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**SPECIFICATIONS**



**HAITIAN JUPITER III SERIES**

The 3rd Generation of Servo Hydraulic Two-platen Solution

12.000 - 40.000 kN

JU 2018126-IV



## Combination Possibilities

12.000 - 40.000 kN

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

Standard range  
 Combination possibilities

## SPECIFICATION JU12000III

SPECIFICATIONS  
INJECTION UNIT

		5330				6730				JU12000III 8930				11300					
<b>CLAMPING UNIT</b>																		<b>CLAMPING UNIT</b>	
Clamping force	kN																	kN	Clamping force
Space between tie bars	mm																	mm	Space between tie bars
Max. mold height	mm																	mm	Max. mold height
Min. mold height	mm																	mm	Min. mold height
Ejector stroke	mm																	mm	Ejector stroke
Ejector force	kN																	kN	Ejector force
Max. daylight	mm																	mm	Max. daylight
Min. mold dimension ①	mm																	mm	Min. mold dimension ①
Max. mold weight ②	t																	t	Max. mold weight ②
<b>INJECTION UNIT</b>		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	<b>INJECTION UNIT</b>	
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
Shot size (theoretical)	cm <sup>3</sup>	2262	2863	3534	4276	2990	3691	4467	5316	4006	4847	5768	6769	5227	6220	7300	8467	cm <sup>3</sup>	Shot size (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 capacity (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 capacity (GPPS) ③
Plasticizing capacity (HDPE) ④	g/s	119	151	186	219	132	162	193	224	147	177	201	231	187	217	210	241	g/s	Plasticizing capacity (HDPE) ④
Screw speed	rpm	165				135				116				105				rpm	Screw speed
<b>OTHERS</b>																		<b>OTHERS</b>	
Max. pump pressure	Mpa	25				25				25				25				Mpa	Max. pump pressure
Pump motor power	kW	55+30				55+30				75+37				75+55				kW	Pump motor power
Heating power	kW	54				71				83				104				kW	Heating power
Machine dimensions (l x w x h)	m	9.69x3.37x2.89				9.80x3.37x2.90				10.14x3.37x3.63				10.93x3.37x4.24				m	Machine dimensions (l x w x h)
Machine weight	t	54				57				59				63				t	Machine weight
Hopper capacity	kg	100				100				200				400				kg	Hopper capacity
Oil tank capacity	l	730				780				960				1250				l	Oil tank capacity

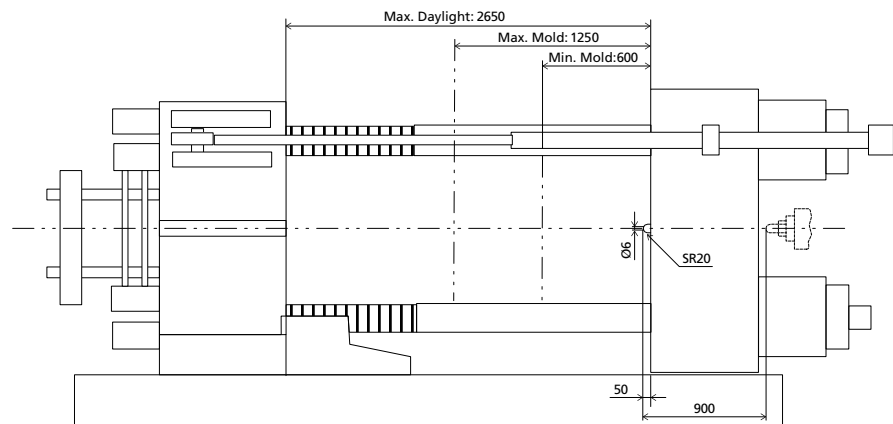
NOTE:

- ① with min. mold height / with max. mold height
- ② moving platen: 2/3 of max. mold weight
- ③ Plasticizing capacity (GPPS): note: GB standard, with application of GPPS plasticizing capacity of 3-zone screws
- ④ Plasticizing capacity (HDPE): note: 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.

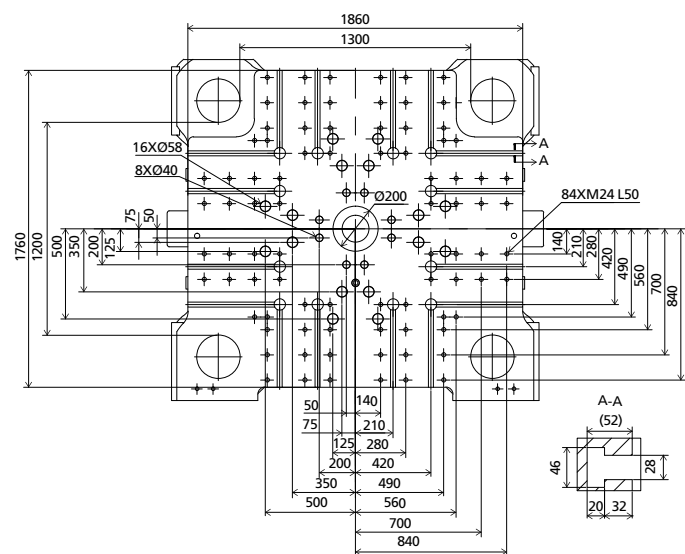
# DIMENSIONS JU12000III

## Clamping Unit



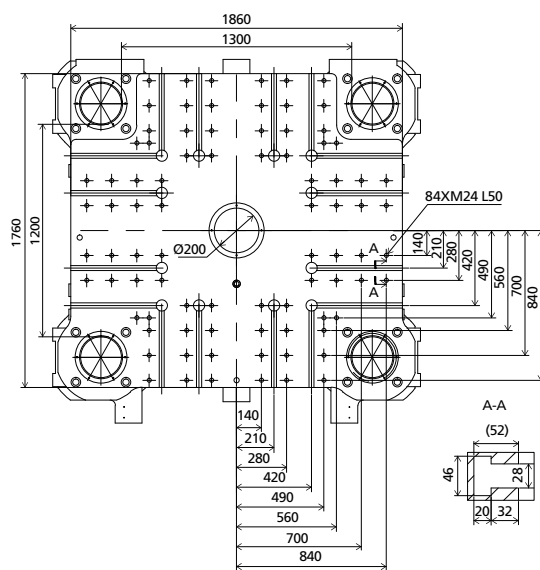
## Platen dimensions

Moving platen



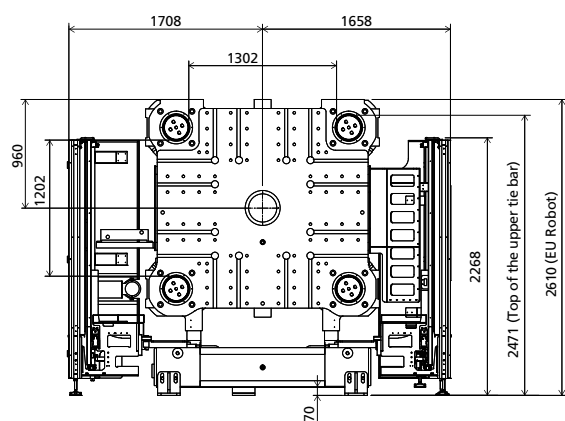
## Platen dimensions

Fixed platen



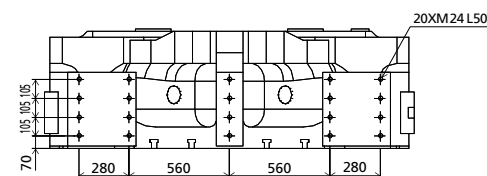
## Robot

Mechanical interface

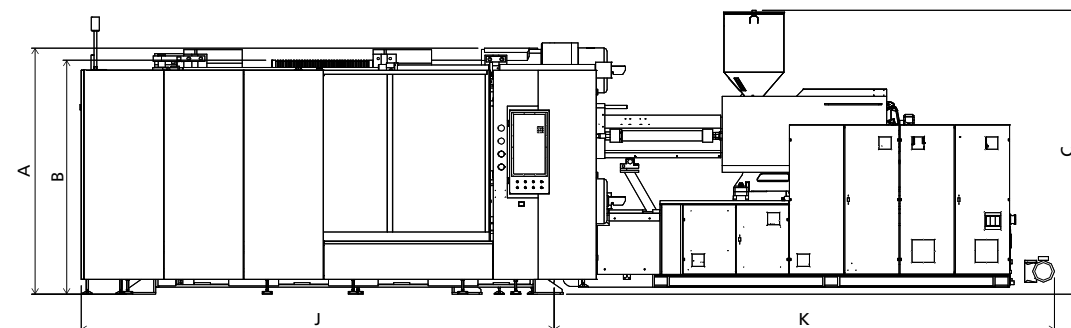


## Robot

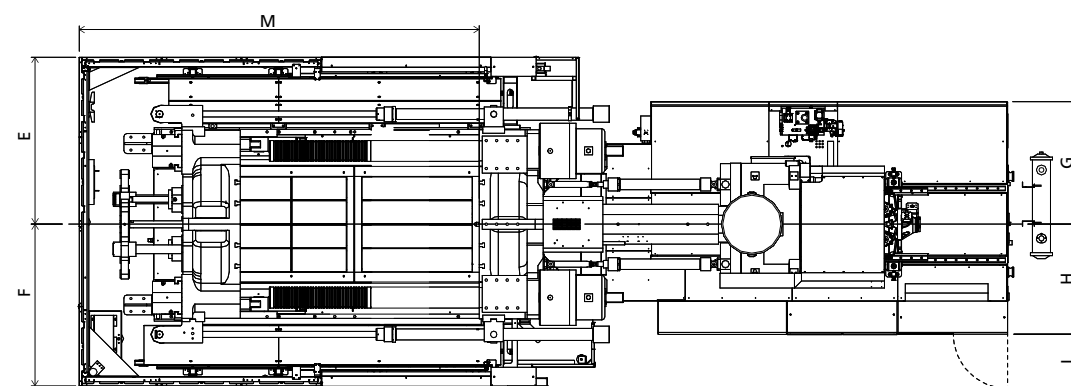
Top view fixed platen



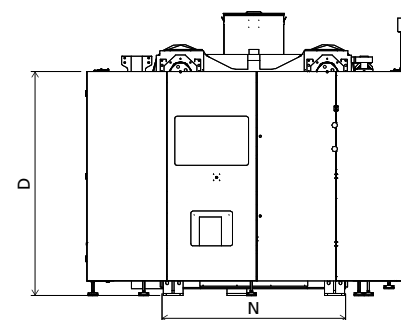
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
5330	2610	2471	2885	2250	1708	1658	1203	1027	544	5102	4586	4307	1870
6730	2610	2471	2900	2250	1708	1658	1198	1042	544	5102	4689	4307	1870
8930	2610	2471	2910	2250	1708	1658	1228	1102	544	5102	4913	4307	1870
11300	2610	2471	4240	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	13000	1420×1170	1350	17300										
<b>CLAMPING UNIT</b>																	
Clamping force	kN			13000				kN									
Space between tie bars	mm			1420×1170				mm									
Max. mold height	mm			1350				mm									
Min. mold height	mm			600				mm									
Ejector stroke	mm			350				mm									
Ejector force	kN			230				kN									
Max. daylight	mm			2850				mm									
Min. mold dimension ①	mm			2250/1500				mm									
Max. mold weight ②	t			23				t									
<b>INJECTION UNIT</b>																	
		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 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
Shot size (theoretical)	cm <sup>3</sup>	2990	3691	4467	5316	4006	4847	5768	6769	5227	6220	7300	8467	8362	9698	11133	cm <sup>3</sup>
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 capacity (GPPS) ③	g/s	99.4	122	144	169	101	121	140	161	123	142	164	187	168	192	220	g/s
Plasticizing capacity (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
<b>OTHERS</b>																	
Max. pump pressure	Mpa		25				25				25				25		Mpa
Pump motor power	kW		75+37				75+37				75+55				75+37+55		kW
Heating power	kW		71				83				104				116		kW
Machine dimensions (l x w x h)	m		10.10×3.53×3.00				10.43×3.53×3.73				11.23×3.53×4.34				11.53×3.53×4.62		m
Machine weight	t		61				63				65				73		t
Hopper capacity	kg		100				200				400				400		kg
Oil tank capacity	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): note: GB standard, with application of GPPS plasticizing capacity of 3-zone screws

