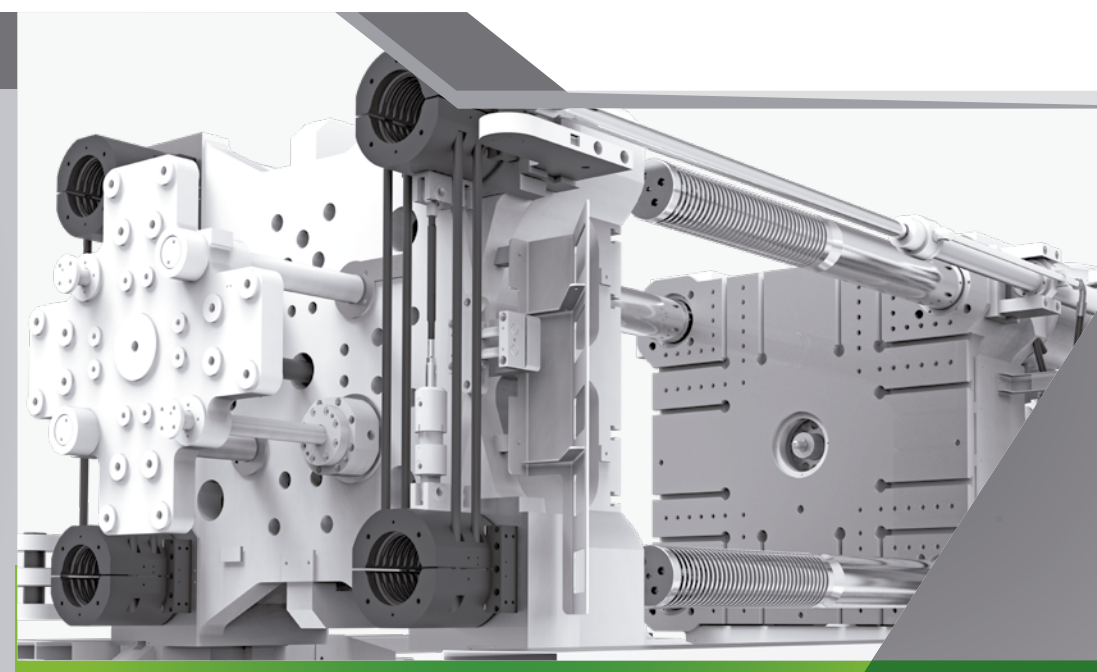


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SPECIFICATIONS

GLOBAL



HAITIAN JU III/W SERIES

Wide platen
10,800 - 16,000 kN

JU 20191217-V



SPECIFICATION JU10800WIII

SPECIFICATIONS
INJECTION UNIT

			SPECIFICATIONS																	
			JU10800WIII								INJECTION									
			6730				8930				11300				17300					
CLAMPING UNIT			CLAMPING UNIT																	
Clamping force	kN		10800												kN	Clamping force				
Dist. between tie bars (H×V)	mm		1445×1195												mm	Dist. between tie bars (H×V)				
Mold height max	mm		1200												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		2550												mm	Max. daylight				
Mold opening stroke ①	mm		1950/1350												mm	Mold opening stroke ①				
Max. mold weight ②	t		23												t	Max. mold weight ②				
INJECTION UNIT			A	B	C	D	A	B	C	D	A	B	C	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		9.80×3.53×3.01				10.13×3.53×3.02				10.93×3.53×3.19				11.23×3.53×4.45				m	Machine dimension (L x W x H)
Machine weight	t		56				57				60				65				t	Machine weight
Hopper capacity	kg		100				100				100				400				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.

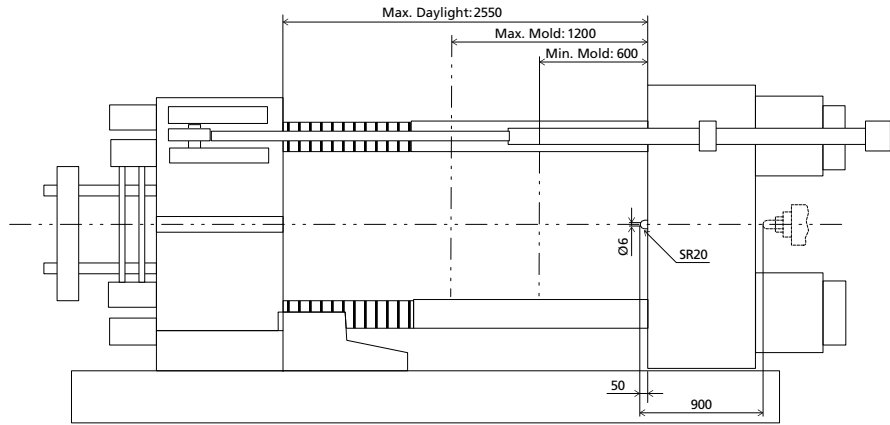
The above plasticizing capacity is for reference only.

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.

