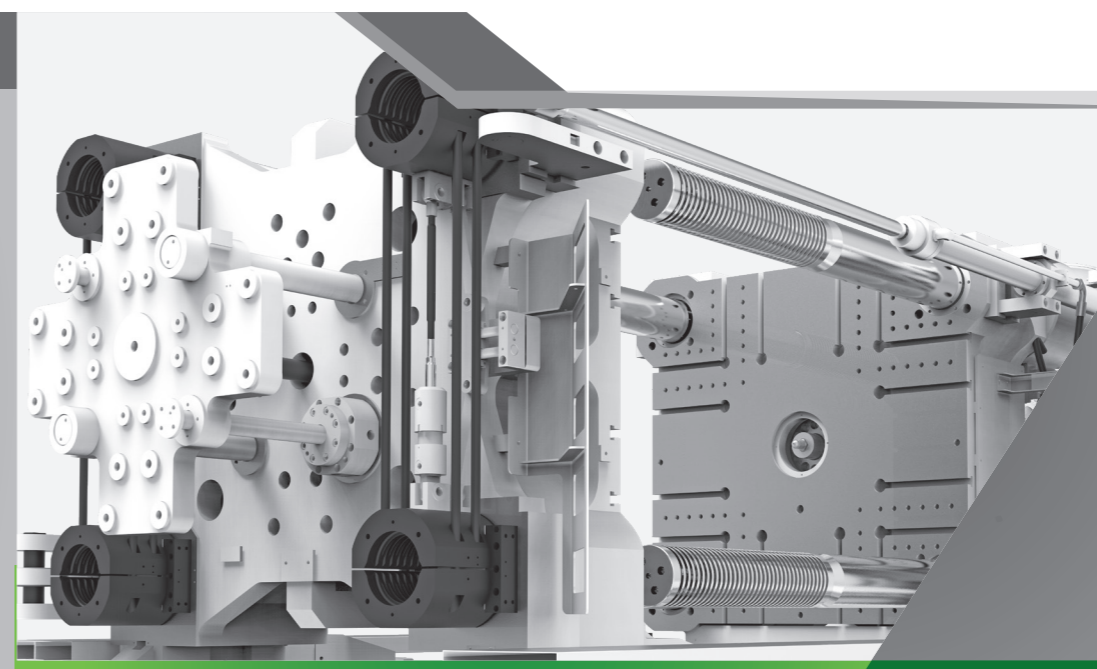


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SPECIFICATIONS

EUROPE



HAITIAN JUPITER III SERIES

Servo hydraulic two-platen solution

12,000 - 66,000 kN

JU 20190402-EU



Combination Possibilities

12,000 - 66,000 kN

	CLAMPING UNIT		INJECTION UNIT														
MACHINE TYPE	1730	2230	3430	4630	5330	6730	8930	11300	17300	22300	32300	40300	50300	62300	93300	106300	518000
JU4500																	
JU5500																	
JU6500																	
JU7500																	
JU9000																	
JU10800																	
JU12000																	
JU13000																	
JU14000																	
JU16000																	
JU18500																	
JU21000																	
JU24000																	
JU28000																	
JU33000																	
JU40000																	
JU55000																	
JU66000																	

Standard range
Combination possibilities

SPECIFICATION JU12000III

SPECIFICATIONS
INJECTION UNIT

	5330	6730	JU12000III				8930	11300										
CLAMPING UNIT																		
Clamping force	kN					12000			kN	Clamping force								
Dist. between tie bars (HxV)	mm					1300x1200			mm	Dist. between tie bars (HxV)								
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					
Screw diameter	mm	80	90	100	110	90	100	110	120	100	110	120	130	mm				
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	L/D				
Injection volume (theoretical)	cm ³	2262	2863	3534	4276	2990	3691	4467	5316	4006	4847	5768	6769	cm ³				
Injection weight (PS)	g	2058	2605	3216	3892	2721	3359	4065	4837	3645	4410	5249	6160	g				
Injection rate	g/s	608	770	951	1150	642	793	960	1142	762	922	1097	1288	g/s				
Injection pressure	MPa	204	161	131	108	193	157	129	109	196	162	136	116	MPa				
Injection pressure (max)	MPa	236	187	151	125	222	180	149	125	223	184	155	132	MPa				
Plasticizing rate (GPPS) ③	g/s	80.6	101	125	146	89.5	110	130	152	101	121	140	161	g/s				
Plasticizing rate (HDPE) ④	g/s	119	151	186	219	132	162	193	224	147	177	201	231	g/s				
Screw speed	rpm	165				135				116				105				rpm
OTHERS																		
Pump motor power	kW	85				85				112				130				kW
Heating power	kW	54				71				83				104				kW
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 weight	t	49				51				52				56				t
Hopper capacity	kg	50				50				50				50				kg
Oil tank	l	730				780				960				1250				l

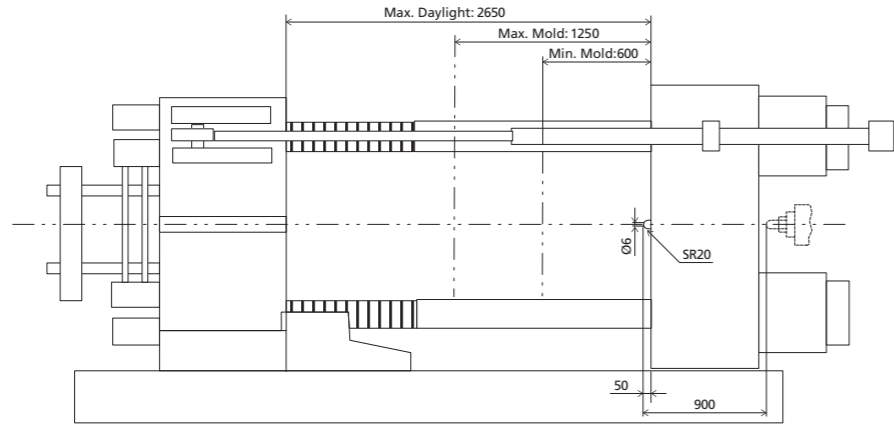
NOTE:

- 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.