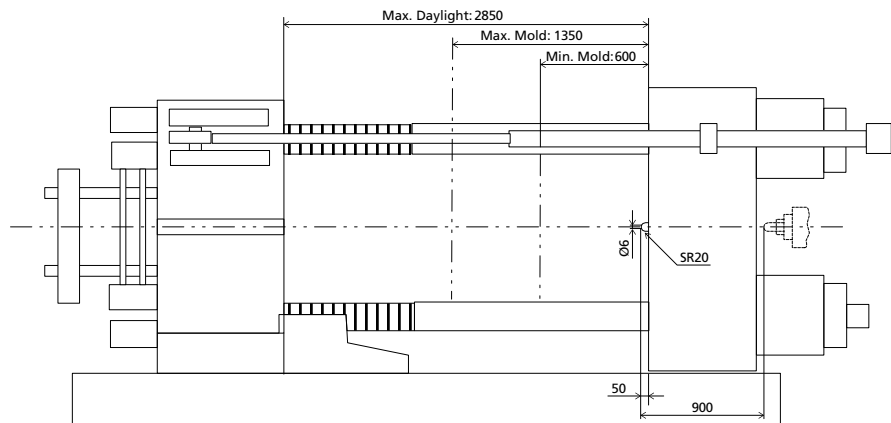
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

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

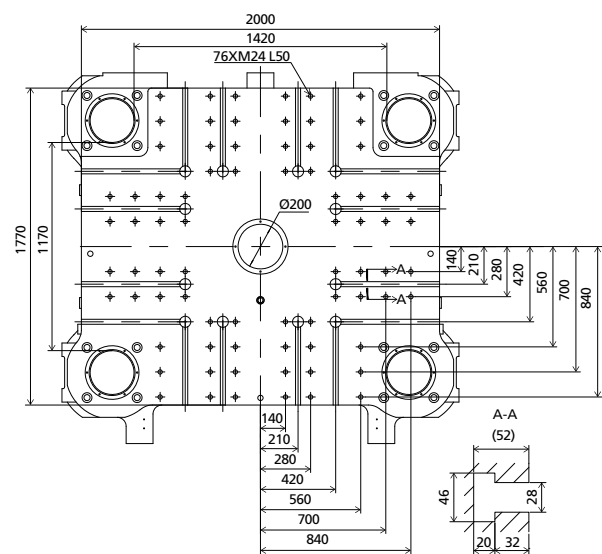
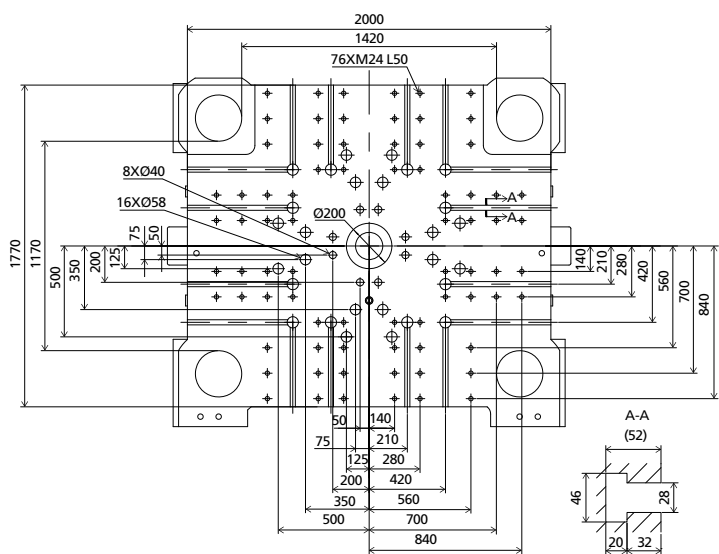


## Platen dimensions

Moving platen

## Platen dimensions

Fixed platen

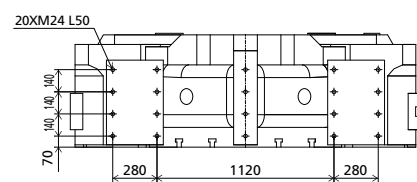
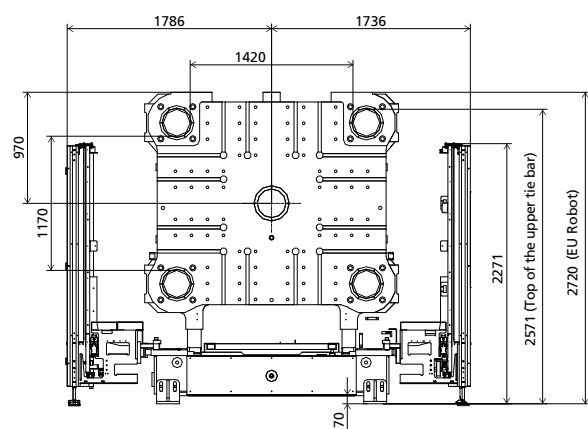


## Robot

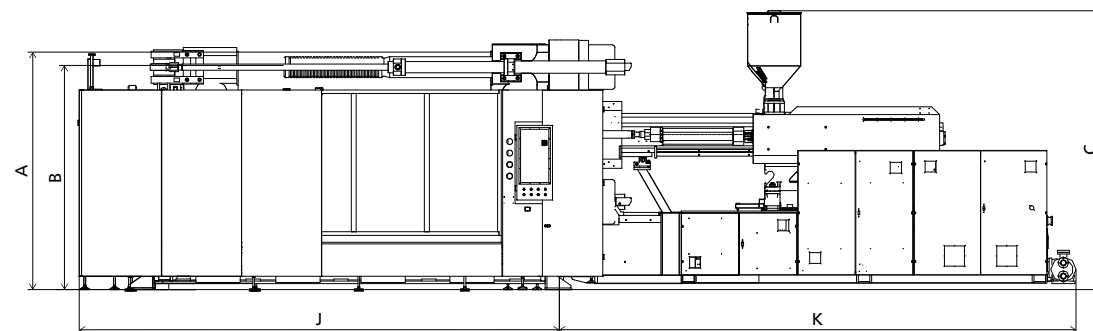
Mechanical interface

## Robot

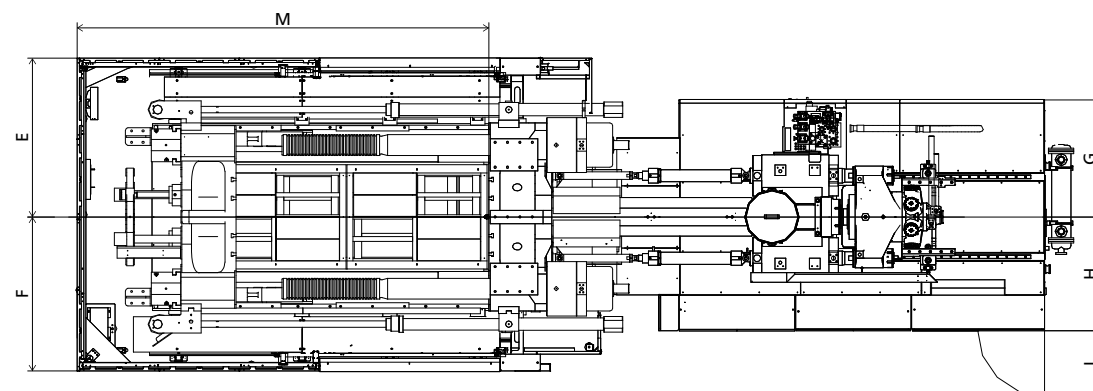
Top view fixed platen



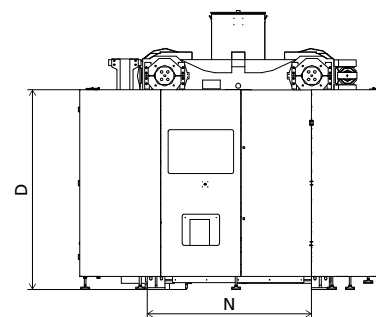
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
6730	2675	2526	3000	2250	1786	1736	1198	1112	544	5409	4689	4639	2050
8930	2675	2526	3725	2250	1786	1736	1228	1172	544	5409	5021	4639	2050
11300	2675	2526	4340	2250	1786	1736	1318	1282	745	5409	5821	4639	2050
17300	2675	2526	4620	2250	1786	1736	1855	1305	850	5409	6114	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						
<b>CLAMPING UNIT</b>									
Clamping force	kN		14000				kN		
Space between tie bars	mm		1460×1360				mm		
Max. mold height	mm		1450				mm		
Min. mold height	mm		700				mm		
Ejector stroke	mm		400				mm		
Ejector force	kN		330				kN		
Max. daylight	mm		3050				mm		
Min. mold dimension ①	mm		2350/1600				mm		
Max. mold weight ②	t		27				t		
<b>INJECTION UNIT</b>									
		A	B	C	D	A	B	C	
Screw diameter	mm	90	100	110	120	100	110	120	130
Screw L /D ratio	L/D	24.4	22	20	18.3	24.2	22	20.2	18.6
Shot size (theoretical)	cm <sup>3</sup>	2990	3691	4467	5316	4006	4847	5768	6769
Injection weight (PS)	g	2721	3359	4065	4837	3645	4410	5249	6160
Injection rate	g/s	774	955	1156	1376	762	922	1097	1288
Injection pressure	Mpa	193	157	129	109	196	162	136	116
Injection pressure(max)	Mpa	222	180	149	125	223	184	155	132
Plasticizing capacity (GPPS) ③	g/s	99.4	122	144	169	101	121	140	161
Plasticizing capacity (HDPE) ④	g/s	147	180	214	250	147	177	201	231
Screw speed	rpm		150				116		
								105	
									102
<b>OTHERS</b>									
Max. pump pressure	Mpa		25				25		
Pump motor power	kW		75+37				75+37		
Heating power	kW		71				83		
Machine dimensions (l x w x h)	m		10.61×3.60×3.08				10.93×3.60×3.81		
Machine weight	t		70				72		
Hopper capacity	kg		100				200		
Oil tank capacity	l		780				960		
									1250
									1550

NOTE:

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

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

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

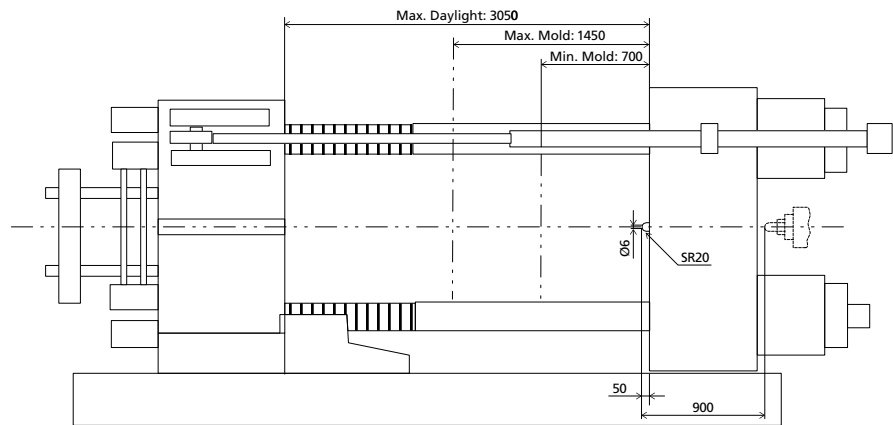
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