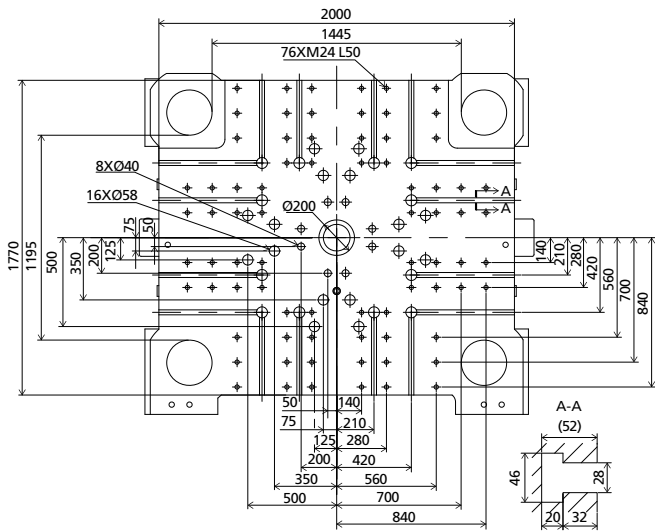
DIMENSIONS JU10800WIII

Clamping Unit



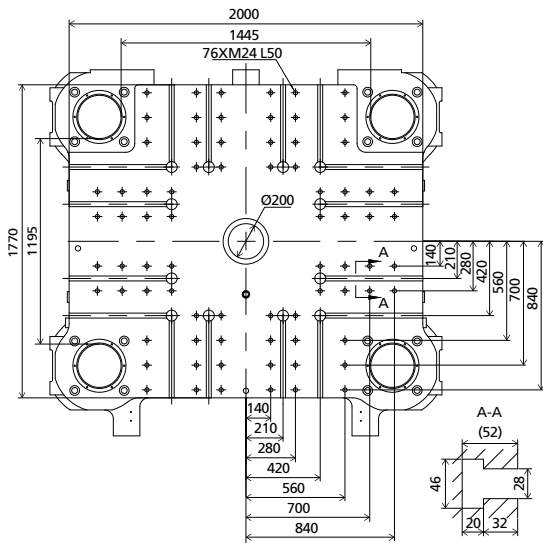
Platen dimensions

Moving platen



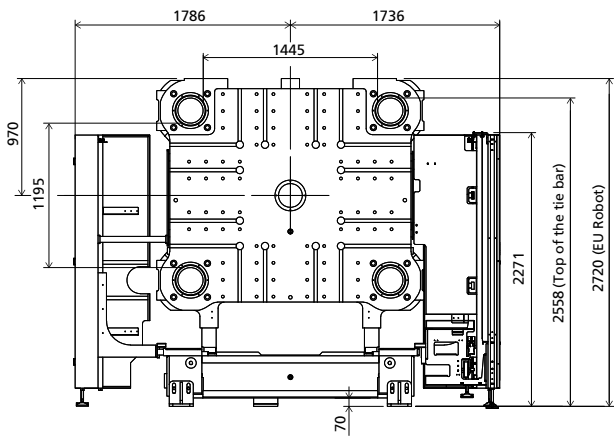
Platen dimensions

Fixed platen



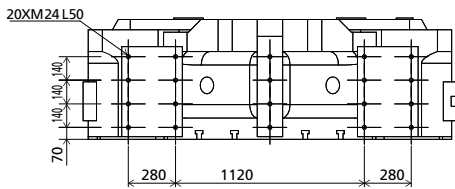
Robot

Mechanical interface

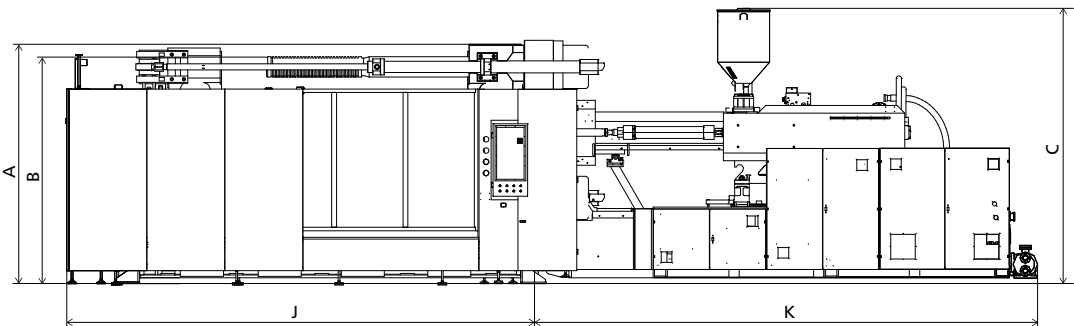


Robot

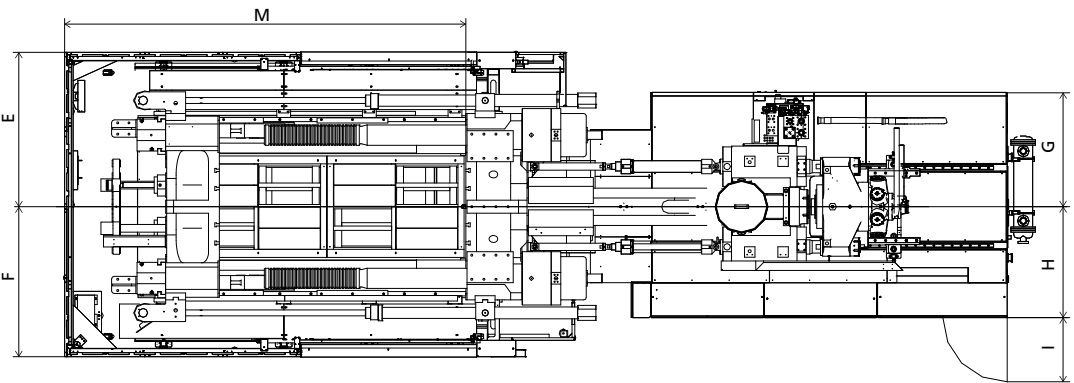
Top view fixed platen



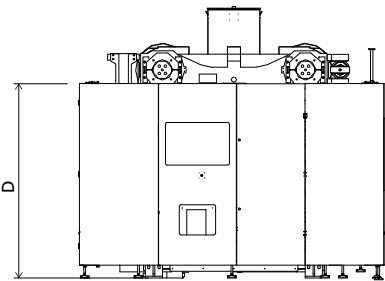
Front view



Top view



Side view



Standard

	INJECTION UNIT												
	A	B	C	D	E	F	G	H	I	J	K	M	N
6730	2720	2558	3005	2250	1786	1736	1198	1112	544	5109	4689	4339	2050
8930	2720	2558	3015	2250	1786	1736	1228	1172	544	5109	5021	4339	2050
11300	2720	2558	3190	2250	1786	1736	1318	1282	745	5109	5821	4339	2050
17300	2720	2558	4445	2250	1786	1736	1855	1305	850	5109	6114	4339	2050

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

SPECIFICATION JU13000WIII

SPECIFICATIONS
INJECTION UNIT

					JU13000WIII										
8930					11300				17300						
CLAMPING UNIT									CLAMPING UNIT						
Clamping force	kN				13000							kN	Clamping force		
Dist. between tie bars (H×V)	mm				1595×1310							mm	Dist. between tie bars (H×V)		