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

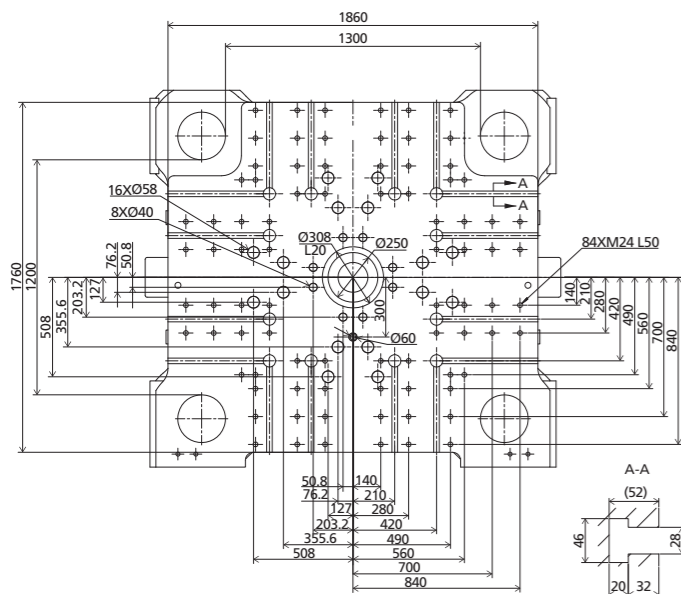
DIMENSIONS JU12000III

Clamping Unit



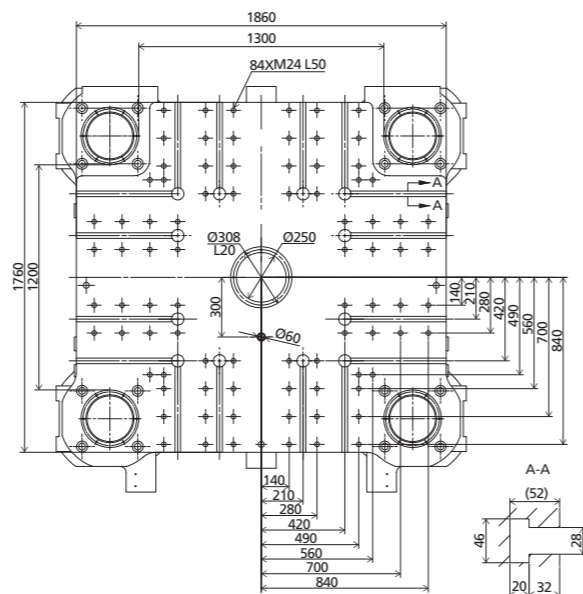
Platen dimensions

Moving platen



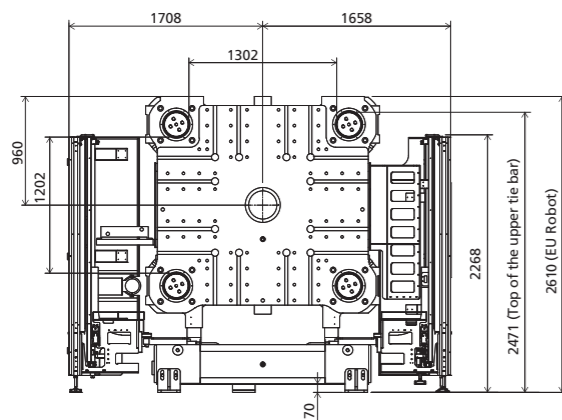
Platen dimensions

Fixed platen



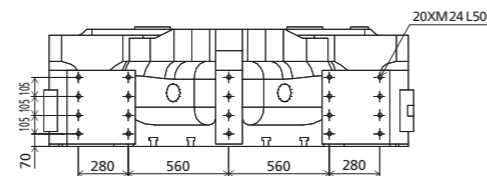
Robot

Mechanical interface

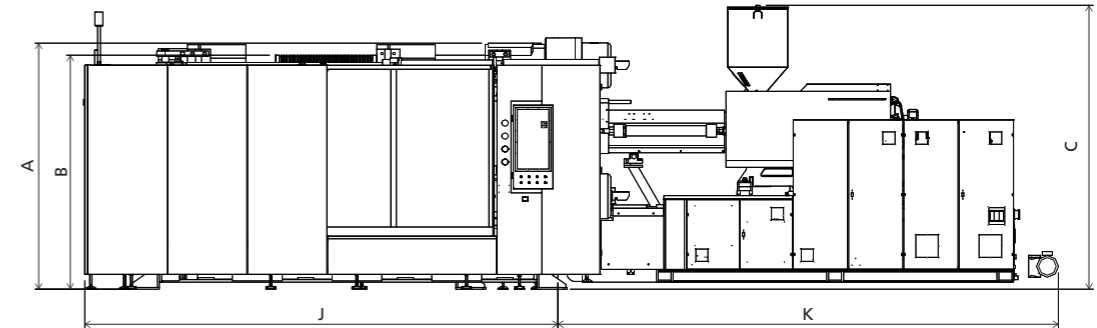


Robot

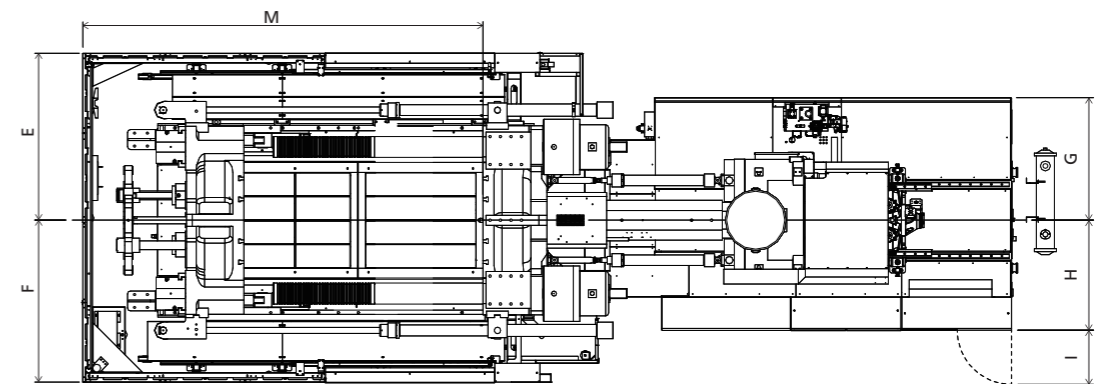
Top view fixed platen



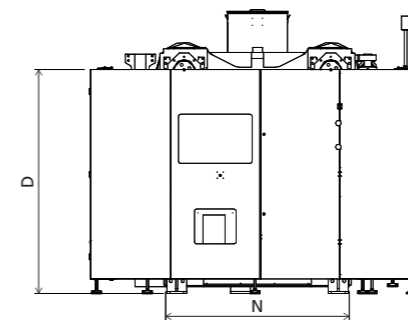
Front view



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

INJECTION UNIT
DIMENSIONS (mm)

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

SPECIFICATION JU13000III

SPECIFICATIONS
INJECTION UNIT

	6730	8930	JU13000III				17300			
			11300							
CLAMPING UNIT										
Clamping force	kN		13000				kN			
Dist. between tie bars (HxV)	mm		1420x1170				mm			
Mold height max	mm		1350				mm			
Mold height min	mm		600				mm			
Ejector stroke	mm		350				mm			
Ejector force	kN		230				kN			
Max. daylight	mm		2850				mm			
Mold opening stroke ①	mm		2250/1500				mm			
Max. mold weight ②	t		23				t			
INJECTION UNIT										
		A	B	C	D	A	B	C	D	
Screw diameter	mm	90	100	110	120	100	110	120	130	mm
Screw L /D ratio	L/D	24.4	22	20	18.3	24.2	22	20.2	18.6	L/D
Injection volume (theoretical)	cm ³	2990	3691	4467	5316	4006	4847	5768	6769	cm ³
Injection weight (PS)	g	2721	3359	4065	4837	3645	4410	5249	6160	g
Injection rate	g/s	774	955	1156	1376	762	922	1097	1288	g/s
Injection pressure	MPa	193	157	129	109	196	162	136	116	MPa
Injection pressure (max)	MPa	222	180	149	125	223	184	155	132	MPa
Plasticizing rate (GPPS) ③	g/s	99.4	122	144	169	101	121	140	161	g/s
Plasticizing rate (HDPE) ④	g/s	147	180	214	250	147	177	201	231	g/s
Screw speed	rpm		150				116			rpm
OTHERS										
Pump motor power	kW		112				112			kW
Heating power	kW		71				83			kW
Machine dimension (L x W x H)	m		10.10x3.53x3.04				10.43x3.53x3.05			m
Machine weight	t		56				57			t
Hopper capacity	kg		50				50			kg
Oil tank	l		780				960			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

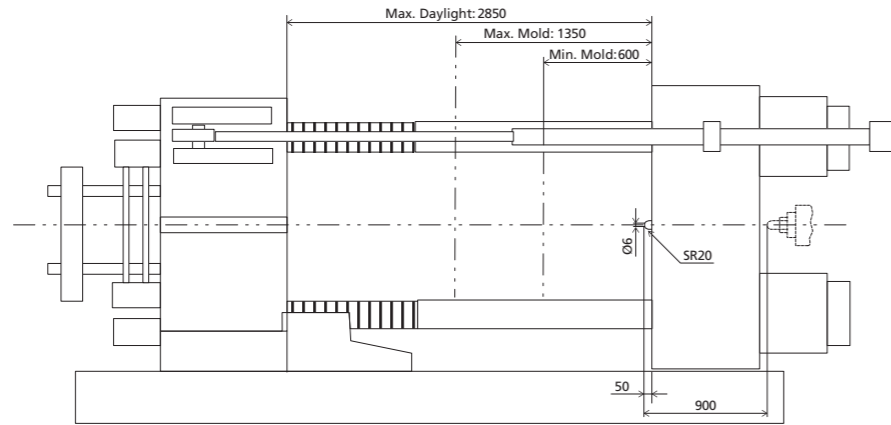
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

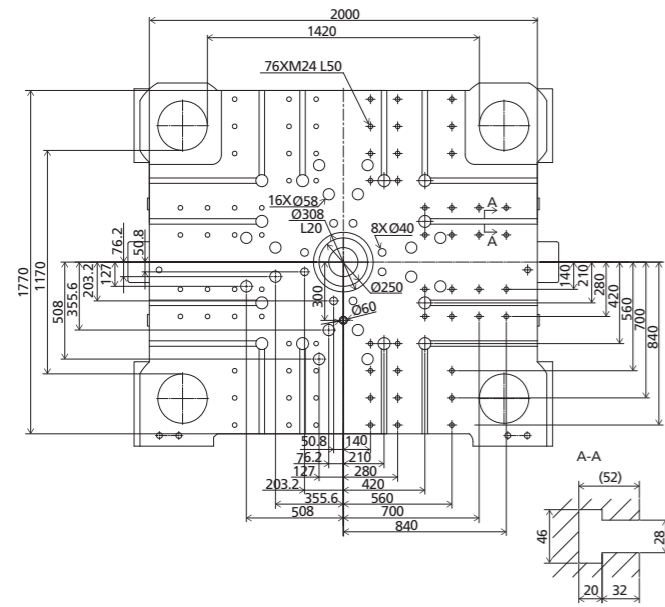
DIMENSIONS JU13000III

Clamping Unit



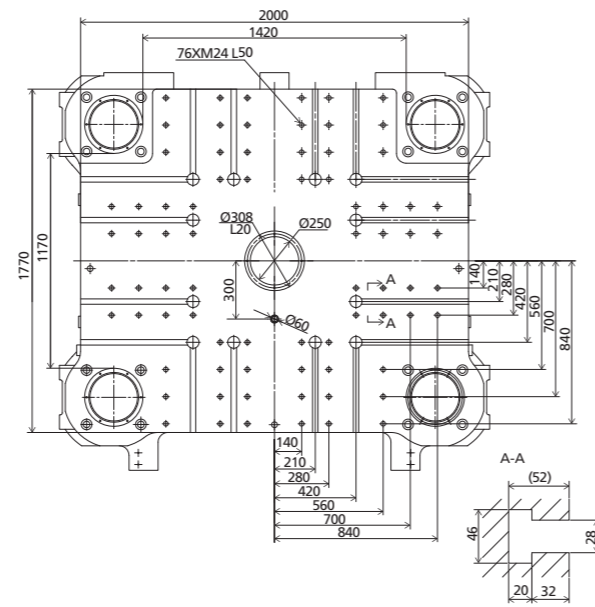
Platen dimensions

Moving platen



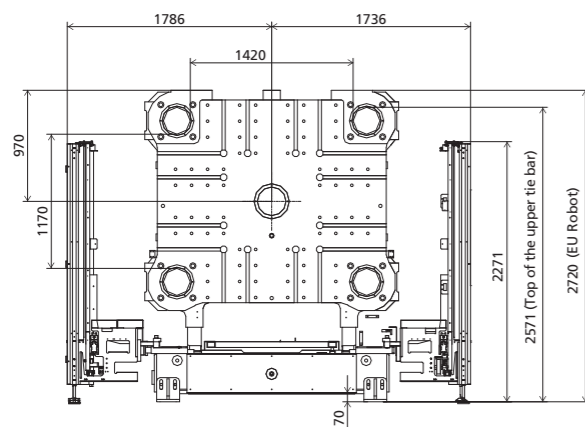
Platen dimensions

Fixed platen



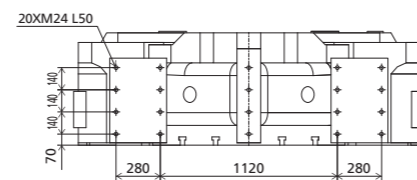
Robot

Mechanical interface

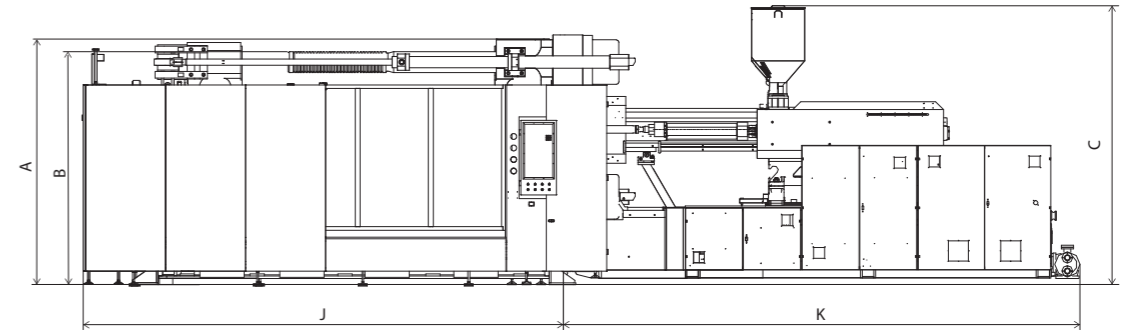


Robot

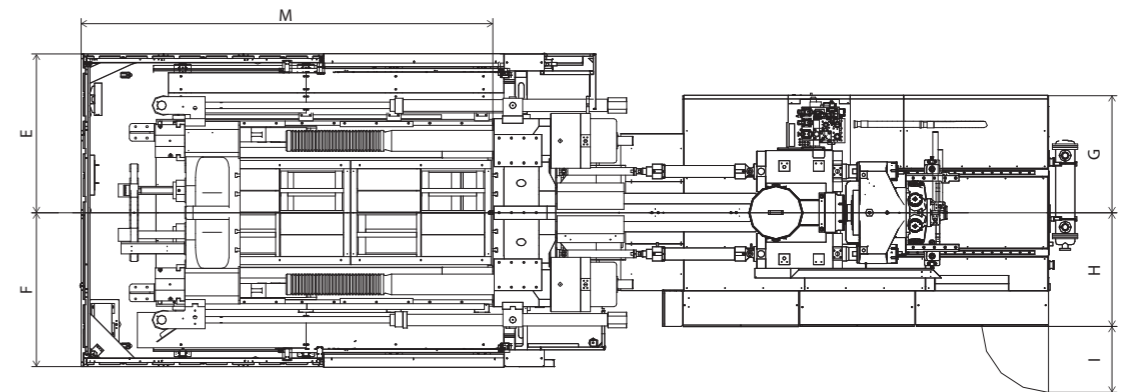
Top view fixed platen



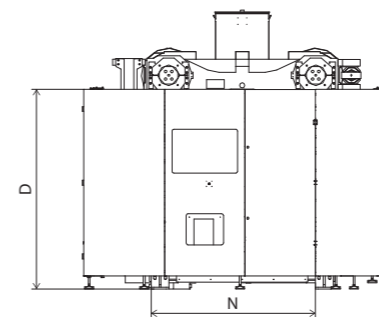
Front view



Top view



Side view



■ Standard

	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

INJECTION UNIT
DIMENSIONS (mm)