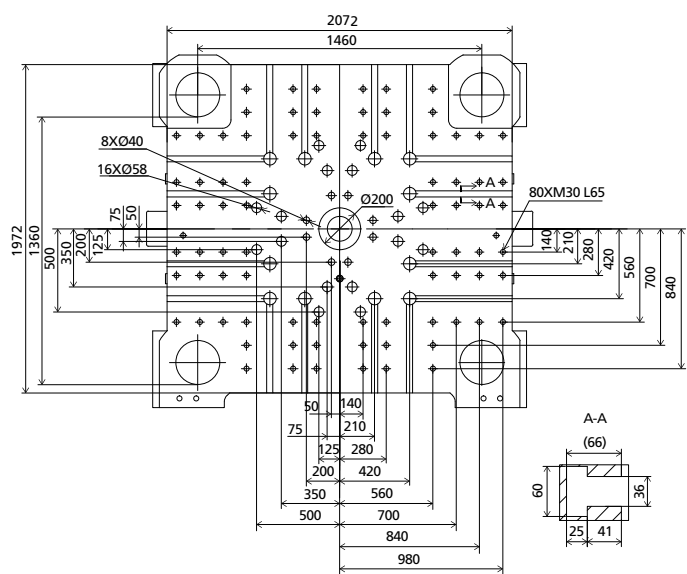
# DIMENSIONS JU14000III

## Clamping Unit



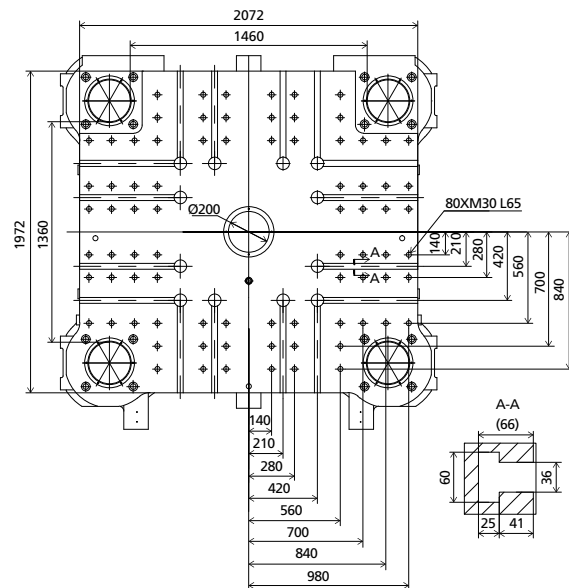
## Platen dimensions

Moving platen



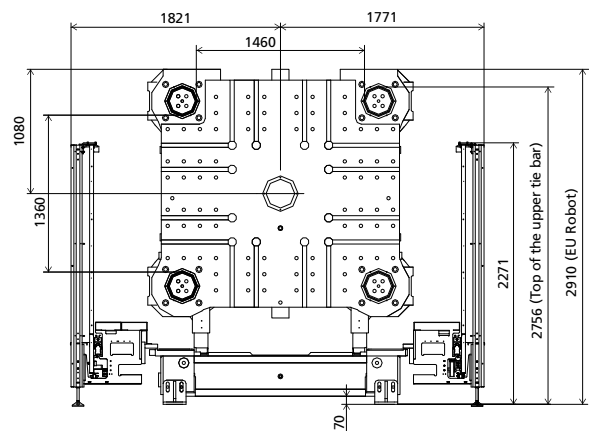
## Platen dimensions

Fixed platen



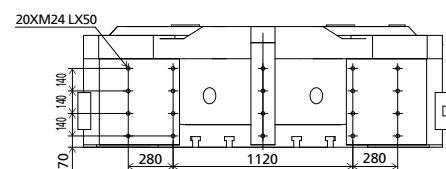
## Robot

Mechanical interface

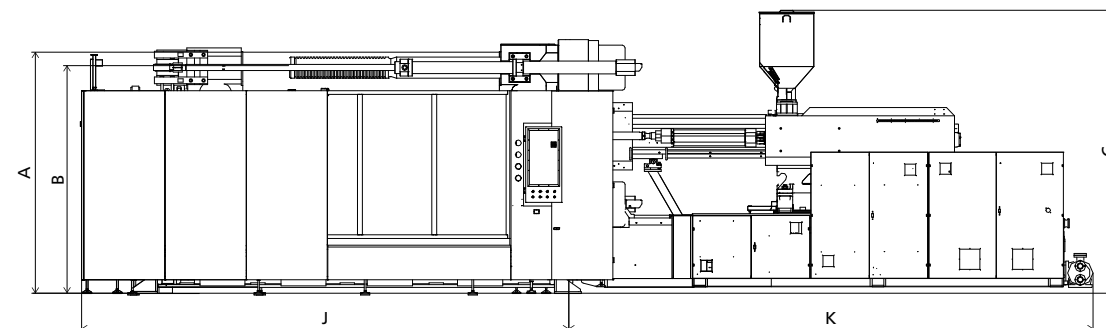


## Robot

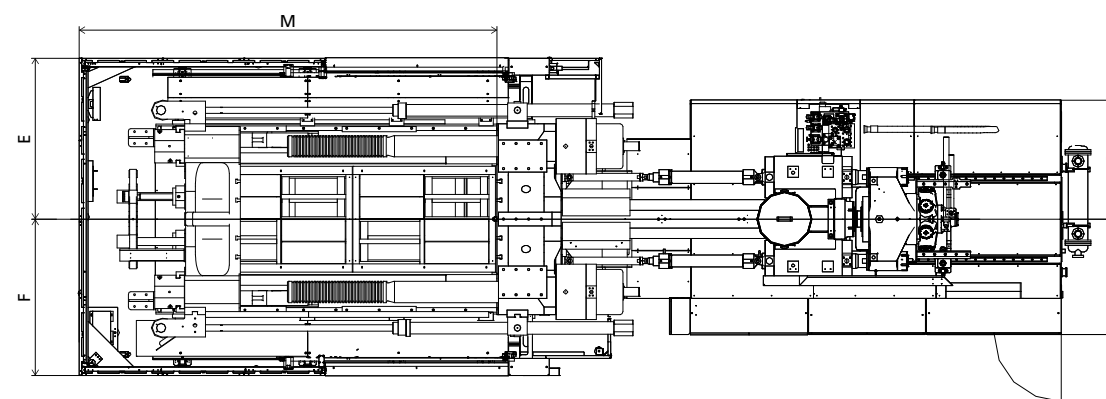
Top view fixed platen



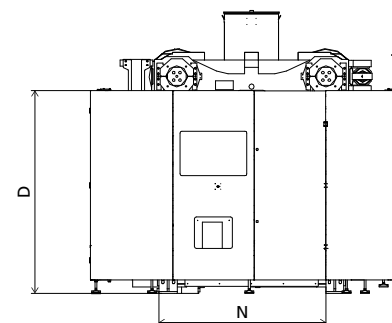
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
6730	2910	2756	3080	2253	1821	1771	1198	1112	544	5776	4689	4951	2040
8930	2910	2756	3805	2253	1821	1771	1228	1172	544	5776	5021	4951	2040
11300	2910	2756	4420	2253	1821	1771	1318	1282	745	5776	5821	4951	2040
17300	2910	2756	4700	2253	1821	1771	1855	1305	850	5776	6114	4951	2040

INJECTION UNIT  
DIMENSIONS (mm)

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



## SPECIFICATION JU16000III

SPECIFICATIONS  
INJECTION UNIT

	8930	11300	JU16000III			17300	
<b>CLAMPING UNIT</b>							
Clamping force	kN				16000	kN	Clamping force
Space between tie bars	mm				1570x1285	mm	Space between tie bars
Max. mold height	mm				1550	mm	Max. mold height
Min. mold height	mm				700	mm	Min. mold height
Ejector stroke	mm				400	mm	Ejector stroke
Ejector force	kN				330	kN	Ejector force
Max. daylight	mm				3250	mm	Max. daylight
Min. mold dimension ①	mm				2550/1700	mm	Min. mold dimension ①
Max. mold weight ②	t				33	t	Max. mold weight ②
<b>INJECTION UNIT</b>							
Screw diameter	mm	A 100 B 110 C 120 D 130	A 110 B 120 C 130 D 140	A 130 B 140 C 150		mm	Screw diameter
Screw L /D ratio	L/D	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
Shot size (theoretical)	cm <sup>3</sup>	4006 4847 5768 6769	5227 6220 7300 8467	8362 9698 11133		cm <sup>3</sup>	Shot size (theoretical)
Injection weight (PS)	g	3645 4410 5249 6160	4756 5661 6643 7705	7610 8825 10131		g	Injection weight (PS)
Injection rate	g/s	894 1081 1287 1511	924 1100 1291 1497	1236 1433 1646		g/s	Injection rate
Injection pressure	Mpa	196 162 136 116	190 159 136 117	186 160 140		Mpa	Injection pressure
Injection pressure(max)	Mpa	223 184 155 132	218 183 156 135	211 182 158		Mpa	Injection pressure(max)
Plasticizing capacity (GPPS) ③	g/s	110 133 154 177	123 142 164 187	168 192 220		g/s	Plasticizing capacity (GPPS) ③
Plasticizing capacity (HDPE) ④	g/s	161 193 220 253	187 217 210 241	252 283 336		g/s	Plasticizing capacity (HDPE) ④
Screw speed	rpm	127	105	102		rpm	Screw speed
<b>OTHERS</b>							
Max. pump pressure	Mpa	25	25	25		Mpa	Max. pump pressure
Pump motor power	kW	75+55	75+55	75+37+55		kW	Pump motor power
Heating power	kW	83	104	116		kW	Heating power
Machine dimensions (l x w x h)	m	11.13x3.77x3.78	11.80x3.77x4.40	12.38x3.77x4.68		m	Machine dimensions (l x w x h)
Machine weight	t	77	81	88		t	Machine weight
Hopper capacity	kg	200	400	400		kg	Hopper capacity
Oil tank capacity	l	960	1250	1550		l	Oil tank capacity

NOTE:

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

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

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

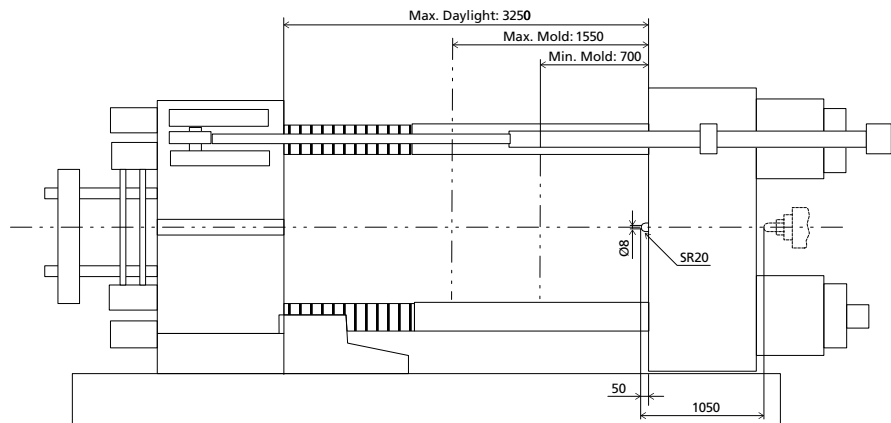
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