Mold height max	mm				1300							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				2550/1950							mm	Mold opening stroke ①		
Max. mold weight ②	t				33							t	Max. mold weight ②		
INJECTION UNIT					A	B	C	D	A			B	C	INJECTION UNIT	
Screw diameter	mm	100	110	120	130	110	120	130	140	130	140	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	
Injection volume (theoretical)	cm ³	4006	4847	5768	6769	5227	6220	7300	8467	8362	9698	11133	cm ³	Injection volume (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 rate (GPPS) ③	g/s	110	133	154	177	123	142	164	187	168	192	220	g/s	Plasticizing rate (GPPS) ③	
Plasticizing rate (HDPE) ④	g/s	161	193	220	253	187	217	240	273	252	283	336	g/s	Plasticizing rate (HDPE) ④	
Screw speed	rpm	127			105				102			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	11.13×3.77×3.07			11.80×3.77×3.25				12.38×3.77×4.50			m		Machine dimension (L x W x H)	
Machine weight	t	75			78				82			t		Machine weight	
Hopper capacity	kg	100			100				400			kg		Hopper capacity	
Oil tank ⑤	l	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.

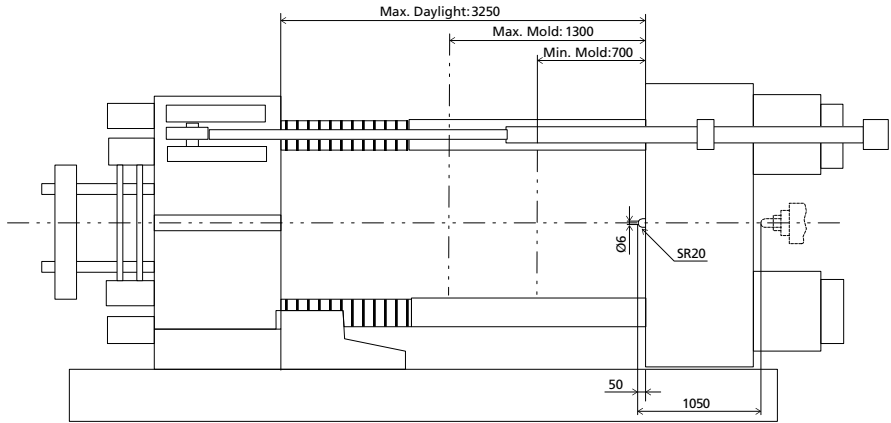
The above plasticizing capacity is for reference only.

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.