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

SPECIFICATION JU14000III

SPECIFICATIONS
INJECTION UNIT

	6730	8930	JU14000III				17300										
			11300	14000	1460×1360	1450	17300										
CLAMPING UNIT																	
Clamping force	kN			14000				kN									
Dist. between tie bars (H×V)	mm			1460×1360				mm									
Mold height max	mm			1450				mm									
Mold height min	mm			700				mm									
Ejector stroke	mm			400				mm									
Ejector force	kN			330				kN									
Max. daylight	mm			3050				mm									
Mold opening stroke ①	mm			2350/1600				mm									
Max. mold weight ②	t			27				t									
INJECTION UNIT																	
		A	B	C	D	A	B	C	D								
Screw diameter	mm	90	100	110	120	100	110	120	130	110	120	130	140	130	140	150	mm
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
Injection volume (theoretical)	cm ³	2990	3691	4467	5316	4006	4847	5768	6769	5227	6220	7300	8467	8362	9698	11133	cm ³
Injection weight (PS)	g	2721	3359	4065	4837	3645	4410	5249	6160	4756	5661	6643	7705	7610	8825	10131	g
Injection rate	g/s	774	955	1156	1376	762	922	1097	1288	924	1100	1291	1497	1236	1433	1646	g/s
Injection pressure	MPa	193	157	129	109	196	162	136	116	190	159	136	117	186	160	140	MPa
Injection pressure (max)	MPa	222	180	149	125	223	184	155	132	218	183	156	135	211	182	158	MPa
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 (HDPE) ④	g/s	147	180	214	250	147	177	201	231	187	217	210	241	252	283	336	g/s
Screw speed	rpm		150				116				105				102		rpm
OTHERS																	
Pump motor power	kW		112				112				130				167		kW
Heating power	kW		71				83				104				116		kW
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 weight	t		64				65				68				73		t
Hopper capacity	kg		50				50				50				50		kg
Oil tank	l		780				960				1250				1550		l

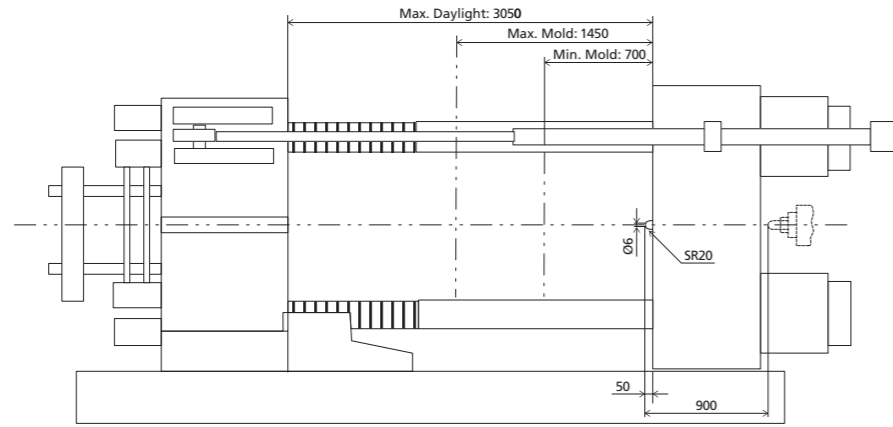
NOTE:

- 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.

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

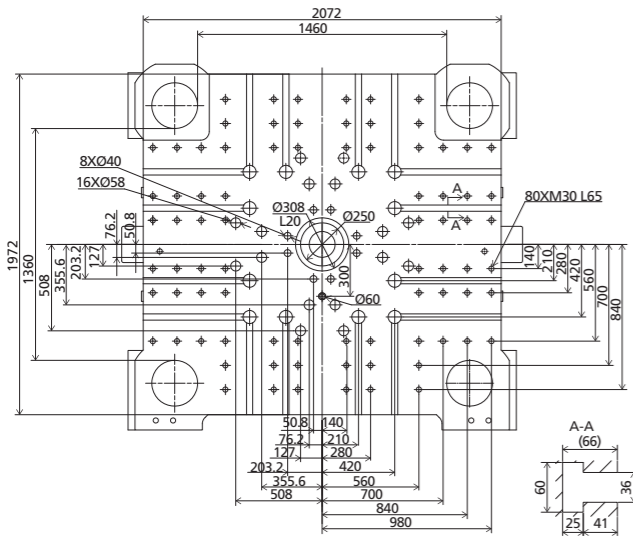
DIMENSIONS JU14000III

Clamping Unit



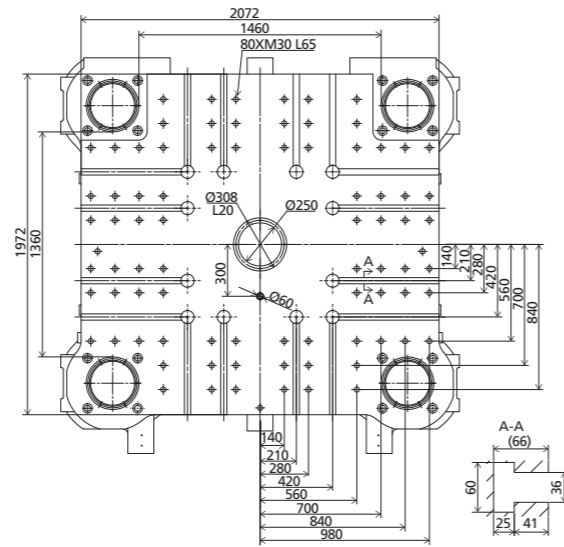
Platen dimensions

Moving platen



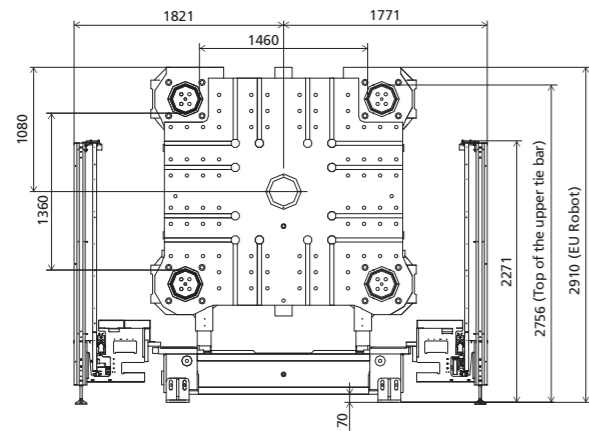
Platen dimensions

Fixed platen



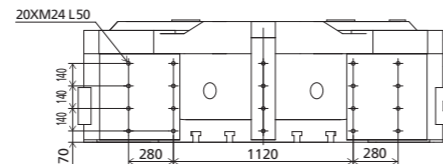
Robot

Mechanical interface

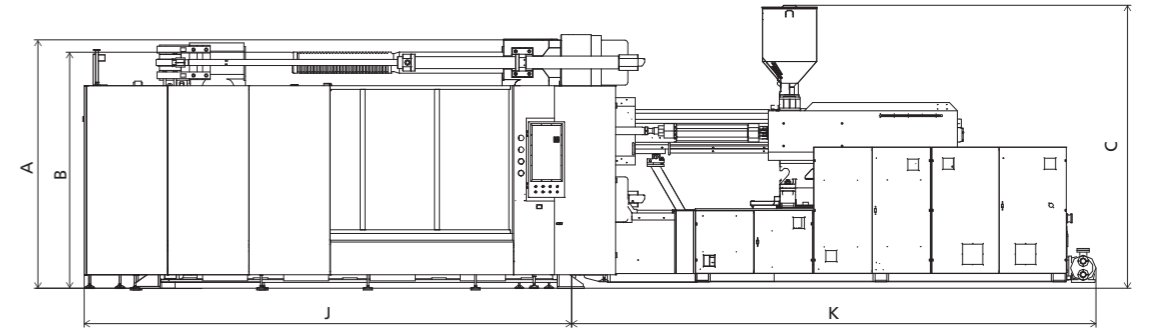


Robot

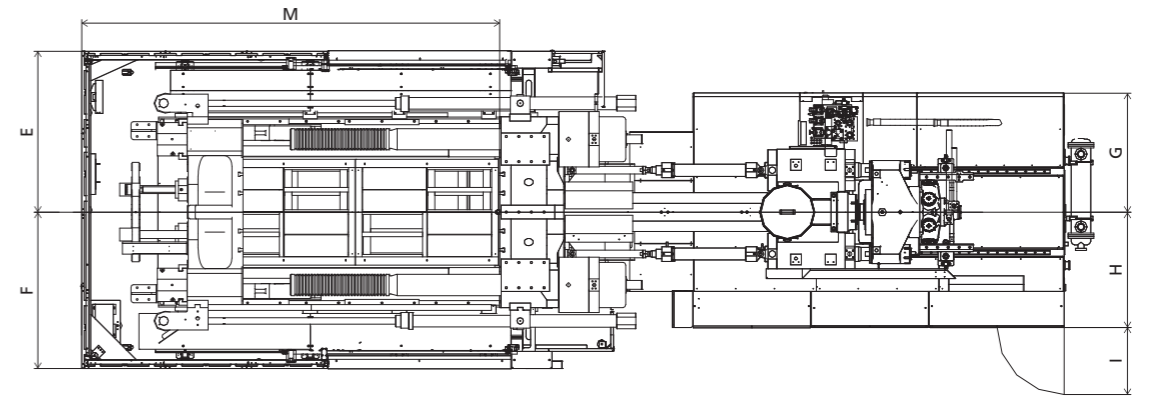
Top view fixed platen



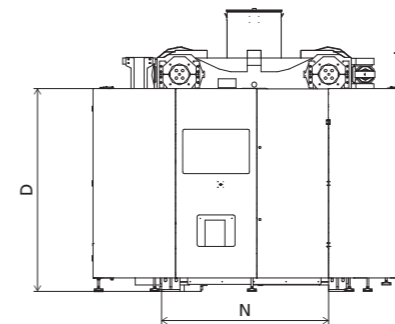
Front view



Top view



Side view



■ Standard

	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

INJECTION UNIT
DIMENSIONS (mm)