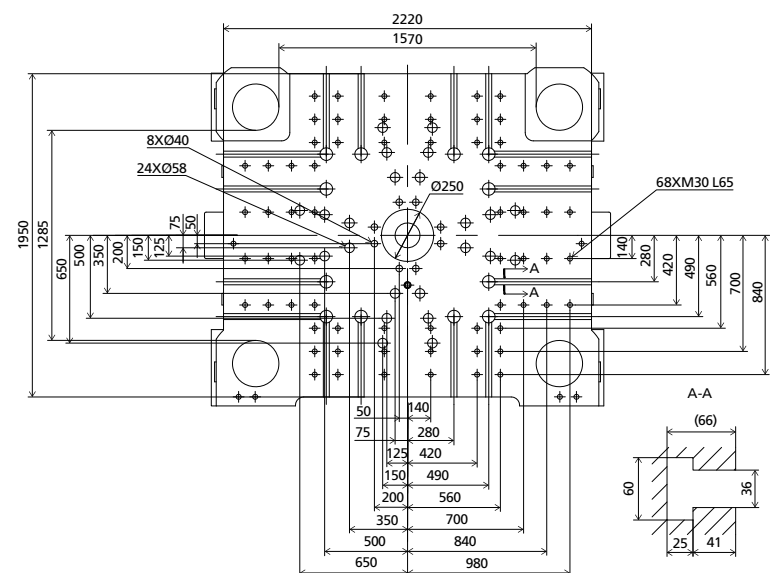
# DIMENSIONS JU16000III

## Clamping Unit



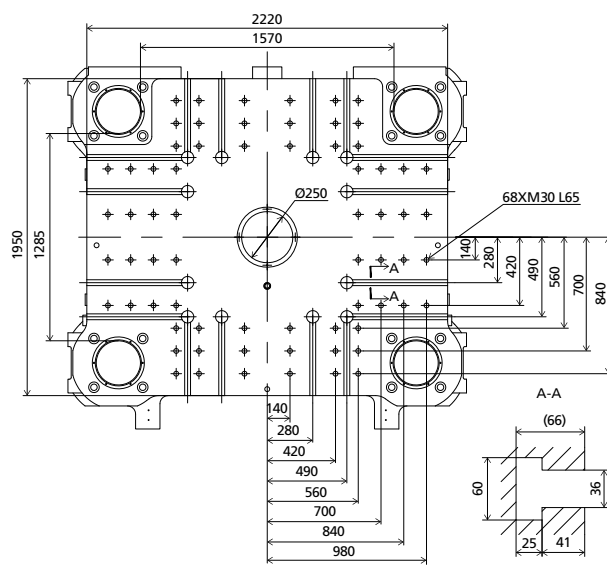
## Platen dimensions

Moving platen



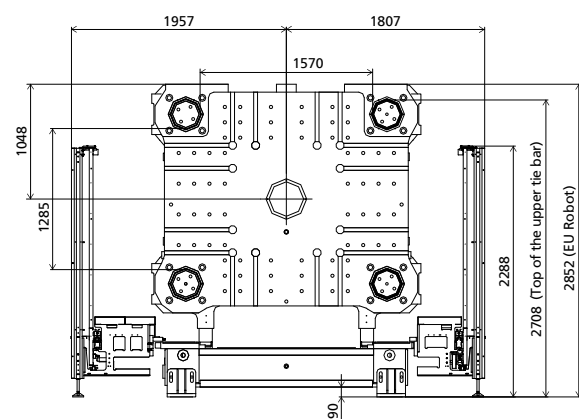
## Platen dimensions

Fixed platen



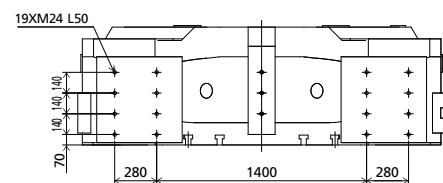
## Robot

Mechanical interface

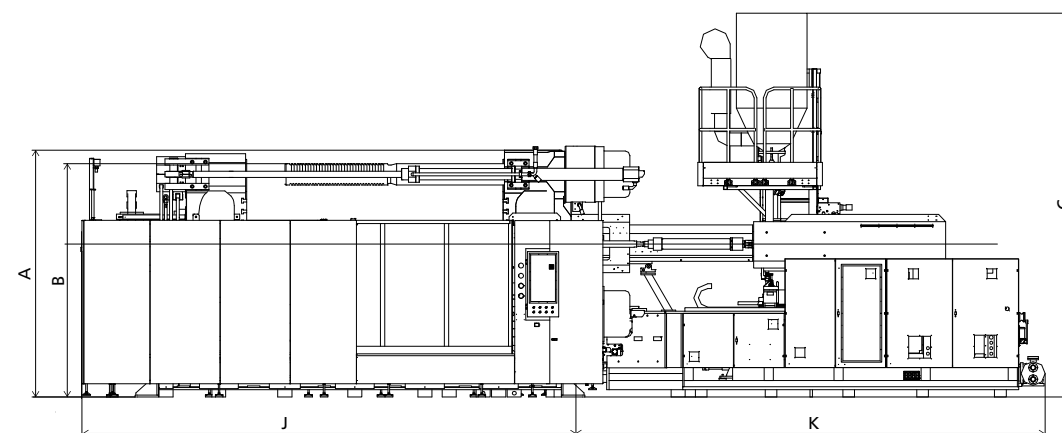


## Robot

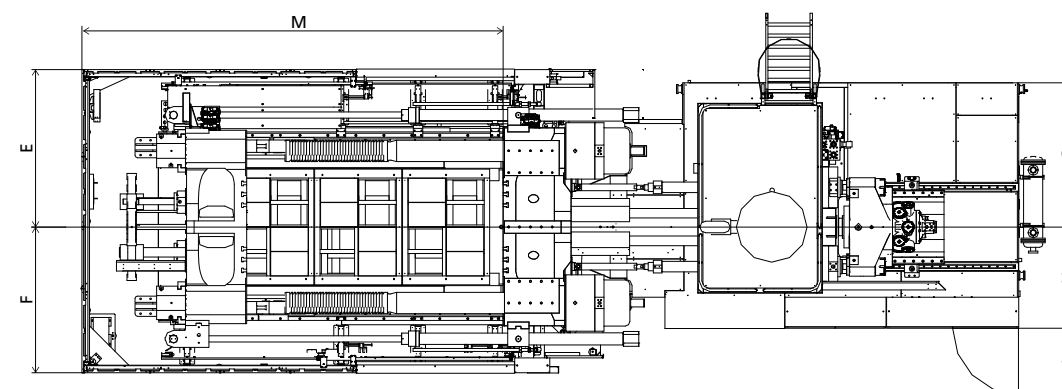
Top view fixed platen



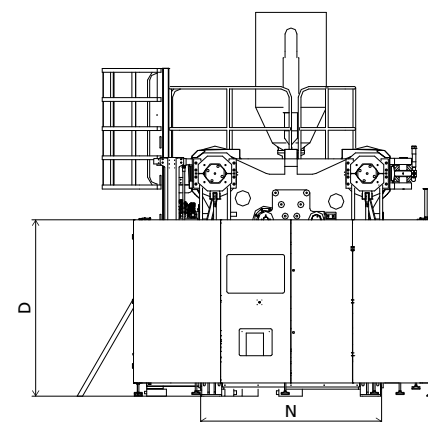
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
8930	2852	2708	3780	2270	1957	1807	1228	1102	675	5976	5021	5121	2170
11300	2852	2708	4395	2270	1957	1807	1318	1282	745	5976	5821	5121	2170
17300	2852	2708	4675	2270	1957	1807	1855	1305	850	5976	6051	5121	2170

INJECTION UNIT  
DIMENSIONS (mm)

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

## SPECIFICATION JU18500III

SPECIFICATIONS  
INJECTION UNIT

	11300	JU18500III				17300	22300	32300		
<b>CLAMPING UNIT</b>										
Clamping force	kN				18500				kN	
Space between tie bars	mm				1870×1425				mm	
Max. mold height	mm				1600				mm	
Min. mold height	mm				750				mm	
Ejector stroke	mm				450				mm	
Ejector force	kN				450				kN	
Max. daylight	mm				3350				mm	
Min. mold dimension ①	mm				2600/1750				mm	
Max. mold weight ②	t				40				t	
<b>INJECTION UNIT</b>										
Screw diameter	mm	A	B	C	D	A	B	C	A	B
Screw L /D ratio	L/D	110	120	130	140	130	140	150	140	150
Shot size (theoretical)	cm <sup>3</sup>	26.2	24	22.2	20.6	24	22.3	20.8	24	22.4
Injection weight (PS)	g	5227	6220	7300	8467	8362	9698	11133	10468	12017
Injection rate	g/s	4756	5661	6643	7705	7610	8825	10131	9526	10935
Injection pressure	Mpa	924	1100	1291	1497	1236	1433	1646	1379	1583
Injection pressure (max)	Mpa	190	159	136	117	186	160	140	185	161
Plasticizing capacity (GPPS) ③	g/s	218	183	156	135	211	182	158	211	184
Plasticizing capacity (HDPE) ④	g/s	123	142	164	187	168	192	220	155	176
Screw speed	rpm	187	217	210	241	252	283	336	243	294
			105				102			85
										72
<b>OTHERS</b>										
Max. pump pressure	Mpa			25				25		
Pump motor power	kW			75+55				75+55+55		
Heating power	kW			104				133		
Machine dimensions (l x w x h)	m			12.13×4.15×4.60				12.75×4.15×4.86		
Machine weight	t			102				116		
Hopper capacity	kg			400				400		
Oil tank capacity	l			1250				1720		

NOTE:

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

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

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

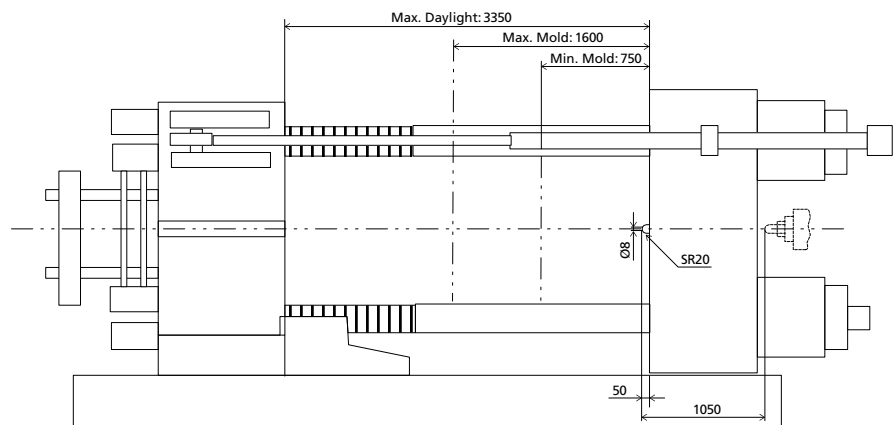
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

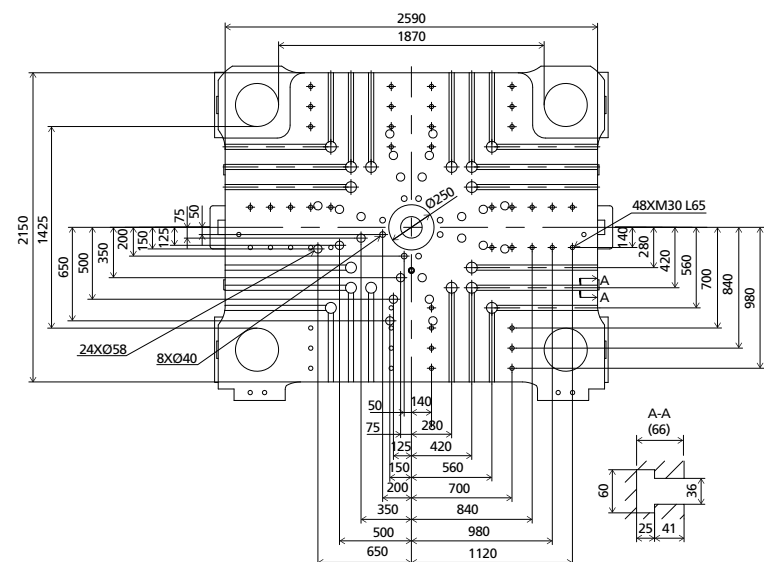
We reserve the right to make changes as a result of further technical advantages.