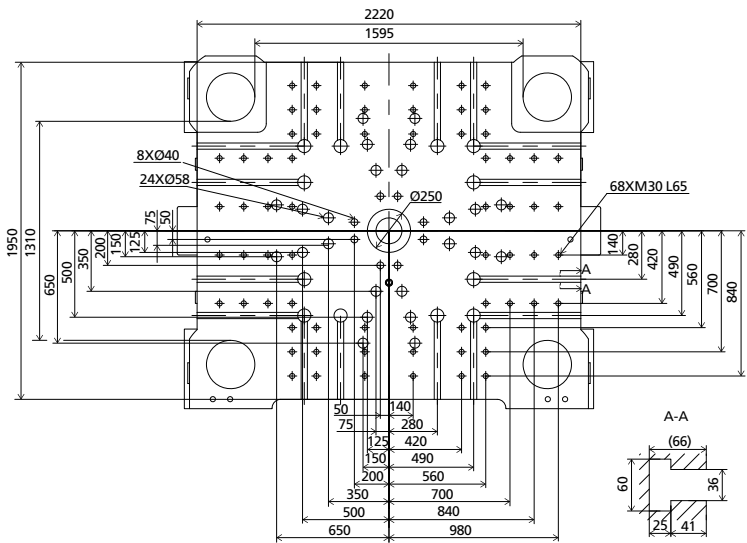
DIMENSIONS JU13000WIII

Clamping Unit



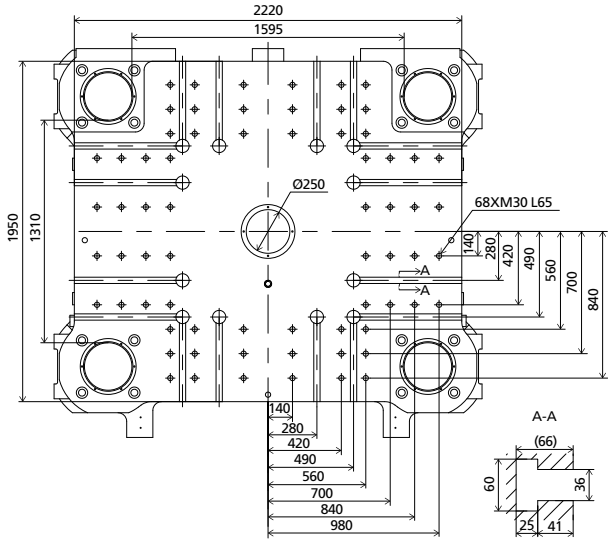
Platen dimensions

Moving platen



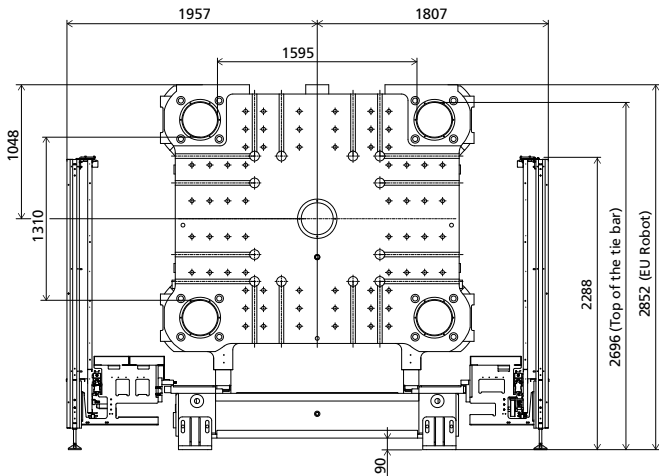
Platen dimensions

Fixed platen



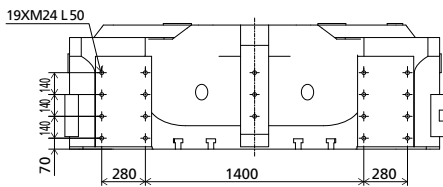
Robot

Mechanical interface

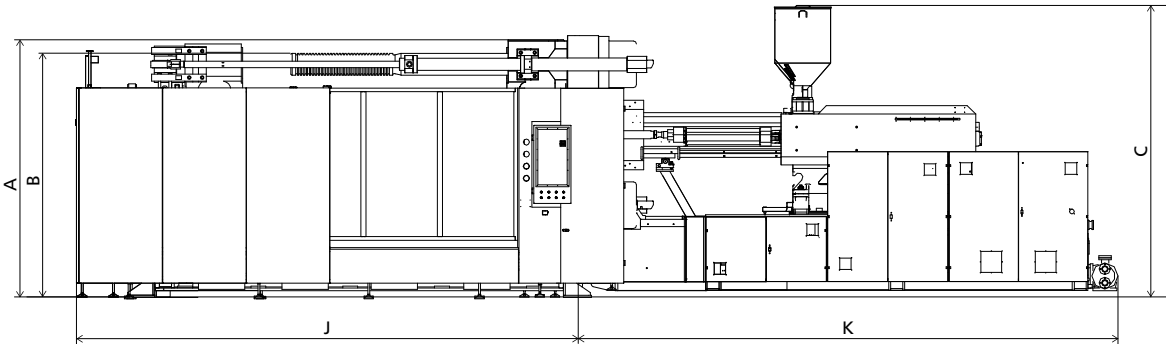


Robot

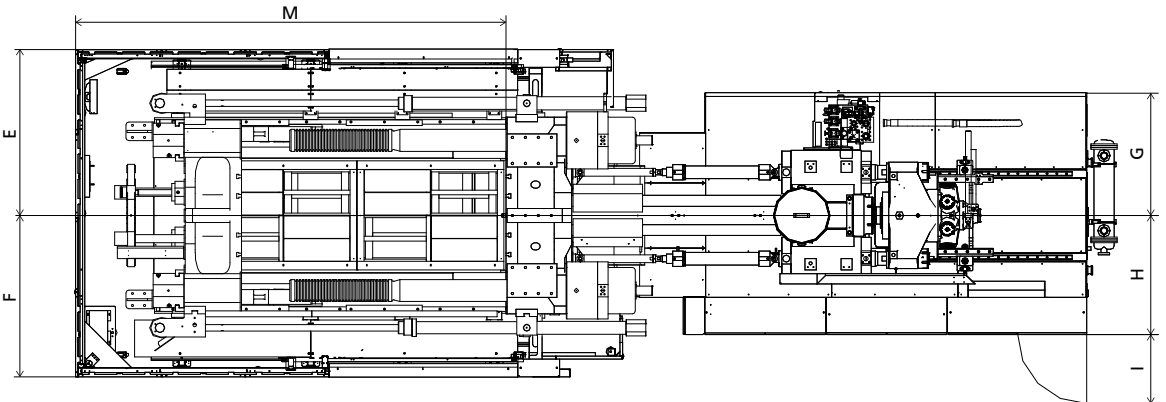
Top view fixed platen



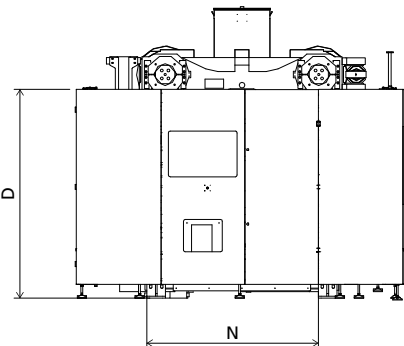
Front view



Top view



Side view



Standard

	INJECTION UNIT												
	A	B	C	D	E	F	G	H	I	J	K	M	N
8930	2852	2696	3070	2270	1957	1807	1228	1102	675	5976	5021	5121	2170
11300	2852	2696	3245	2270	1957	1807	1318	1282	745	5976	5821	5121	2170
17300	2852	2696	4500	2270	1957	1807	1855	1305	850	5976	6051	5121	2170

SPECIFICATION JU16000WIII

					JU16000WIII			SPECIFICATION										INJECTION		
11300					17300			22300					32300							