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

SPECIFICATION JU18500III

SPECIFICATIONS
INJECTION UNIT

	11300				17300				22300				32300				
CLAMPING UNIT															CLAMPING UNIT		
Clamping force	kN				18500								kN		Clamping force		
Dist. between tie bars (HxV)	mm				1870x1425								mm		Dist. between tie bars (HxV)		
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															INJECTION UNIT		
Screw diameter	mm	A	B	C	D	A	B	C	D	A	B	C	D	A	B	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)	cm ³	5227	6220	7300	8467	8362	9698	11133		10468	12017	13672	15435	17492	19747	cm ³	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	210	241	252	283	336		243	294	303	334	280	310	g/s	Plasticizing rate (HDPE) ④
Screw speed	rpm	105				102				85				72		rpm	Screw speed
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	12.27x4.15x3.33				12.69x4.15x4.47				12.75x4.15x4.47				13.74x4.15x4.47		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	l	1250				1550				1720				1720		l	Oil tank

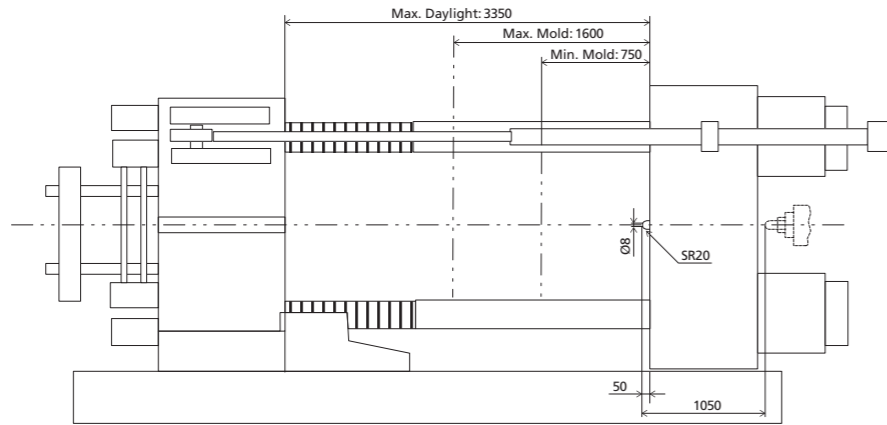
NOTE:

- 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.

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

DIMENSIONS JU18500III

Clamping Unit

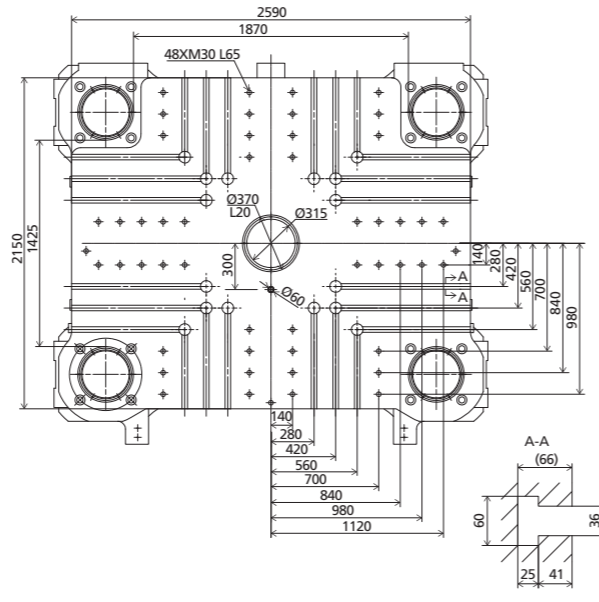
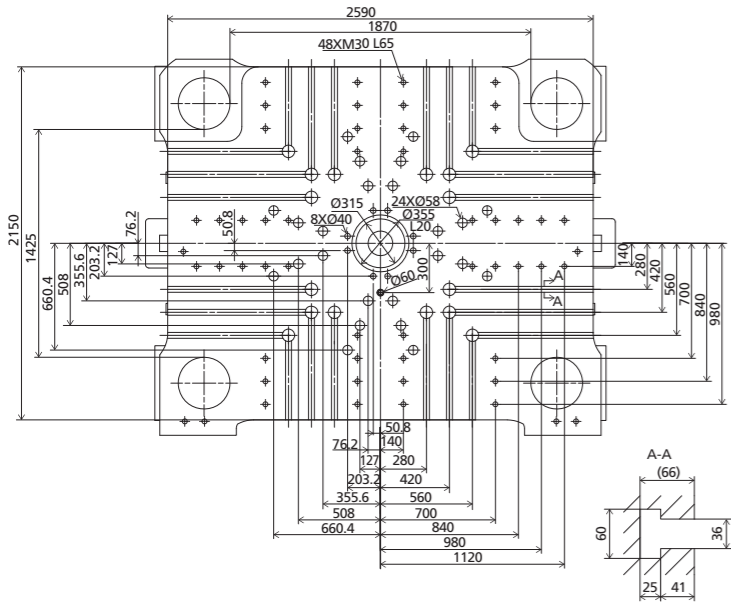


Platen dimensions

Moving platen

Platen dimensions

Fixed platen

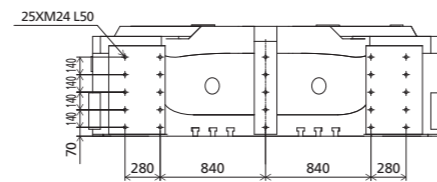
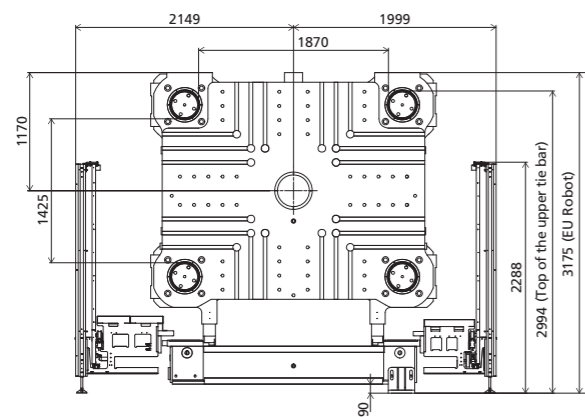


Robot

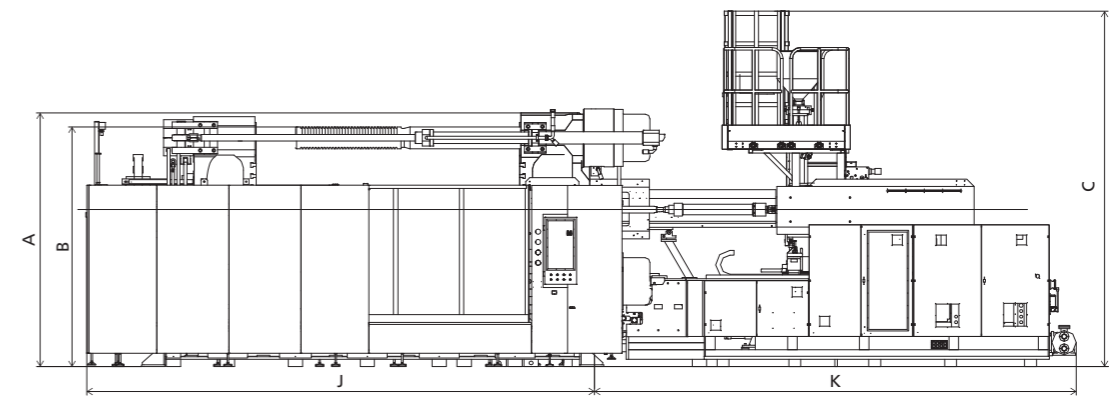
Mechanical interface

Robot

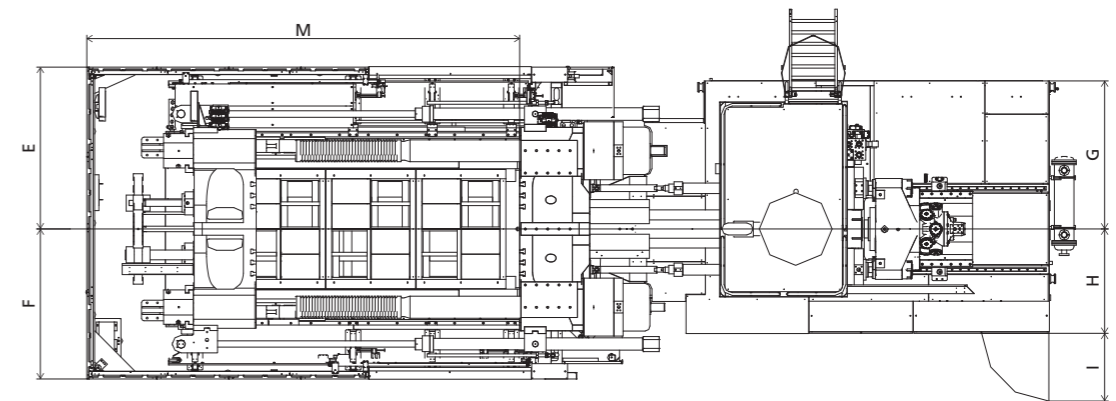
Top view fixed platen



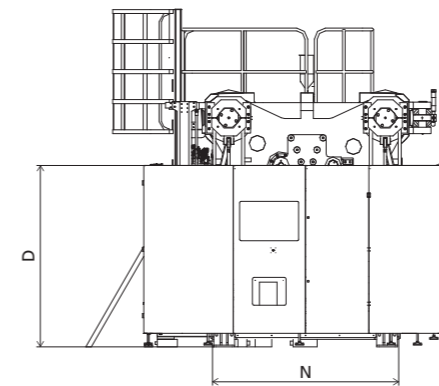
Front view



Top view



Side view



■ Standard

	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

INJECTION UNIT
DIMENSIONS (mm)