# DIMENSIONS JU18500III

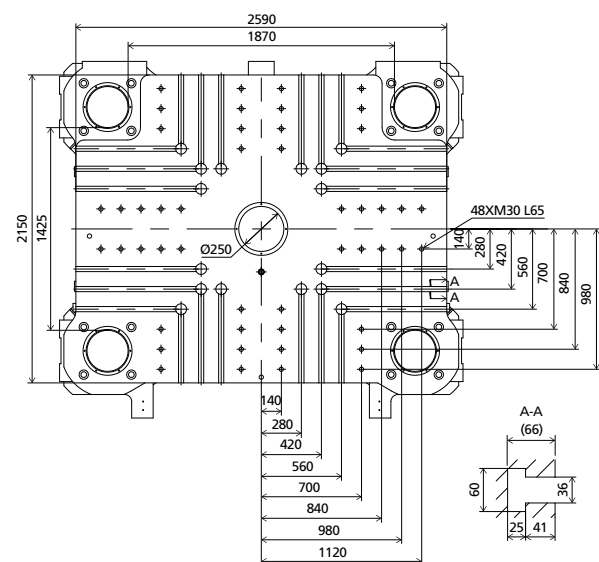
## Clamping Unit



## Platen dimensions Moving platen

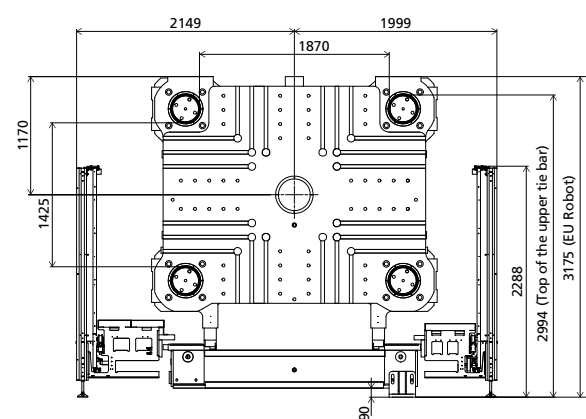


## Platen dimensions Fixed platen



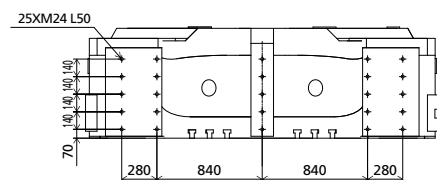
## Robot

### Mechanical interface

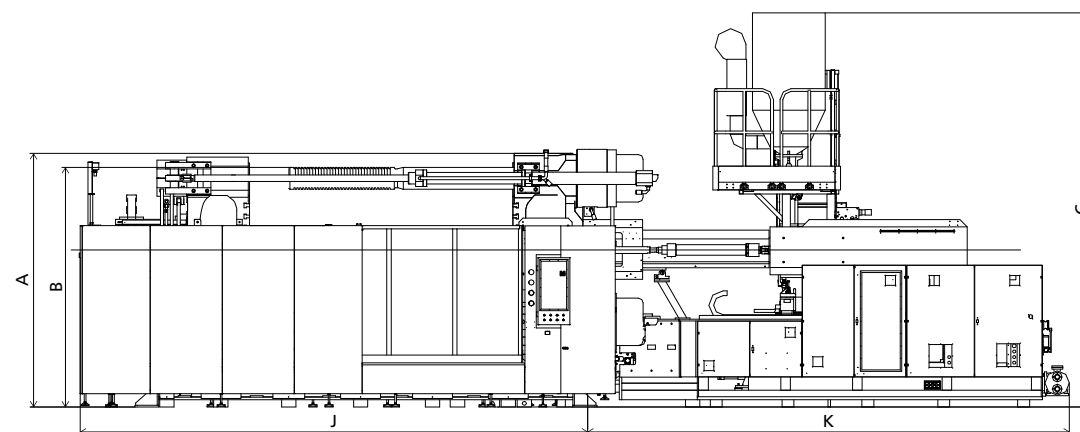


## Robot

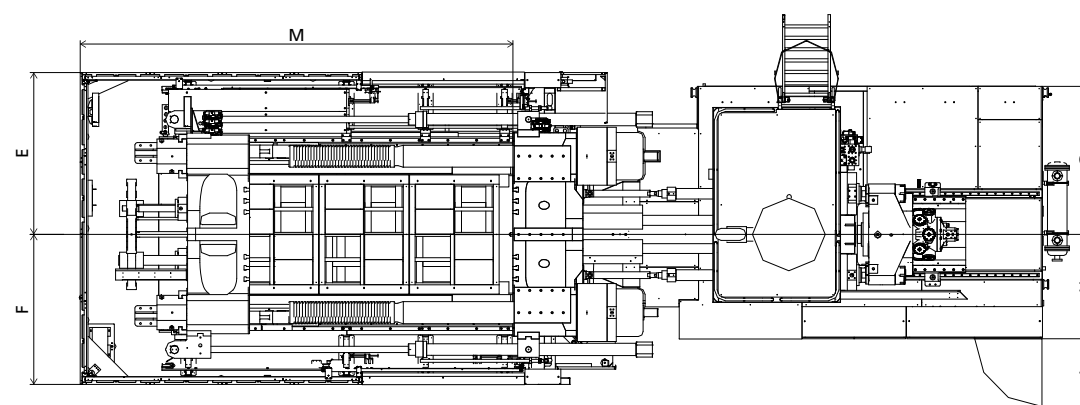
### Top view fixed platen



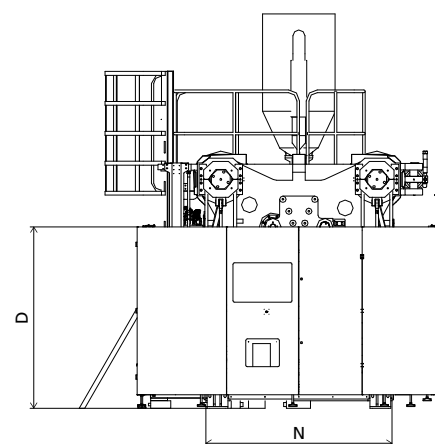
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	M	N
11300	3175	2994	4595	2270	2149	1999	1318	1282	745	6306	5821	5321	2390
17300	3175	2994	4875	2270	2149	1999	1855	1305	850	6306	5971	5321	2390
22300	3175	2994	4860	2270	2149	1999	1925	1435	850	6306	6443	5321	2390
32300	3175	2994	4870	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 JU24000III

SPECIFICATIONS  
INJECTION UNIT

	17300	22300	32300	JU24000III 40300	
<b>CLAMPING UNIT</b>					<b>CLAMPING UNIT</b>
Clamping force	kN			24000	kN
Space between tie bars	mm			2020×1620	mm
Max. mold height	mm			1800	mm
Min. mold height	mm			800	mm
Ejector stroke	mm			500	mm
Ejector force	kN			450	kN
Max. daylight	mm			3800	mm
Min. mold dimension ①	mm			3000/2000	mm
Max. mold weight ②	t			59	t
<b>INJECTION UNIT</b>					<b>INJECTION UNIT</b>
Screw diameter	mm	A B C	A B	A B	mm
Screw L /D ratio	L/D	24 22.3 20.8	24 22.4	24 22.6	L/D
Shot size (theoretical)	cm <sup>3</sup>	8362 9698 11133	10468 12017	17492 19747	cm <sup>3</sup>
Injection weight (PS)	g	7610 8825 10131	9526 10935	15918 17970	g
Injection rate	g/s	1375 1595 1831	1379 1583	1590 1795	g/s
Injection pressure	Mpa	186 160 140	185 161	161 142	Mpa
Injection pressure(max)	Mpa	211 182 158	211 184	181 160	Mpa
Plasticizing capacity (GPPS) ③	g/s	188 215 246	155 176		g/s
Plasticizing capacity (HDPE) ④	g/s	282 316 376	243 294	280 310	g/s
Screw speed	rpm	114	85	72	70
<b>OTHERS</b>					<b>OTHERS</b>
Max. pump pressure	Mpa	25	25	25	Mpa
Pump motor power	kW	75+55+55	75+55+55	75+55+55	kW
Heating power	kW	116	133	174	kW
Machine dimensions (l x w x h)	m	13.42×5.46×5.04	13.58×5.46×5.02	14.57×5.46×5.03	m
Machine weight	t	127	134	138	t
Hopper capacity	kg	400	400	400	kg
Oil tank capacity	l	1550	1720	1720	l

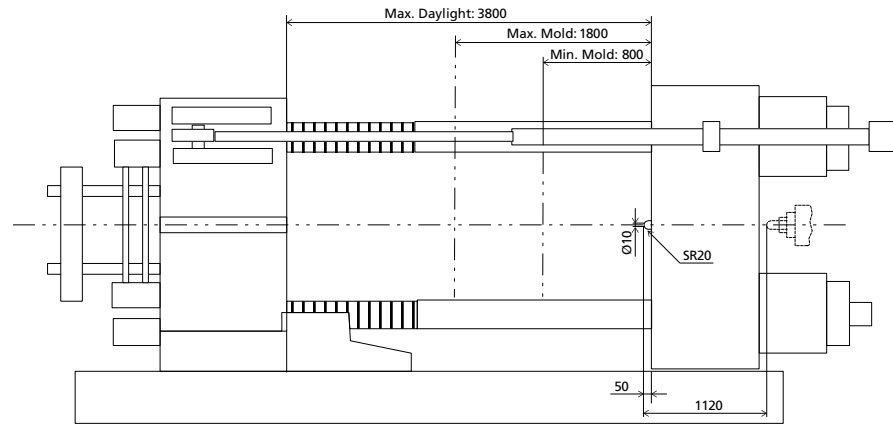
**NOTE:**

- ① with min. mold height / with max. mold height
- ② moving platen: 2/3 of max. mold weight
- ③ Plasticizing capacity (GPPS): note: GB standard, with application of GPPS plasticizing capacity of 3-zone screws
- ④ Plasticizing capacity (HDPE): note: 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.