CLAMPING UNIT															CLAMPING UNIT					
Clamping force	kN				16000								kN	Clamping force						
Dist. between tie bars (H×V)	mm				1885×1440								mm	Dist. between tie bars (H×V)						
Mold height max	mm				1500								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				2600/1850								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)	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	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	12.13×4.15×4.42			12.51×4.15×4.70			12.75×4.15×4.69					13.74×4.15×4.70					m	Machine dimension (L x W x H)	
Machine weight	t	92			96			101					105					t	Machine weight	
Hopper capacity	kg	400			400			400					400					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.

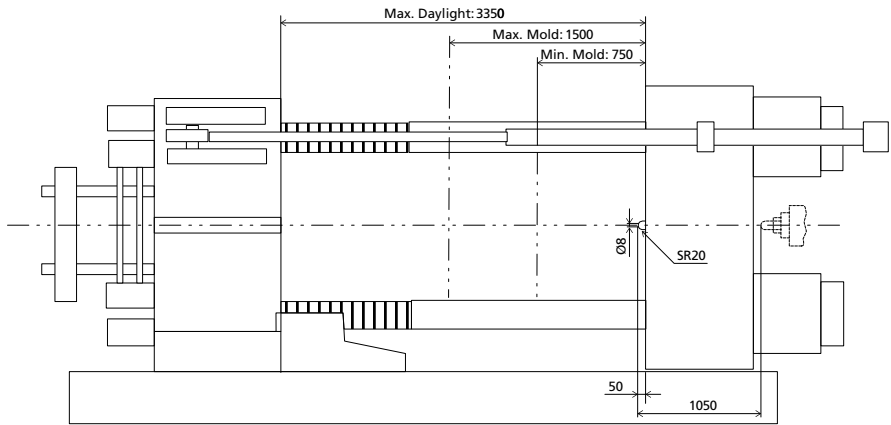
The above plasticizing capacity is for reference only.

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.