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

SPECIFICATION JU21000III

SPECIFICATIONS
INJECTION UNIT

		11300				17300			JU21000III 22300				32300		40300			
CLAMPING UNIT																CLAMPING UNIT		
Clamping force	kN															21000	kN	Clamping force
Dist. between tie bars (HxV)	mm															1800x1600	mm	Dist. between tie bars (HxV)
Mold height max	mm															1700	mm	Mold height max
Mold height min	mm															800	mm	Mold height min
Ejector stroke	mm															450	mm	Ejector stroke
Ejector force	kN															450	kN	Ejector force
Max. daylight	mm															3500	mm	Max. daylight
Mold opening stroke ①	mm															2700/1800	mm	Mold opening stroke ①
Max. mold weight ②	t															50	t	Max. mold weight ②
INJECTION UNIT		A	B	C	D	A	B	C	A	B	C	D	A	B	A	B	INJECTION UNIT	
Screw diameter	mm	110	120	130	140	130	140	150	140	150	160	170	160	170	170	185	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	23.5	21.6	L/D	Screw L /D ratio
Injection volume (theoretical)	cm ³	5227	6220	7300	8467	8362	9698	11133	10468	12017	13672	15435	17492	19747	23379	27687	cm ³	Injection volume (theoretical)
Injection weight (PS)	g	4756	5661	6643	7705	7610	8825	10131	9526	10935	12442	14046	15918	17970	21275	25195	g	Injection weight (PS)
Injection rate	g/s	1211	1441	1691	1961	1236	1433	1646	1379	1583	1801	2033	1590	1795	1530	1811	g/s	Injection rate
Injection pressure	MPa	190	159	136	117	186	160	140	185	161	142	126	161	142	159	134	MPa	Injection pressure
Injection pressure (max)	MPa	218	183	156	135	211	182	158	211	184	162	143	181	160	180	152	MPa	Injection pressure (max)
Plasticizing rate (GPPS) ③	g/s	146	169	195	223	168	192	220	155	176	196	222	--	--	--	--	g/s	Plasticizing rate (GPPS) ③
Plasticizing rate (HDPE) ④	g/s	223	259	250	287	252	283	336	243	294	303	334	280	310	309	320	g/s	Plasticizing rate (HDPE) ④
Screw speed	rpm	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	12.43x5.24x3.37				12.93x5.24x4.34			12.92x5.24x4.34				13.90x5.24x4.35		14.42x5.24x4.35		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	l	1250				1550			1720				1720		2390		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.

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

SPECIFICATION JU24000III

SPECIFICATIONS
INJECTION UNIT

	17300	22300	32300	JU24000III	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
Screw diameter	mm	A 130 B 140 C 150	A 140 B 150 C 160 D 170	A 160 B 170	A 170 B 185	mm Screw diameter
Screw L /D ratio	L/D	24 22.3 20.8	24 22.4 21 19.8	24 22.6	23.5 21.6	L/D Screw L /D ratio
Injection volume (theoretical)	cm ³	8362 9698 11133	10468 12017 13672 15435	17492 19747	23379 27687	cm ³ Injection volume (theoretical)
Injection weight (PS)	g	7610 8825 10131	9526 10935 12442 14046	15918 17970	21275 25195	g Injection weight (PS)
Injection rate	g/s	1375 1595 1831	1379 1583 1801 2033	1590 1795	1530 1811	g/s Injection rate
Injection pressure	MPa	186 160 140	185 161 142 126	161 142	159 134	MPa Injection pressure
Injection pressure (max)	MPa	211 182 158	211 184 162 143	181 160	180 152	MPa Injection pressure (max)
Plasticizing rate (GPPS) ③	g/s	188 215 246	155.0 176.0 196.0 222.0	-- --	-- --	g/s Plasticizing rate (GPPS) ③
Plasticizing rate (HDPE) ④	g/s	282 316 376	243.0 294.0 303.0 334.0	280 310	309 320	g/s Plasticizing rate (HDPE) ④
Screw speed	rpm	114	85	72	70	rpm Screw speed
OTHERS						OTHERS
Pump motor power	kW	185	185	185	205	kW Pump motor power
Heating power	kW	116	133	174	215	kW Heating power
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 dimension (L x W x H)
Machine weight	t	125	129	133	140	t Machine weight
Hopper capacity	kg	50	50	50	50	kg Hopper capacity
Oil tank	l	1550	1720	1720	2390	l Oil tank

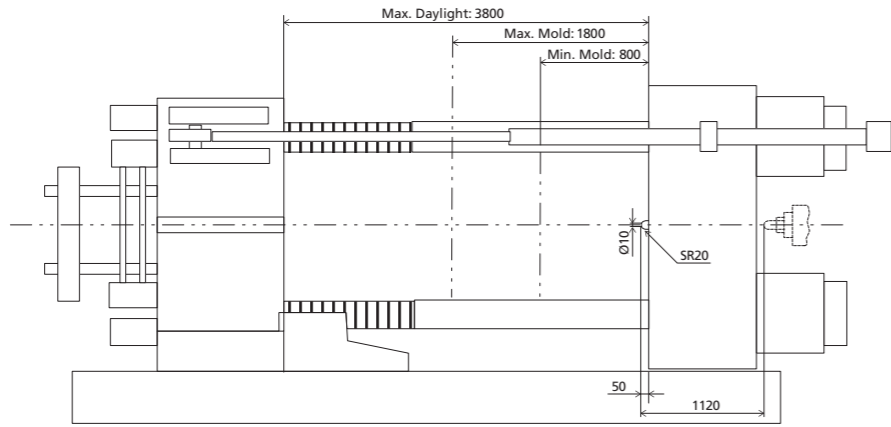
NOTE:

- 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.