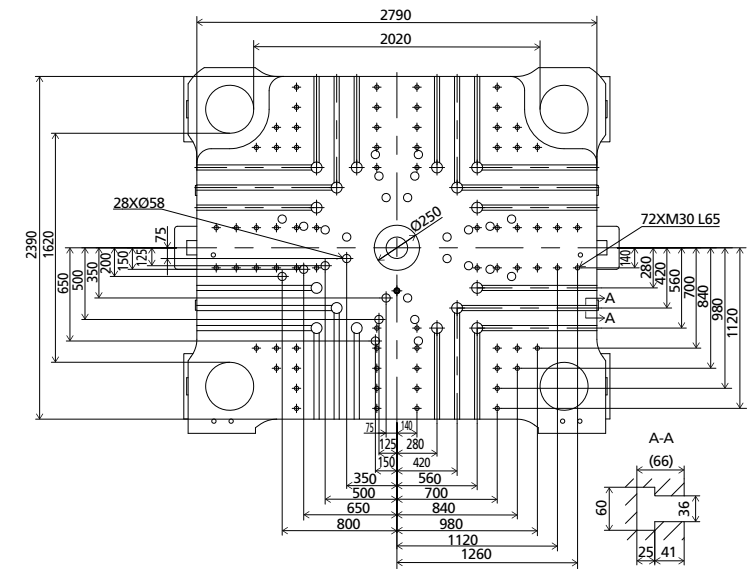
# DIMENSIONS JU24000III

## Clamping Unit



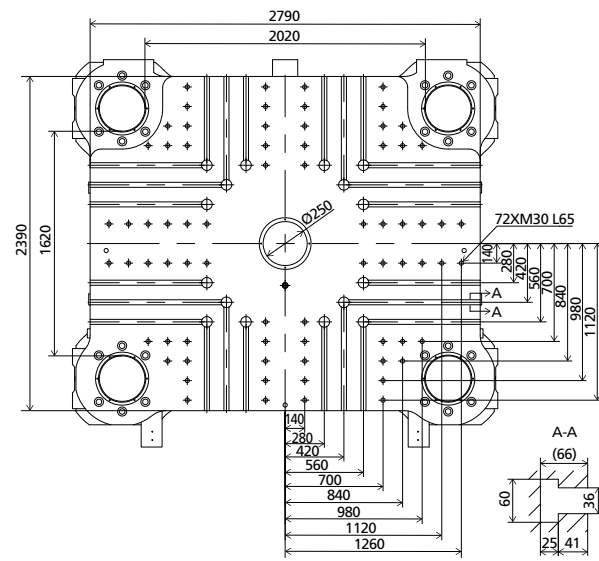
## Platen dimensions

Moving platen



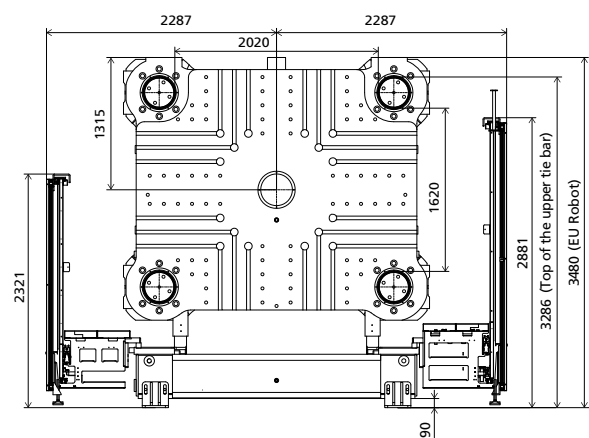
## Platen dimensions

Fixed platen



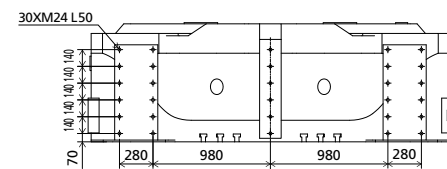
## Robot

Mechanical interface

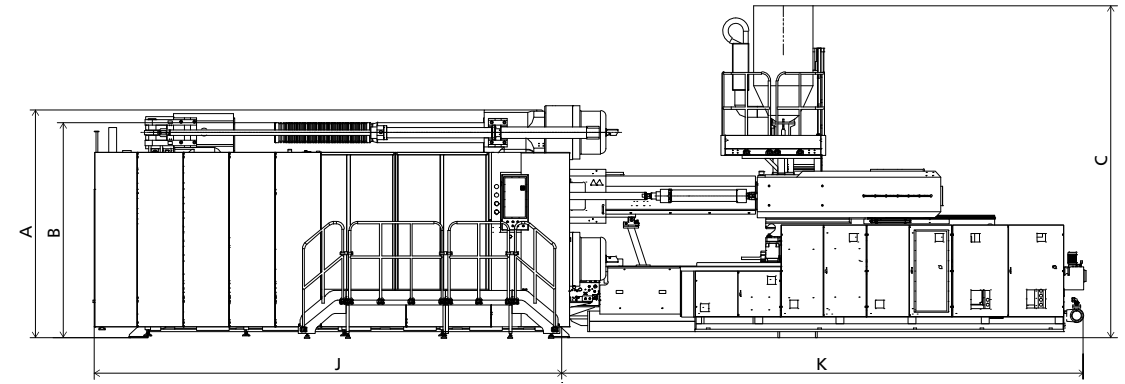


## Robot

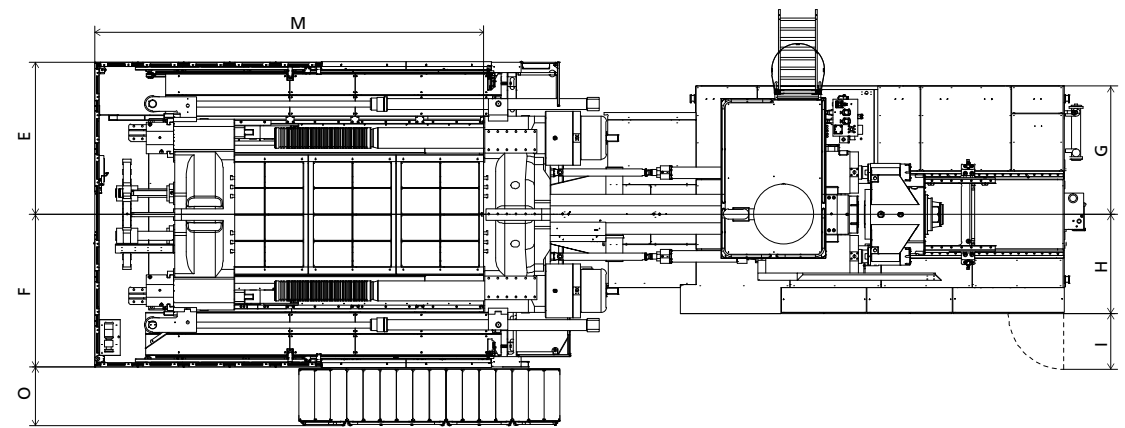
Top view fixed platen



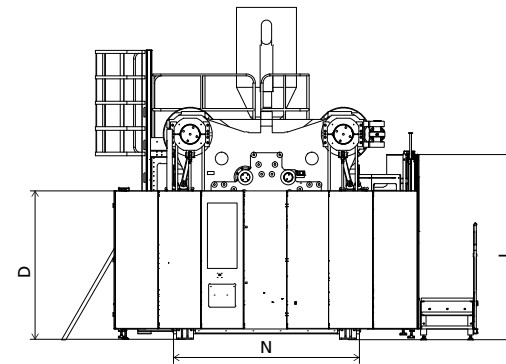
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
17300	3480	3136	5035	2270	2287	2287	1855	1305	850	7125	6051	2830	5936	2750	864
22300	3480	3136	5020	2270	2287	2287	1925	1435	850	7125	6443	2830	5936	2750	864
32300	3480	3136	5030	2270	2287	2287	1925	1435	850	7125	7431	2830	5936	2750	864
40300	3480	3136	5070	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	
<b>CLAMPING UNIT</b>								
Clamping force	kN					28000		kN
Space between tie bars	mm					2185×1755		mm
Max. mold height	mm					2000		mm
Min. mold height	mm					800		mm
Ejector stroke	mm					500		mm
Ejector force	kN					450		kN
Max. daylight	mm					4100		mm
Min. mold dimension ①	mm					3300/2100		mm
Max. mold weight ②	t					66		t
<b>INJECTION UNIT</b>								
Screw diameter	mm	A 140 B 150	A 160 B 170	A 170 B 185		200	220	mm
Screw L /D ratio	L/D	24 22.4	24 22.6	23.5 21.6		20	20.5	L/D
Shot size (theoretical)	cm <sup>3</sup>	10468 12017	17492 19747	23379 27687		35186	45616	cm <sup>3</sup>
Injection weight (PS)	g	9526 10935	15918 17970	21275 25195		32019	41510	g
Injection rate	g/s	1460 1676	1684 1901	1651 1956		2314	2492	g/s
Injection pressure	Mpa	185 161	161 142	148 125		128	119	Mpa
Injection pressure(max)	Mpa	211 184	181 160	168 142		143	134	Mpa
Plasticizing capacity (GPPS) ③	g/s	171 195						g/s
Plasticizing capacity (HDPE) ④	g/s	269 325	315 349	309 320		380	370	g/s
Screw speed	rpm	94	81	70		70	53	rpm
<b>OTHERS</b>								
Max. pump pressure	Mpa	25	25	25		25	25	Mpa
Pump motor power	kW	75+55+75	75+55+75	75+55+75		75+75+30+75	75+75+30+75	kW
Heating power	kW	133	174	215		215	223	kW
Machine dimensions (l x w x h)	m	14.02×5.60×5.17	15.01×5.60×5.18	15.51×5.60×5.22		15.93×5.60×5.26	16.66×5.60×5.26	m
Machine weight	t	156	160	170		176	182	t
Hopper capacity	kg	400	400	400		400	400	kg
Oil tank capacity	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): note: GB standard, with application of GPPS plasticizing capacity of 3-zone screws

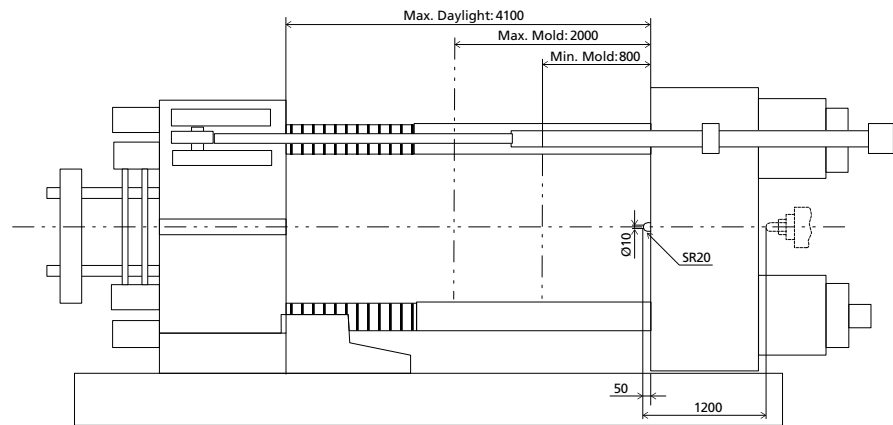
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