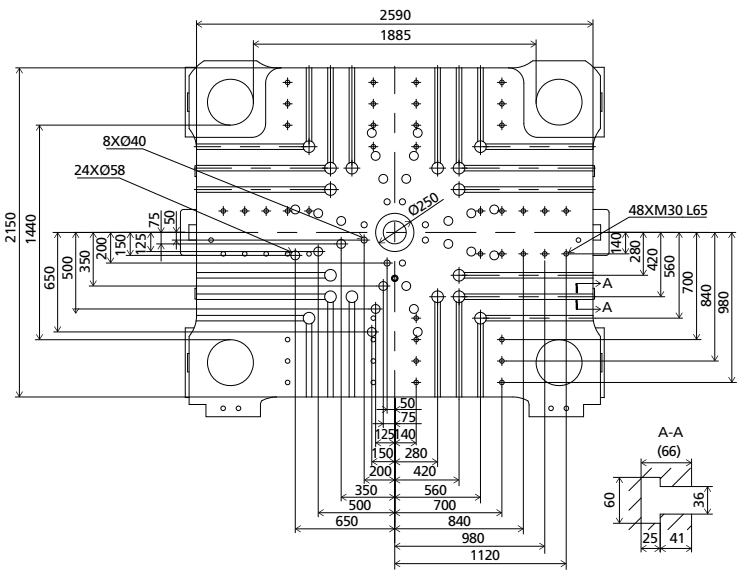
DIMENSIONS JU16000WIII

Clamping Unit



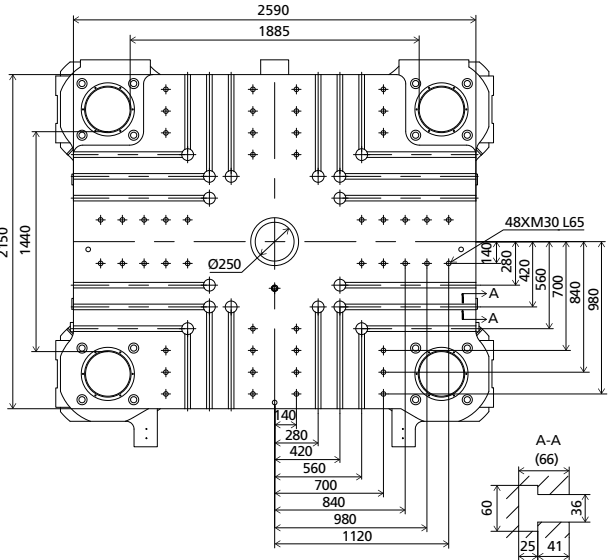
Platen dimensions

Moving platen



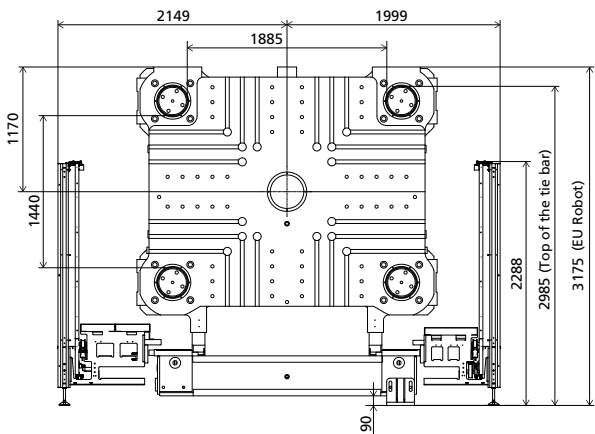
Platen dimensions

Fixed platen



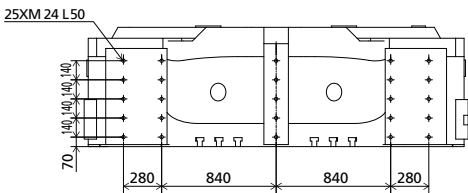
Robot

Mechanical interface

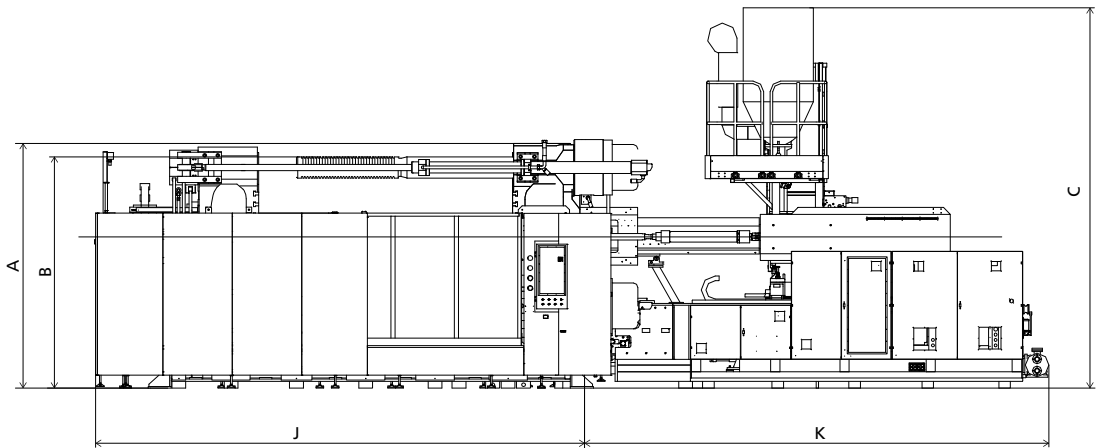


Robot

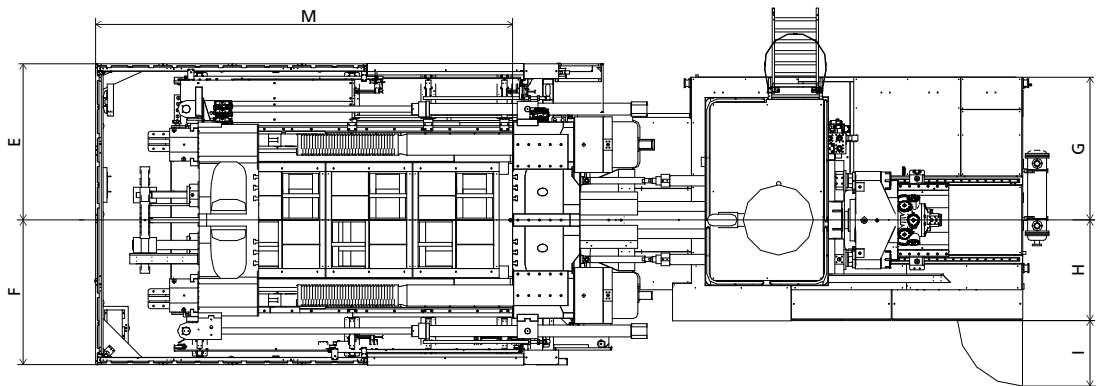
Top view fixed platen



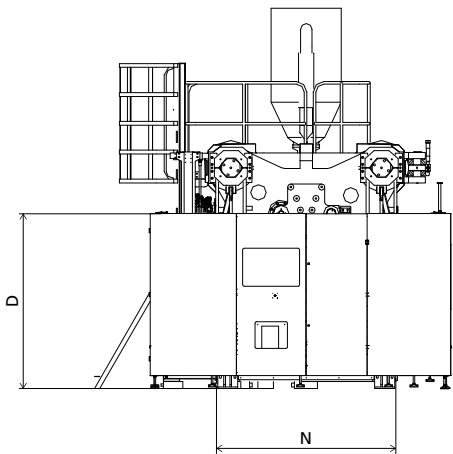