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

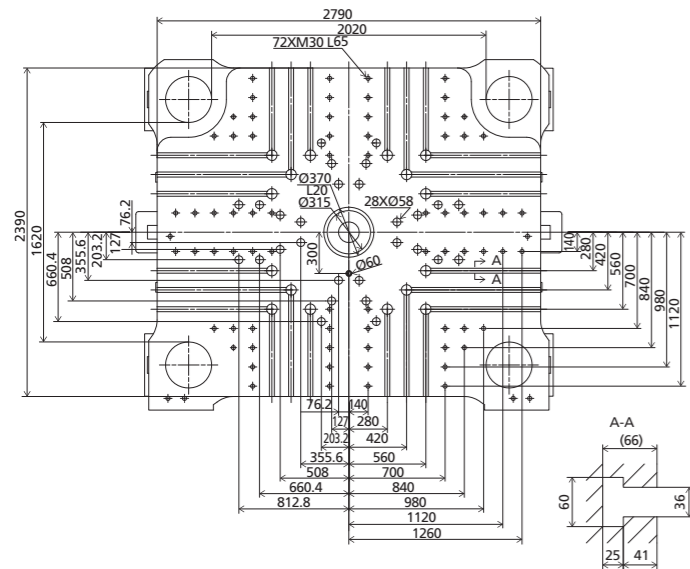
DIMENSIONS JU24000III

Clamping Unit



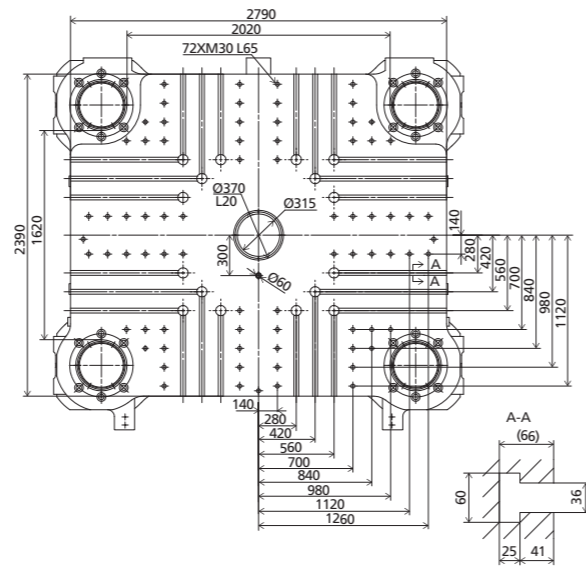
Platen dimensions

Moving platen



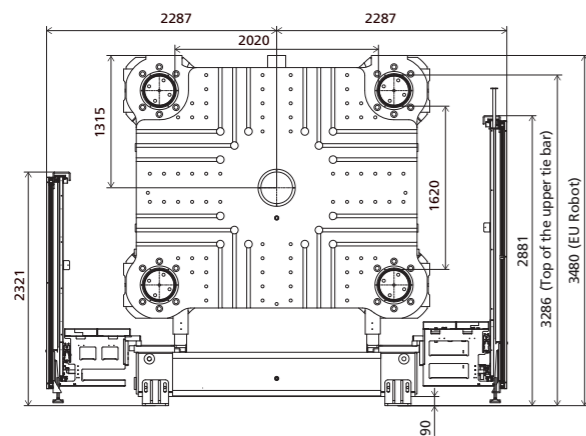
Platen dimensions

Fixed platen



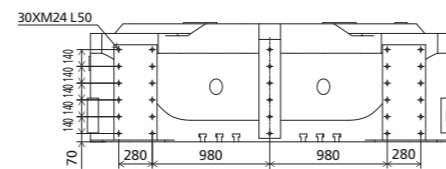
Robot

Mechanical interface

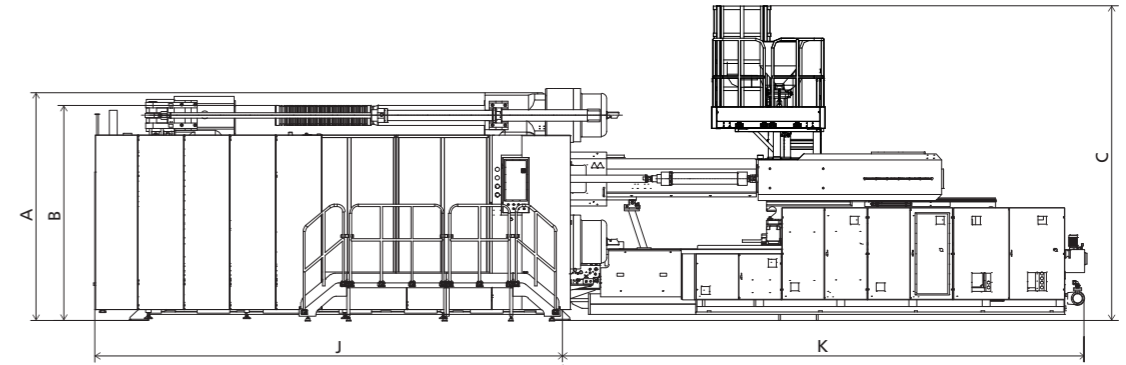


Robot

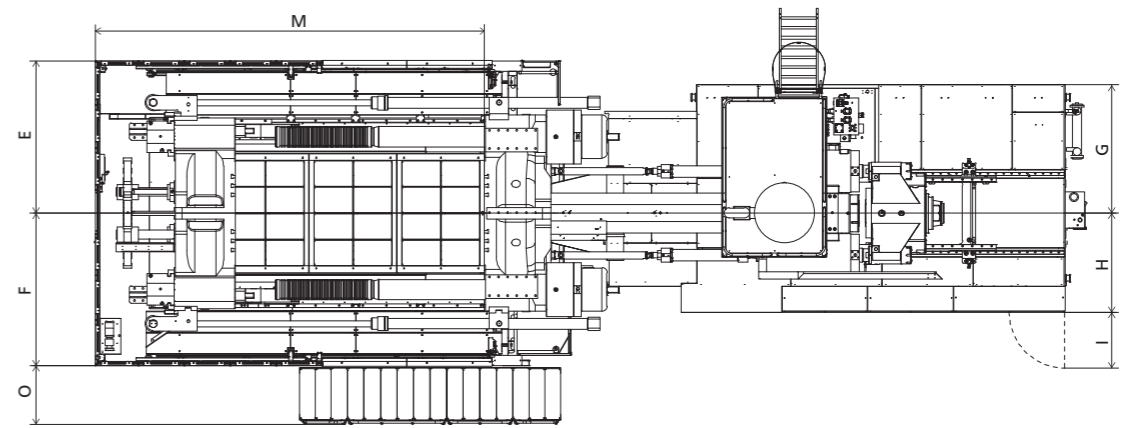
Top view fixed platen



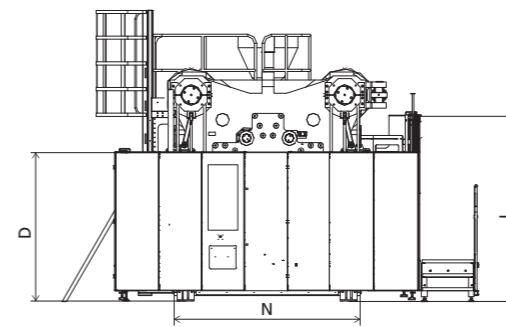
Front view



Top view



Side view



Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
17300	3480	3136	4415	2270	2287	2287	1855	1305	850	7125	6051	2830	5936	2750	864
22300	3480	3136	4415	2270	2287	2287	1925	1435	850	7125	6443	2830	5936	2750	864
32300	3480	3136	4415	2270	2287	2287	1925	1435	850	7125	7431	2830	5936	2750	864
40300	3480	3136	4415	2270	2287	2287	1965	1515	850	7125	7938	2830	5936	2750	864

INJECTION UNIT
DIMENSIONS (mm)

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

SPECIFICATION JU28000III

SPECIFICATIONS
INJECTION UNIT

	22300	32300	40300	JU28000III		50300	62300					
CLAMPING UNIT												
Clamping force	kN					28000		kN				
Dist. between tie bars (HxV)	mm					2185x1755		mm				
Mold height max	mm					2000		mm				
Mold height min	mm					800		mm				
Ejector stroke	mm					500		mm				
Ejector force	kN					450		kN				
Max. daylight	mm					4100		mm				
Mold opening stroke ①	mm					3300/2100		mm				
Max. mold weight ②	t					66		t				
INJECTION UNIT												
Screw diameter	mm	A 140	B 150	C 160	D 170	A 160	B 170	A 170	B 185	200	220	mm
Screw L /D ratio	L/D	24	22.4	21	19.8	24	22.6	23.5	21.6	20	20.5	L/D
Injection volume (theoretical)	cm ³	10468	12017	13672	15435	17492	19747	23379	27687	35186	45616	cm ³
Injection weight (PS)	g	9526	10935	12442	14046	15918	17970	21275	25195	32019	41510	g
Injection rate	g/s	1460	1676	1907	2153	1684	1901	1530	1811	2314	2492	g/s
Injection pressure	MPa	185	161	142	126	161	142	159	134	128	119	MPa
Injection pressure (max)	MPa	211	184	162	143	181	160	180	152	143	134	MPa
Plasticizing rate (GPPS) ③	g/s	171.2	194.7	216.0	245.0	--	--	--	--	--	--	g/s
Plasticizing rate (HDPE) ④	g/s	268.6	324.5	335.0	369.0	315	349	309	320	380	370	g/s
Screw speed	rpm	94				81		70		70	53	rpm
OTHERS												
Pump motor power	kW	205				205		205		255	255	kW
Heating power	kW	133				174		215		215	223	kW
Machine dimension (L x W x H)	m	14.02x5.60x4.42				15.01x5.60x4.42		15.51x5.60x4.42		15.93x5.60x4.42	16.66x5.60x4.42	m
Machine weight	t	153				157		164		169	174	t
Hopper capacity	kg	50				50		50		50	50	kg
Oil tank	l	1720				1720		2390		2880	2880	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

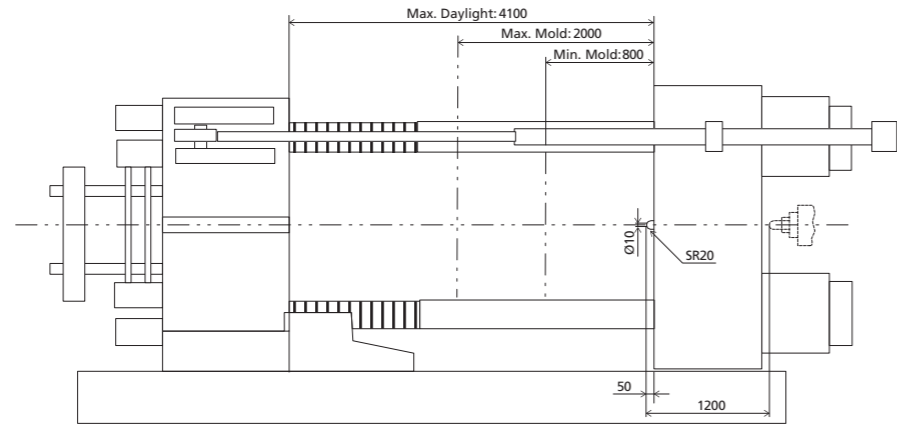
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