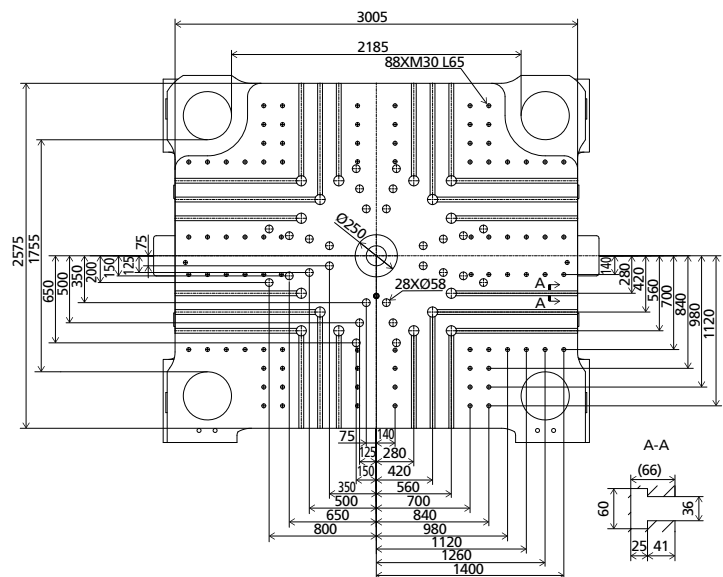
# DIMENSIONS JU28000III

## Clamping Unit



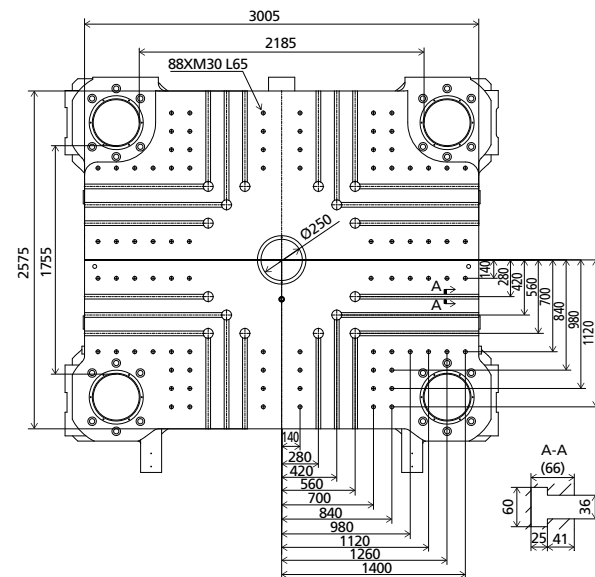
## Platen dimensions

Moving platen



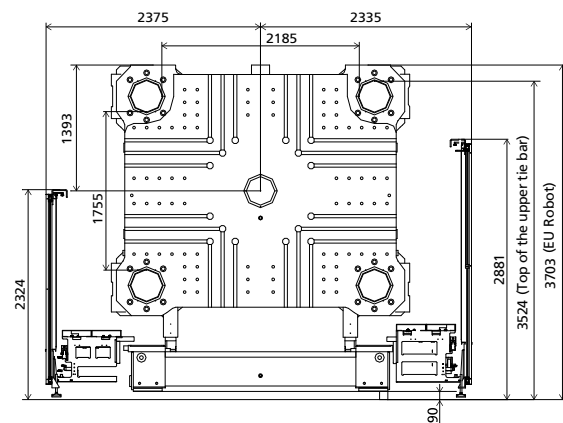
## Platen dimensions

Fixed platen



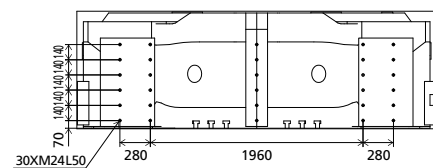
## Robot

Mechanical interface

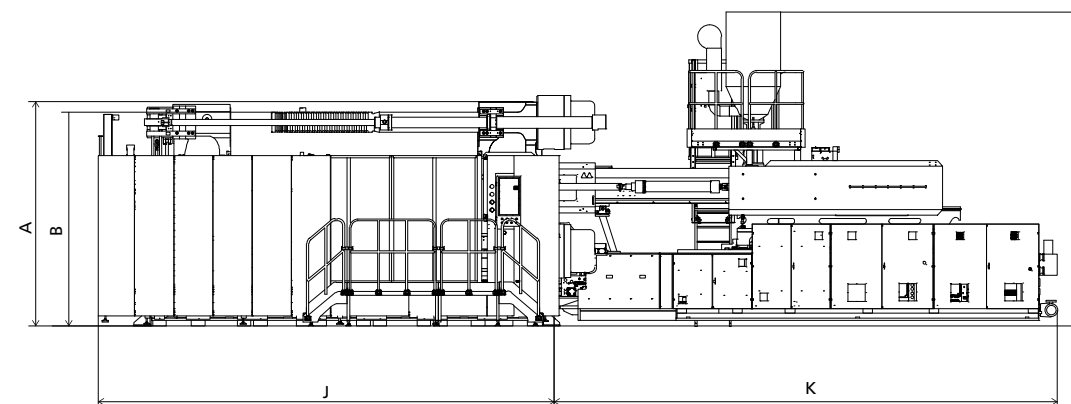


## Robot

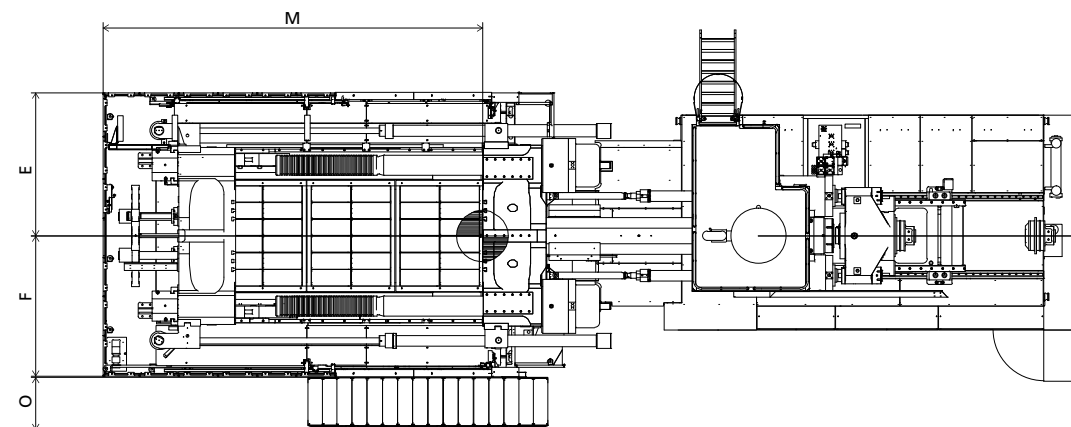
Top view fixed platen



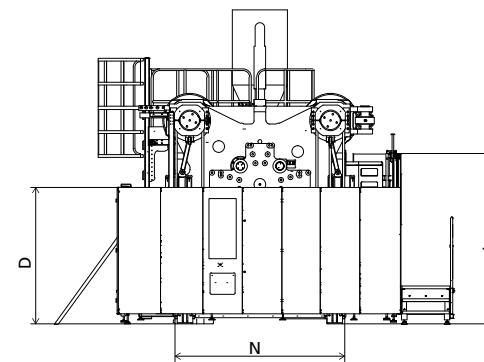
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
22300	3703	3524	5165	2270	2375	2335	1925	1435	850	7570	6443	2830	6300	2817	864
32300	3703	3524	5175	2270	2375	2335	1925	1435	850	7570	7431	2830	6300	2817	864
40300	3703	3524	5215	2270	2375	2335	1965	1515	850	7570	7938	2830	6300	2817	864
50300	3703	3524	5255	2270	2375	2335	2005	1565	850	7570	8355	2830	6300	2817	864
62300	3703	3524	5255	2270	2375	2335	2005	1565	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		
<b>CLAMPING UNIT</b>							
Clamping force	kN				33000	kN Clamping force	
Space between tie bars	mm				2270×1900	mm Space between tie bars	
Max. mold height	mm				2000	mm Max. mold height	
Min. mold height	mm				1000	mm Min. mold height	
Ejector stroke	mm				550	mm Ejector stroke	
Ejector force	kN				580	kN Ejector force	
Max. daylight	mm				4200	mm Max. daylight	
Min. mold dimension ①	mm				3200/2200	mm Min. mold dimension ①	
Max. mold weight ②	t				75	t Max. mold weight ②	
<b>INJECTION UNIT</b>							
Screw diameter	mm	A 140 B 150	A 160 B 170	A 170 B 185	200	220	mm Screw diameter
Screw L /D ratio	L/D	24 22.4	24 22.6	23.5 21.6	20	20.5	L/D Screw L /D ratio
Shot size (theoretical)	cm <sup>3</sup>	10468 12017	17492 19747	23379 27687	35186	45616	cm <sup>3</sup> Shot size (theoretical)
Injection weight (PS)	g	9526 10935	15918 17970	21275 25195	32019	41510	g Injection weight (PS)
Injection rate	g/s	1460 1676	1684 1901	1651 1956	2314	2492	g/s Injection rate
Injection pressure	Mpa	185 161	161 142	148 125	128	119	Mpa Injection pressure
Injection pressure (max)	Mpa	211 184	181 160	168 142	143	134	Mpa Injection pressure (max)
Plasticizing capacity (GPPS) ③	g/s	171 195					g/s Plasticizing capacity (GPPS) ③
Plasticizing capacity (HDPE) ④	g/s	269 325	315 349	309 320	380	370	g/s Plasticizing capacity (HDPE) ④
Screw speed	rpm	94	81	70	70	53	rpm Screw speed
<b>OTHERS</b>							
Max. pump pressure	Mpa	25	25	25	25	25	Mpa Max. pump pressure
Pump motor power	kW	75+55+75	75+55+75	75+55+75	75+75+30+75	75+75+30+75	kW Pump motor power
Heating power	kW	133	174	215	215	223	kW Heating power
Machine dimensions (l x w x h)	m	14.42×5.92×5.34	15.41×5.92×5.34	15.92×5.92×5.38	16.33×5.92×5.42	17.07×5.92×5.42	m Machine dimensions (l x w x h)
Machine weight	t	178	182	192	198	204	t Machine weight
Hopper capacity	kg	400	400	400	400	400	kg Hopper capacity
Oil tank capacity	l	1720	1720	2390	2880	2880	l Oil tank capacity

NOTE:

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

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

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

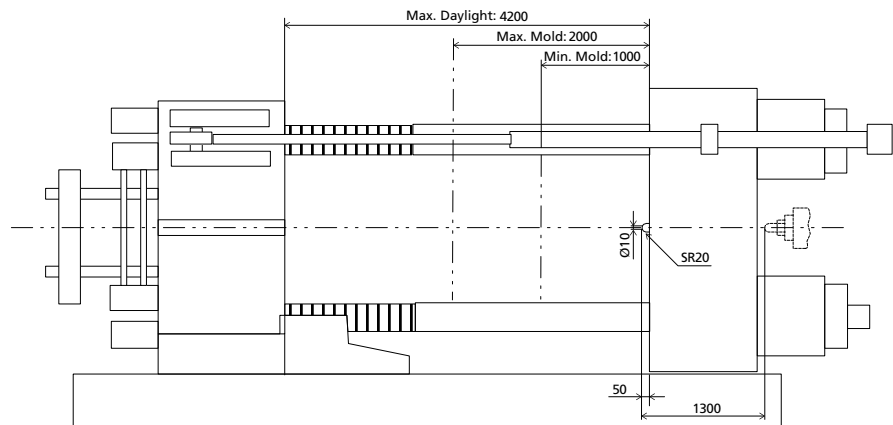
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

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

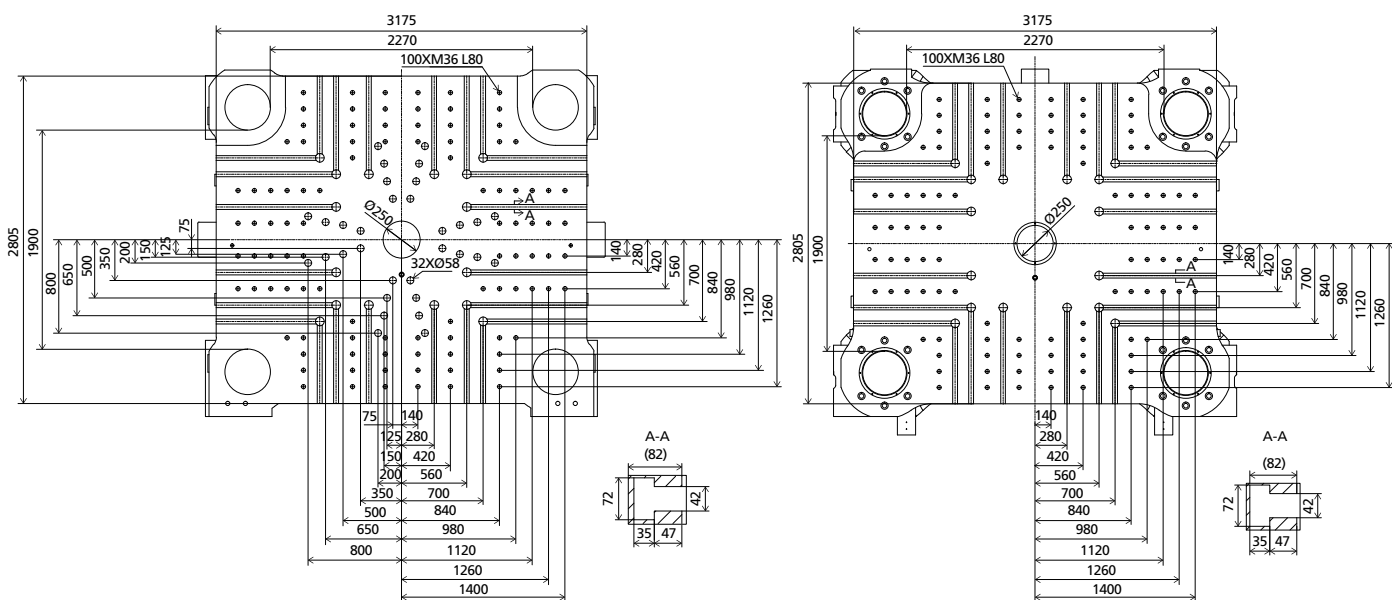


## Platen dimensions

Moving platen

## Platen dimensions

Fixed platen

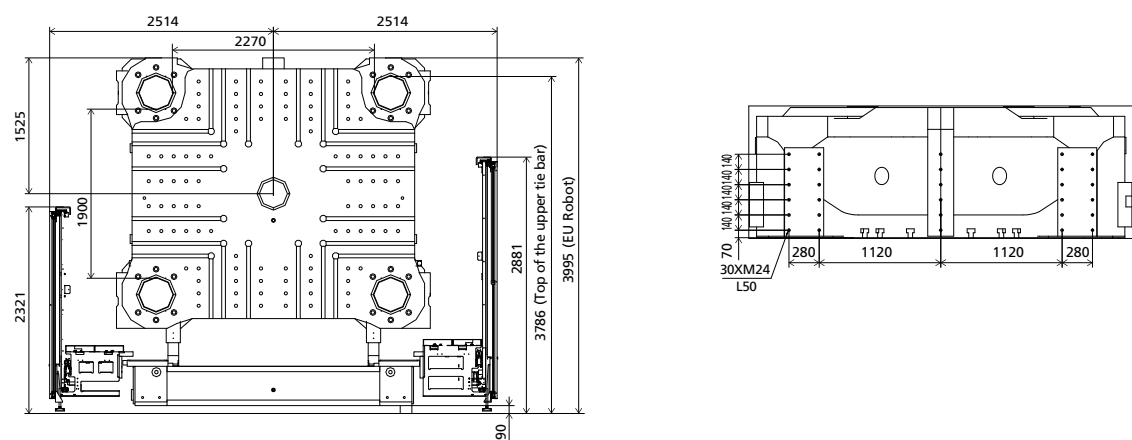


## Robot

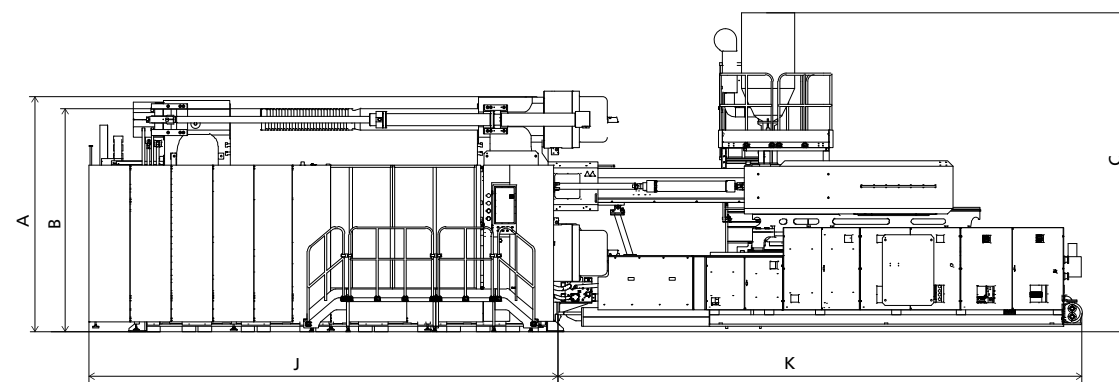
Mechanical interface

## Robot

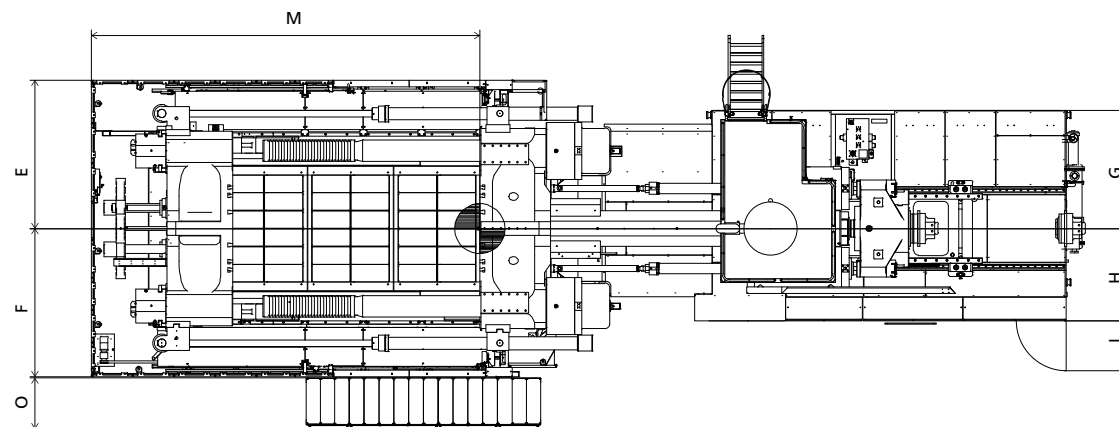
Top view fixed platen



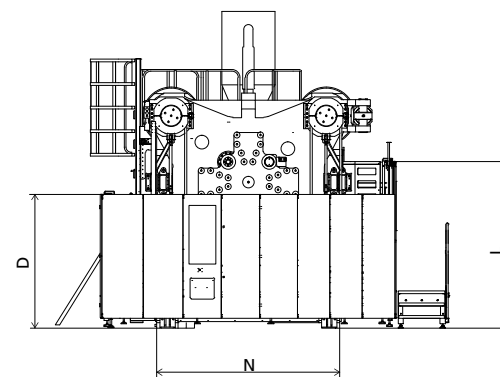
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
22300	3995	3786	5325	2270	2514	2514	1925	1435	850	7975	6443	2830	6605	3110	864
32300	3995	3786	5335	2270	2514	2514	1925	1435	850	7975	7431	2830	6605	3110	864
40300	3995	3786	5375	2270	2514	2514	1965	1515	850	7975	7938	2830	6605	3110	864
50300	3995	3786	5415	2270	2514	2514	2005	1565	850	7975	8355	2830	6605	3110	864
62300	3995	3786	5415	2270	2514	2514	2005	1565	850	7975	8895	2830	6605	3110	864