Front view



Top view



Side view



Standard

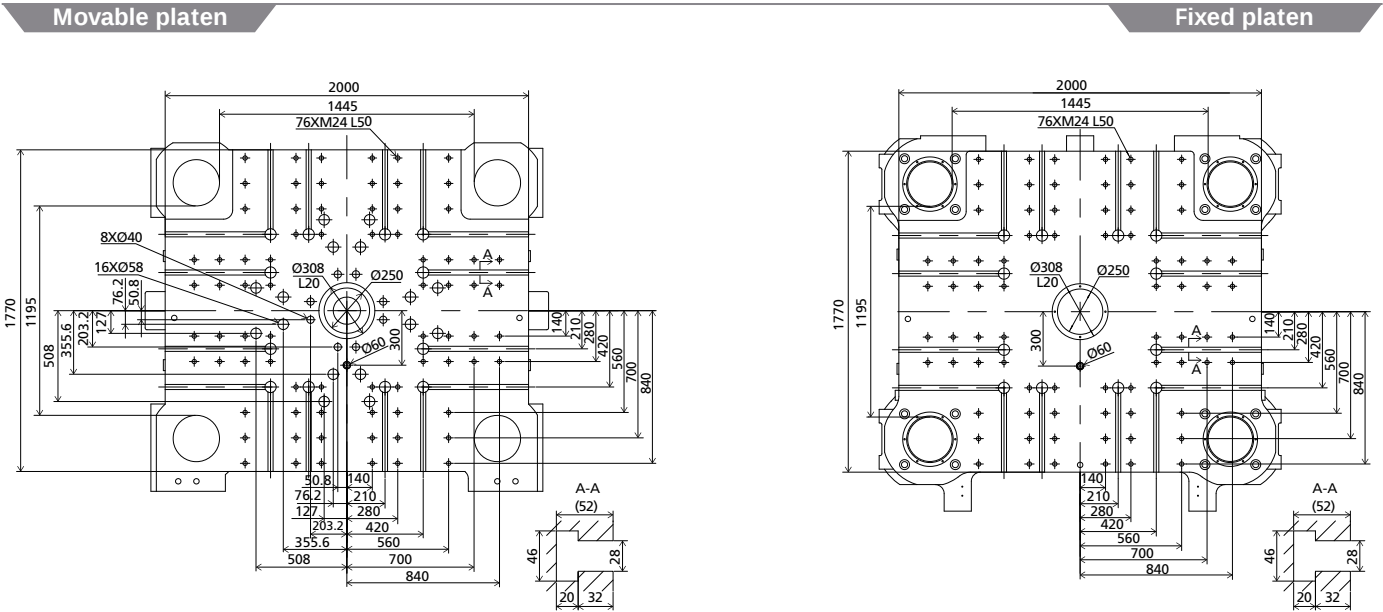
	INJECTION UNIT												DIMENSIONS (mm)
	A	B	C	D	E	F	G	H	I	J	K	M	N
11300	3175	2985	4420	2270	2149	1999	1318	1282	745	6306	5821	5321	2390
17300	3175	2985	4700	2270	2149	1999	1855	1305	850	6306	5971	5321	2390
22300	3175	2985	4685	2270	2149	1999	1925	1435	850	6306	6443	5321	2390
32300	3175	2985	4695	2270	2149	1999	1925	1435	850	6306	7431	5321	2390