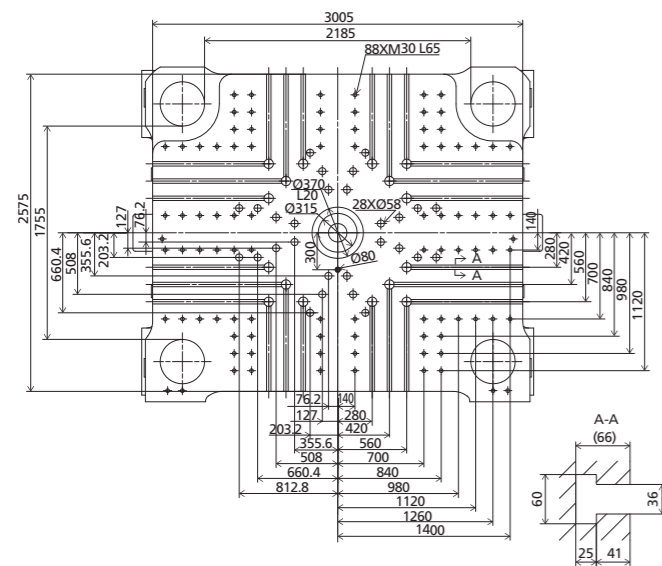
DIMENSIONS JU28000III

Clamping Unit



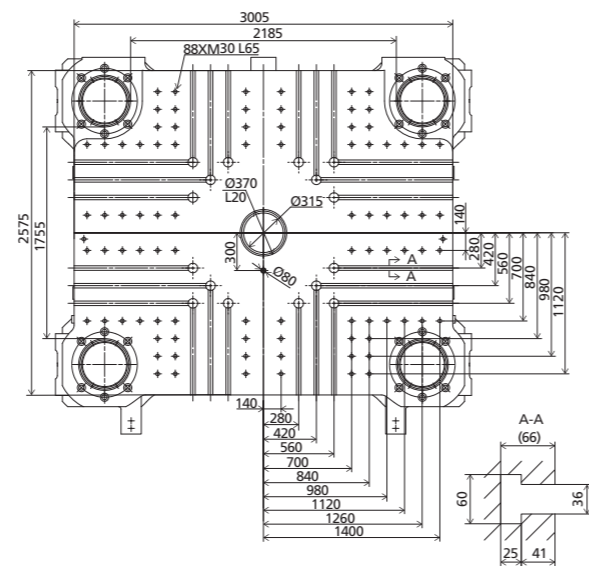
Platen dimensions

Moving platen



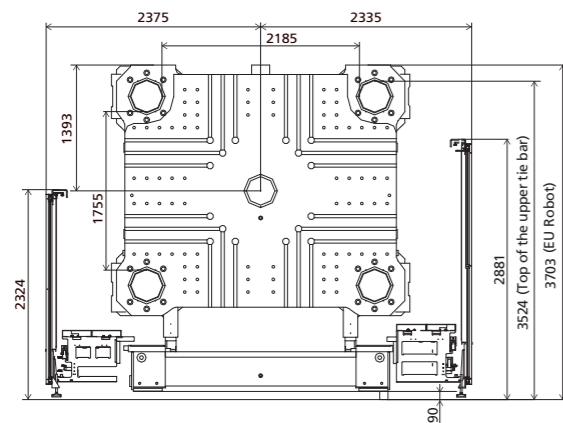
Platen dimensions

Fixed platen



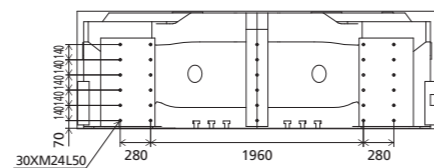
Robot

Mechanical interface

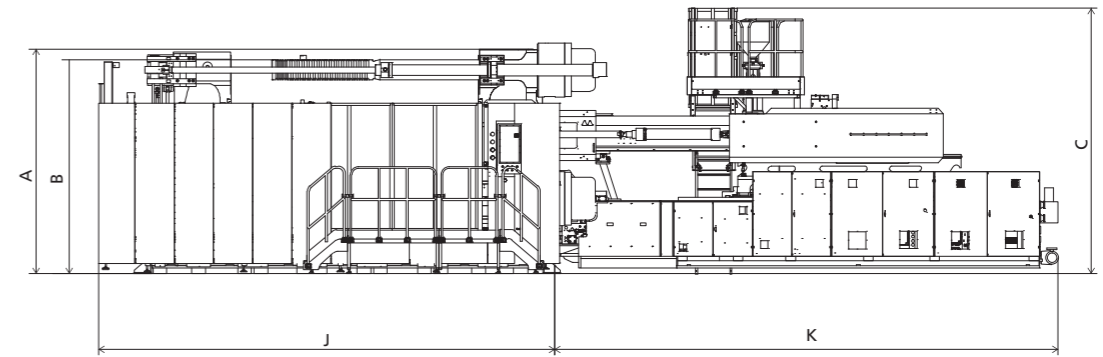


Robot

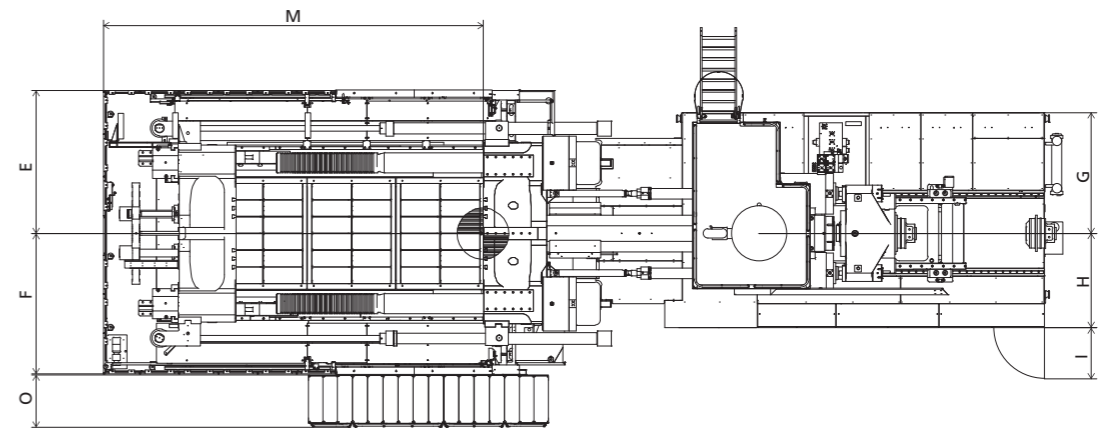
Top view fixed platen



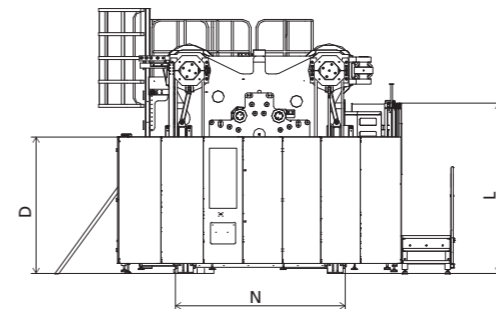
Front view



Top view



Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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

INJECTION UNIT
DIMENSIONS (mm)

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

SPECIFICATION JU33000III

SPECIFICATIONS
INJECTION UNIT

	22300	32300	40300	50300	JU33000III 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 140 B 150 C 160 D 170	A 160 B 170	A 170 B 185	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	171.2 194.7 216 245	-- --	-- --	--	--	g/s Plasticizing rate (GPPS) ③
Plasticizing rate (HDPE) ④	g/s	268.6 324.5 335 369	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	l	1720	1720	2390	2880	2880	l Oil tank

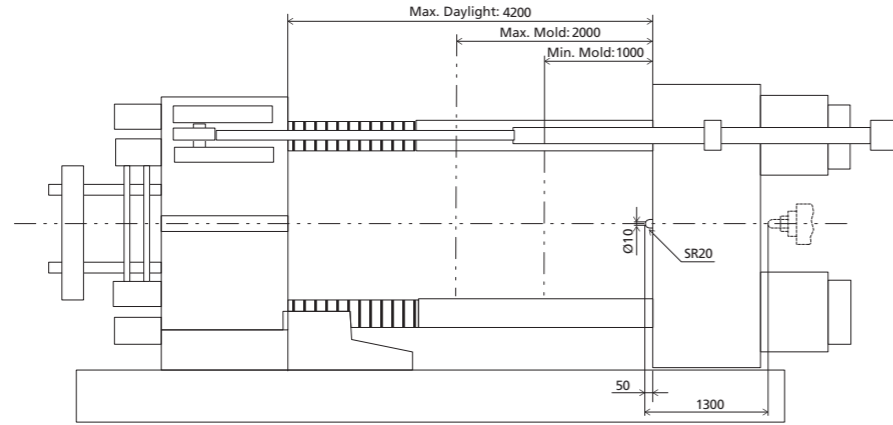
NOTE:

- 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.

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

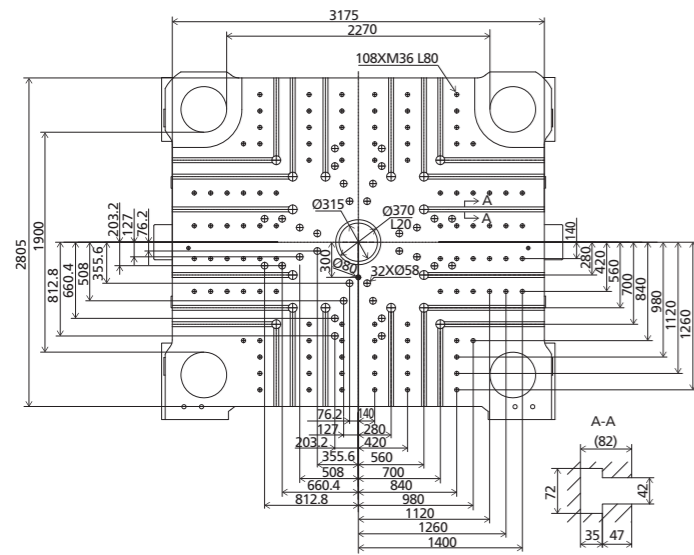
DIMENSIONS JU33000III

Clamping Unit



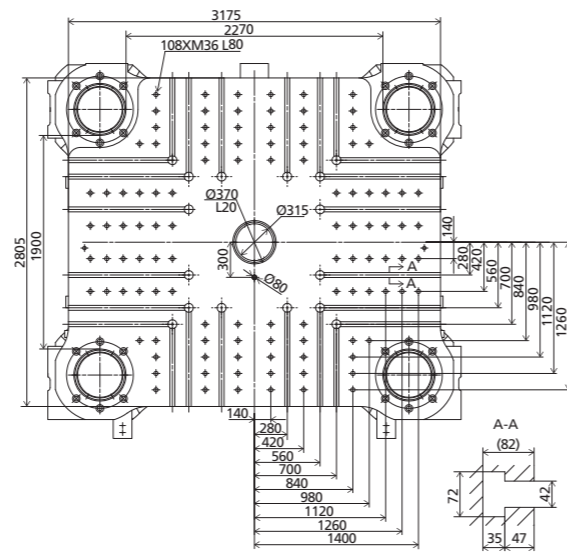
Platen dimensions

Moving platen



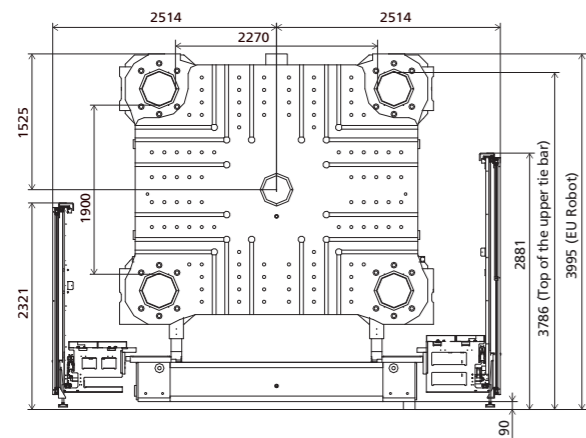
Platen dimensions

Fixed platen



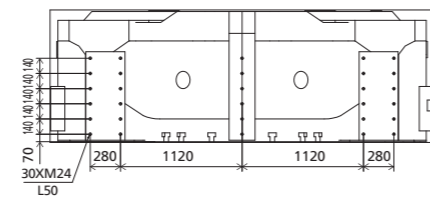
Robot

Mechanical interface

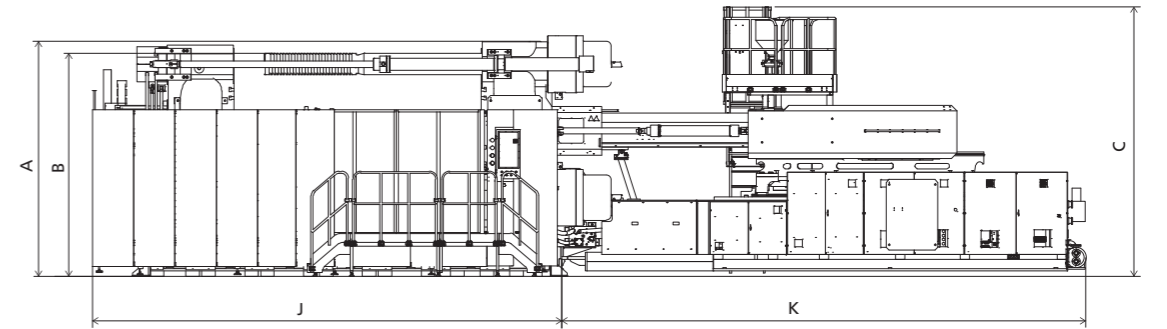


Robot

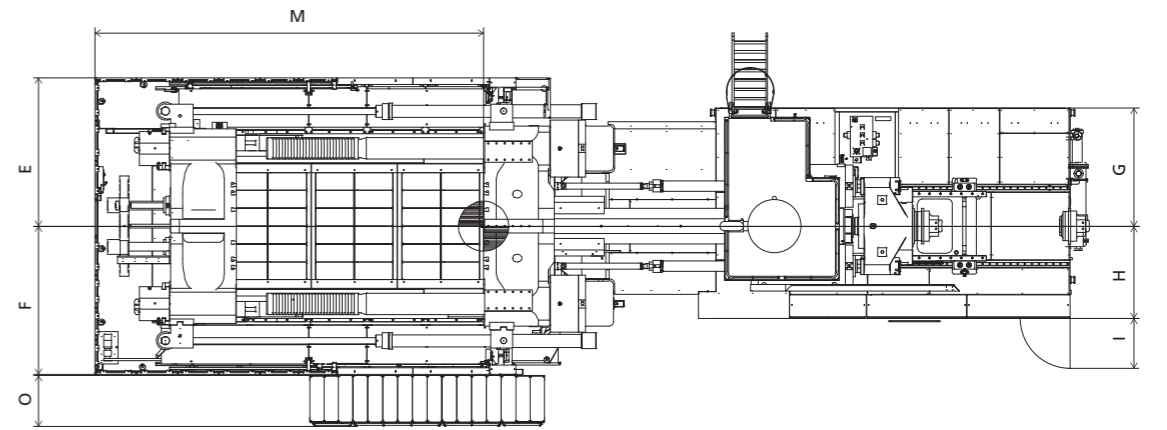
Top view fixed platen



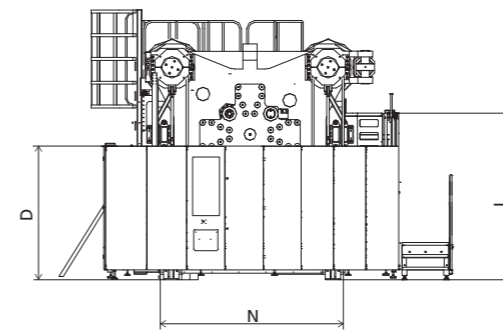
Front view



Top view



Side view



Standard

	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

INJECTION UNIT
DIMENSIONS (mm)