INJECTION UNIT  
DIMENSIONS (mm)

## SPECIFICATION JU40000III

SPECIFICATIONS

INJECTION UNIT

		JU40000III			
		93300	106300		
<b>CLAMPING UNIT</b>			<b>CLAMPING UNIT</b>		
Clamping force	kN		40000	kN	Clamping force
Space between tie bars	mm		2400×2000	mm	Space between tie bars
Max. mold height	mm		2200	mm	Max. mold height
Min. mold height	mm		1000	mm	Min. mold height
Ejector stroke	mm		550	mm	Ejector stroke
Ejector force	kN		580	kN	Ejector force
Max. daylight	mm		4460	mm	Max. daylight
Min. mold dimension ①	mm		3460/2260	mm	Min. mold dimension ①
Max. mold weight ②	t		86	t	Max. mold weight ②
<b>INJECTION UNIT</b>			<b>INJECTION UNIT</b>		
Screw diameter	mm	240	260	mm	Screw diameter
Screw L /D ratio	L/D	23	23	L/D	Screw L /D ratio
Shot size (theoretical)	cm <sup>3</sup>	60168	80170	cm <sup>3</sup>	Shot size (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 capacity (GPPS) ③	g/s			g/s	Plasticizing capacity (GPPS) ③
Plasticizing capacity (HDPE) ④	g/s	470	500	g/s	Plasticizing capacity (HDPE) ④
Screw speed	rpm	50	42	rpm	Screw speed
<b>OTHERS</b>			<b>OTHERS</b>		
Max. pump pressure	Mpa	25	25	Mpa	Max. pump pressure
Pump motor power	kW	75+75+75+45+75	75+75+75+45+75	kW	Pump motor power
Heating power	kW	290	314	kW	Heating power
Machine dimensions (l x w x h)	m	19.33×6.05×5.92	19.83×6.05×5.92	m	Machine dimensions (l x w x h)
Machine weight	t	258	265	t	Machine weight
Hopper capacity	kg	600	600	kg	Hopper capacity
Oil tank capacity	l	3940	3940	l	Oil tank capacity

NOTE:

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

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

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

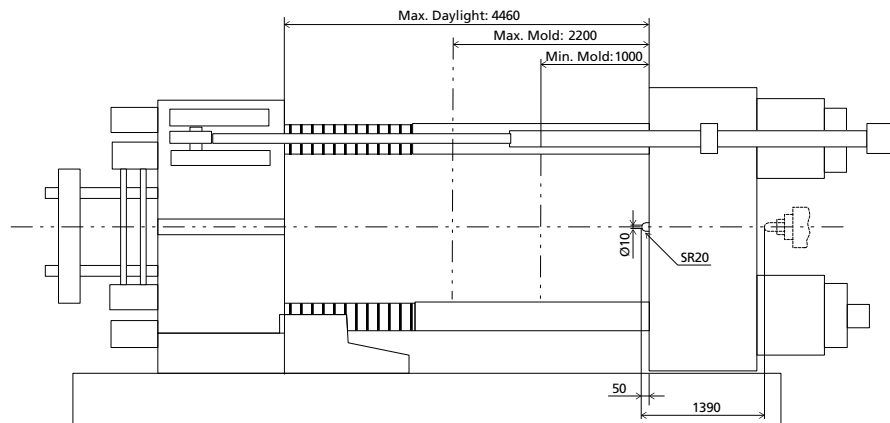
④ Plasticizing capacity (HDPE): note: Euromap 19, with application of HDPE plasticizing capacity of barrier screws

The above plasticizing capacity is for reference only.

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

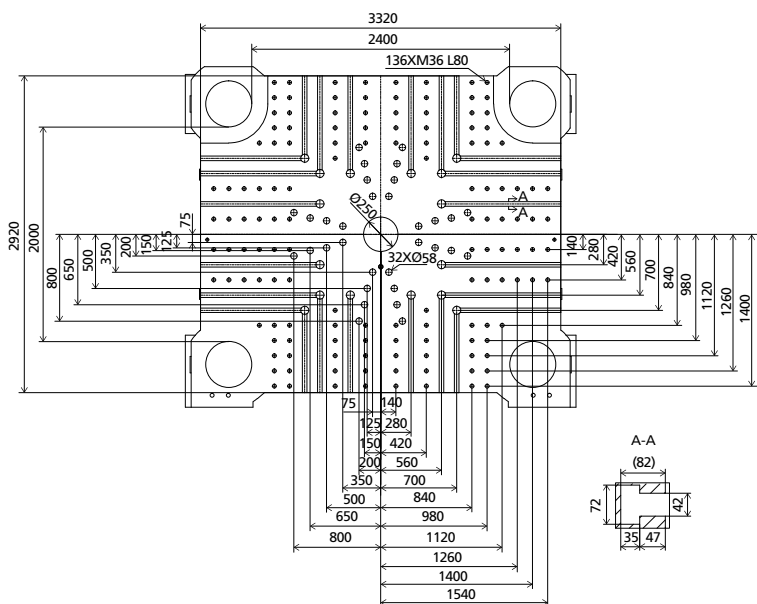
# DIMENSIONS JU40000III

## Clamping Unit



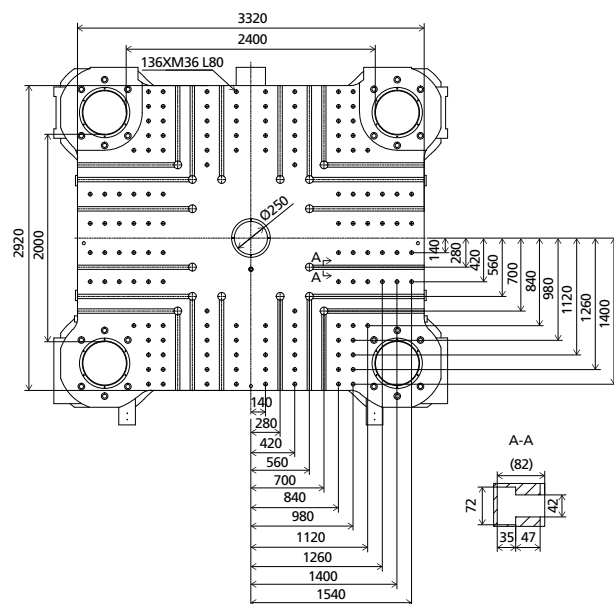
## Platen dimensions

Moving platen



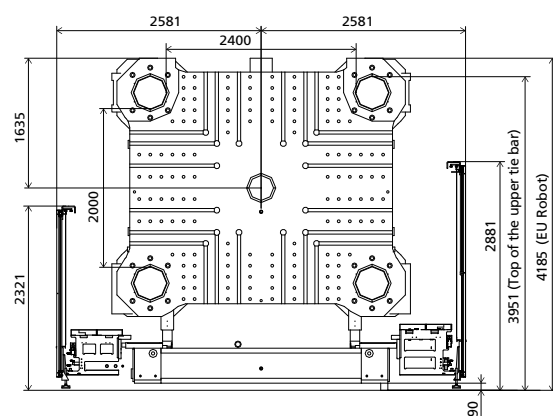
## Platen dimensions

Fixed platen



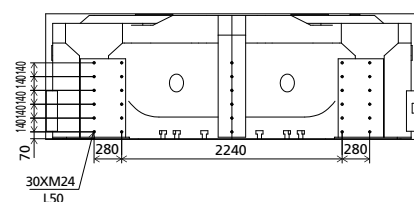
## Robot

Mechanical interface

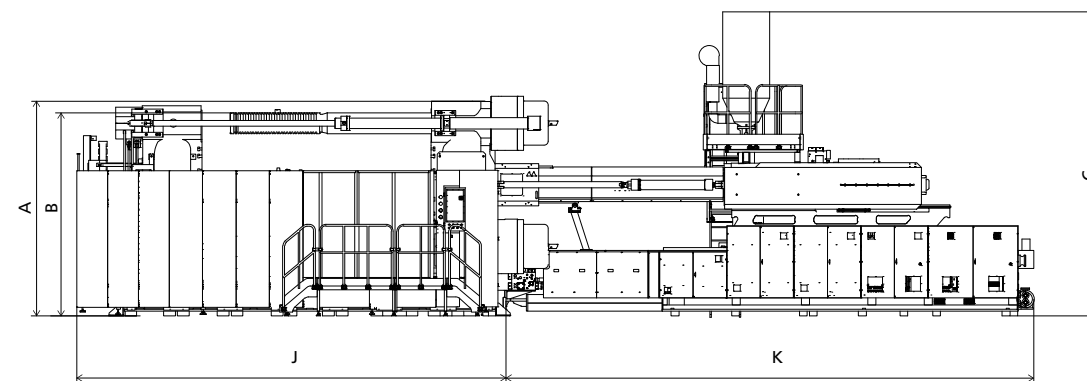


## Robot

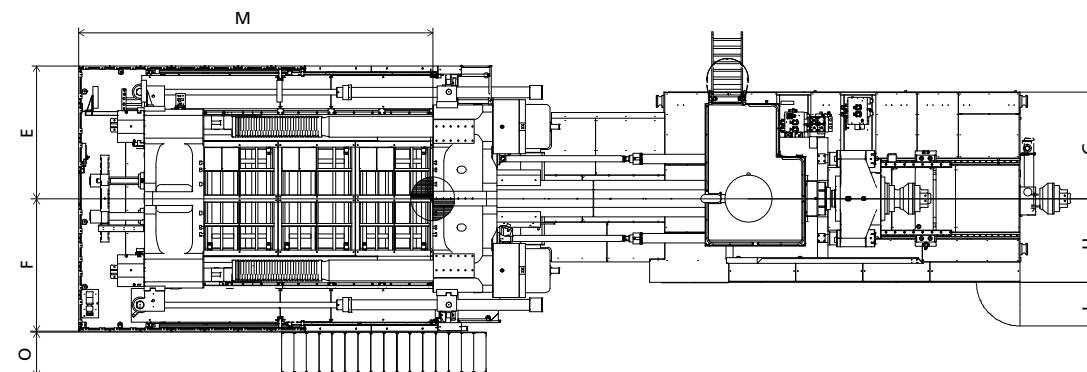
Top view fixed platen



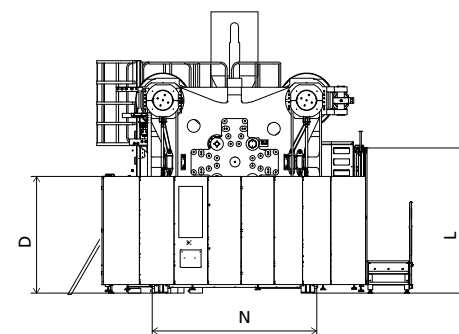
## Front view



## Top view



## Side view



■ Standard

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
93300	4185	3591	5920	2270	2581	2581	2075	1635	850	8360	10288	2830	6900	3200	864
106300	4185	3591	5920	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.