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 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					
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					
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	19.33×6.05×4.54	19.83×6.05×4.54	m	Machine dimension (L x W x H)
Machine weight	t	245	252	t	Machine weight
Hopper capacity	kg	50	50	kg	Hopper capacity
Oil tank	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

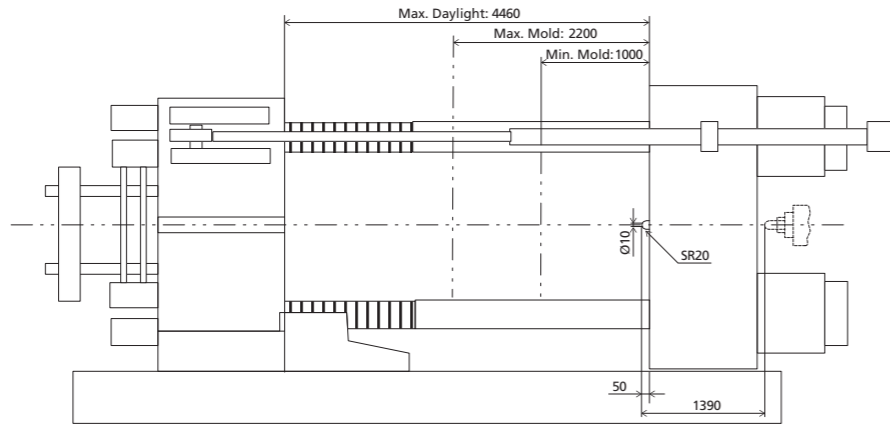
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

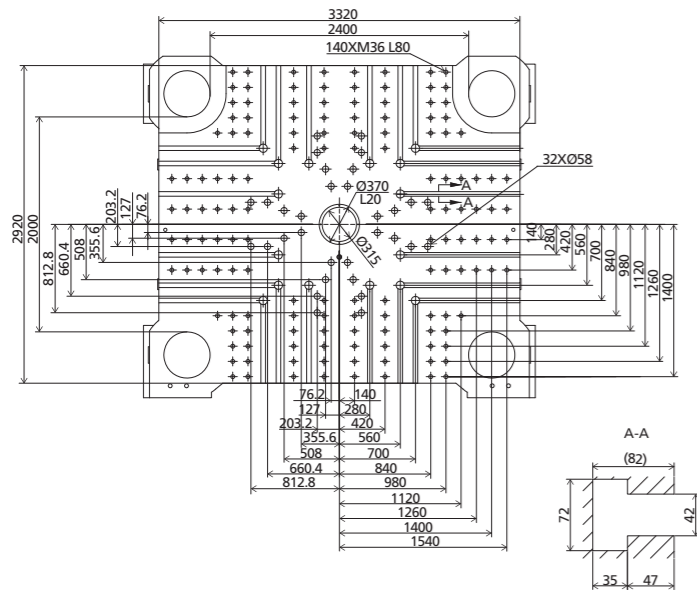
DIMENSIONS JU40000III

Clamping Unit



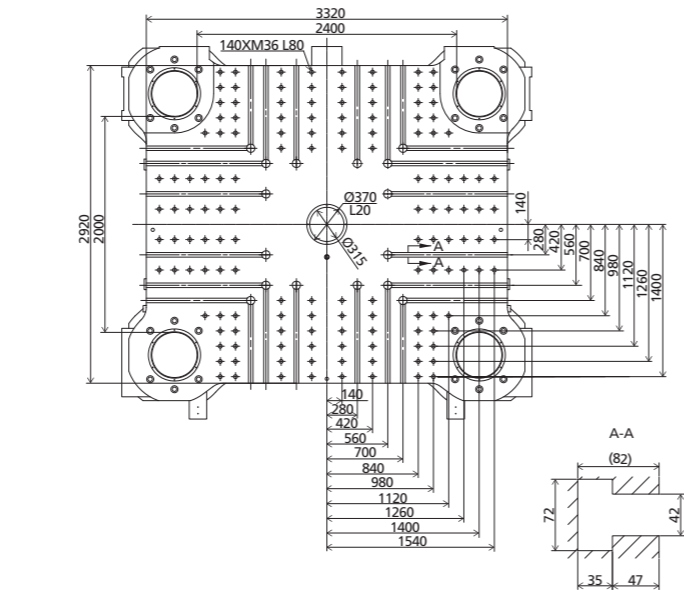
Platen dimensions

Moving platen



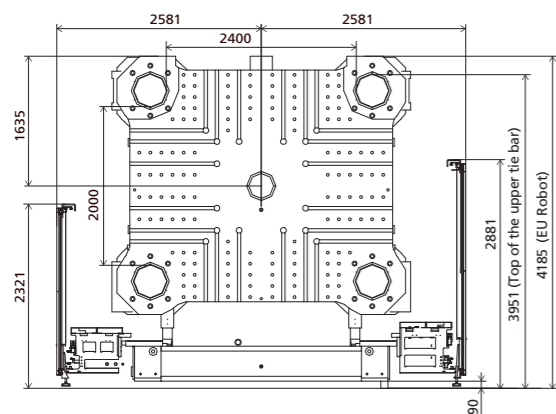
Platen dimensions

Fixed platen



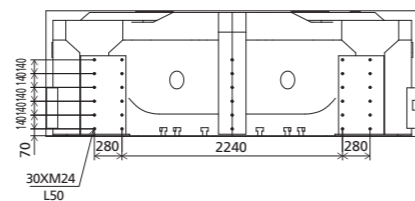
Robot

Mechanical interface

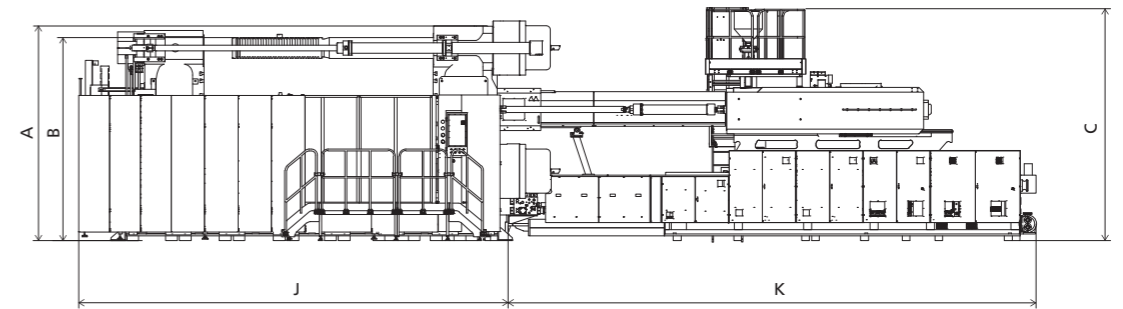


Robot

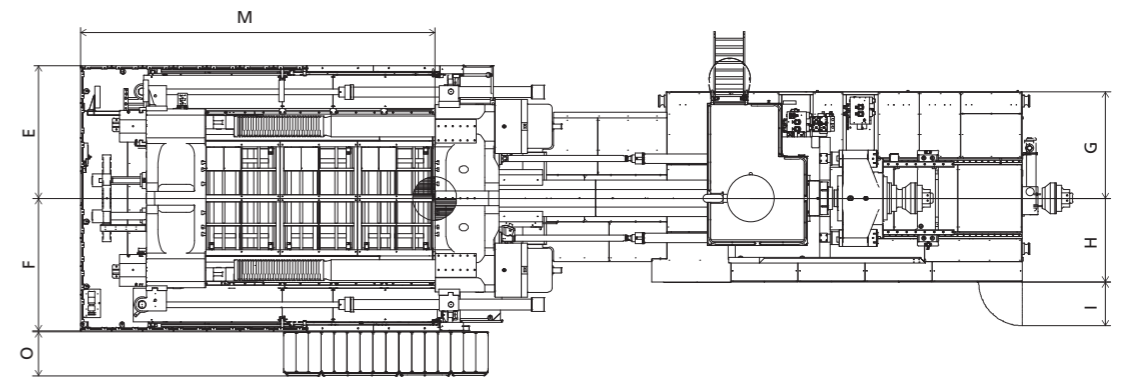
Top view fixed platen



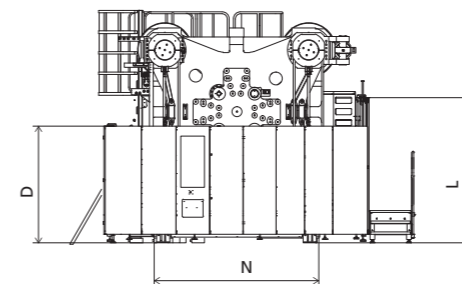
Front view



Top view



Side view



Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
93300	4185	3591	4533	2270	2581	2581	2075	1635	850	8360	10288	2830	6900	3200	864
106300	4185	3591	4533	2270	2581	2581	2075	1635	850	8360	10288	2830	6900	3200	864

INJECTION UNIT
DIMENSIONS (mm)

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 force	kN	55000		kN	Clamping force
Dist. between tie bars (HxV)	mm	2550x2550		mm	Dist. between tie bars (HxV)
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					
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					
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	480	--	t	Machine weight
Hopper capacity	kg	600	600	kg	Hopper capacity
Oil tank	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.

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

SPECIFICATION JU66000III

SPECIFICATIONS

INJECTION UNIT

		JU66000III		518000	
CLAMPING UNIT				CLAMPING UNIT	
Clamping force	kN	66000		kN	Clamping force
Dist. between tie bars (HxV)	mm	3200x2600		mm	Dist. between tie bars (HxV)
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)	cm ³	450269		cm ³	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	25x6.5x7		m	Machine dimension (L x W x H)
Machine weight	t	560		t	Machine weight
Hopper capacity	kg	600		kg	Hopper capacity
Oil tank	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.

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