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

Platen Layout **JU10800W**

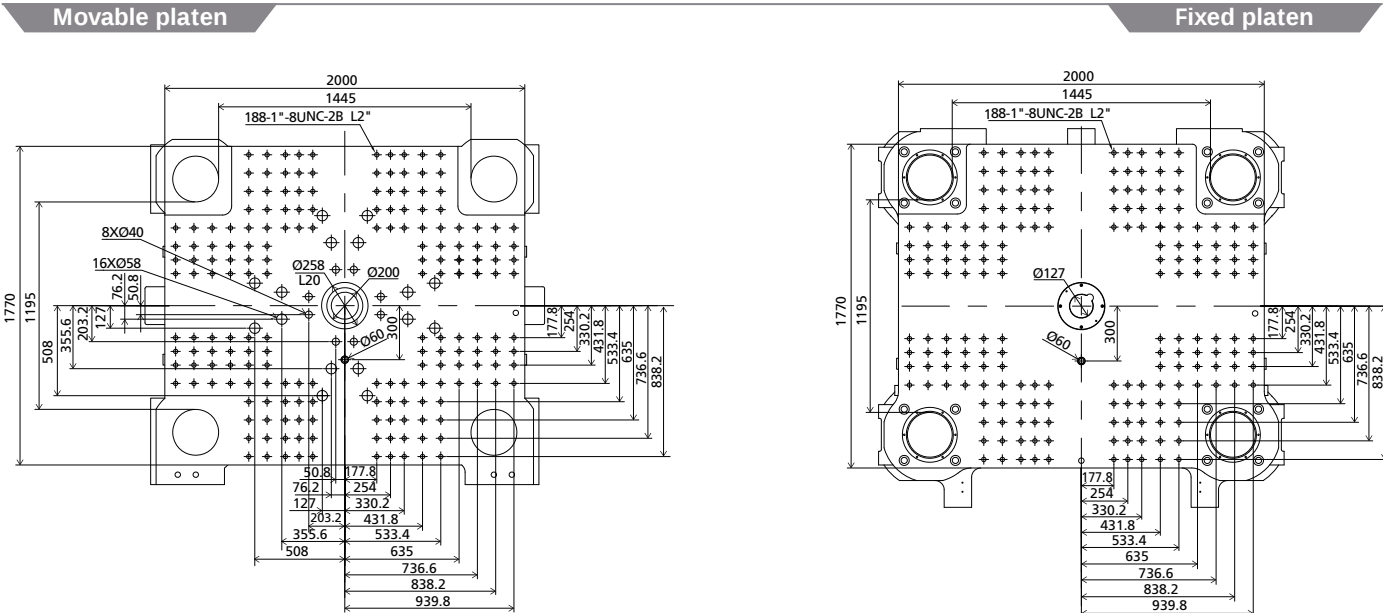
European version

unit: mm



American version

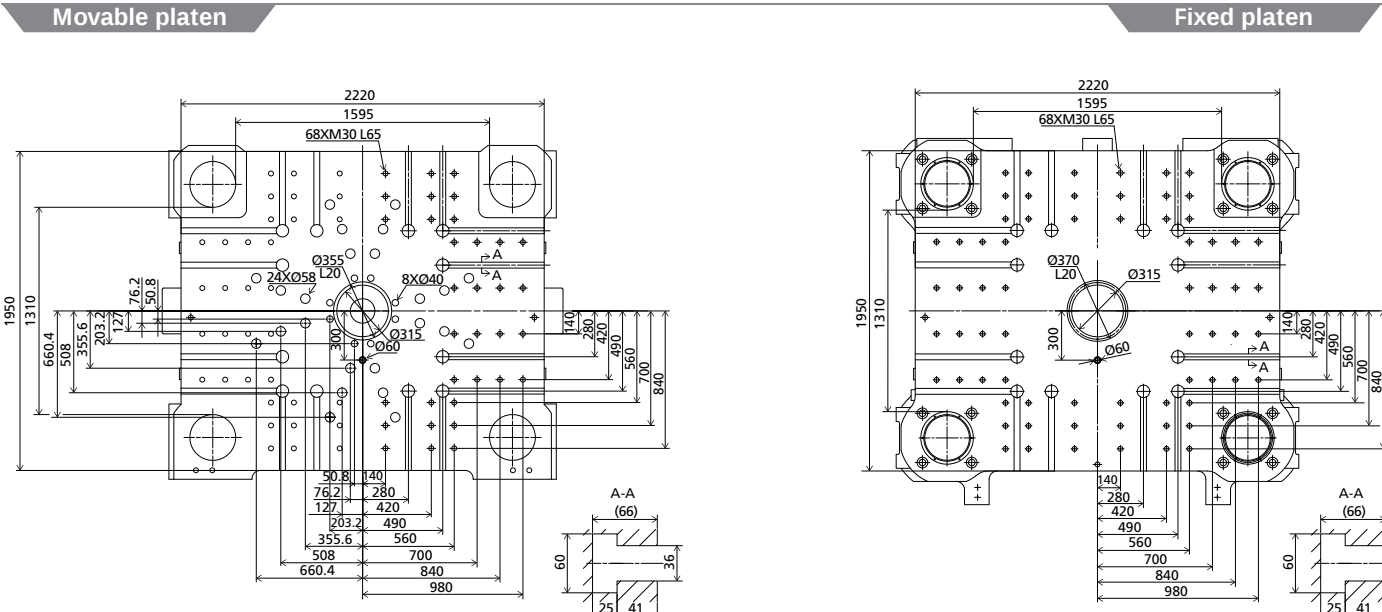
unit: mm



Platen Layout **JU13000W**

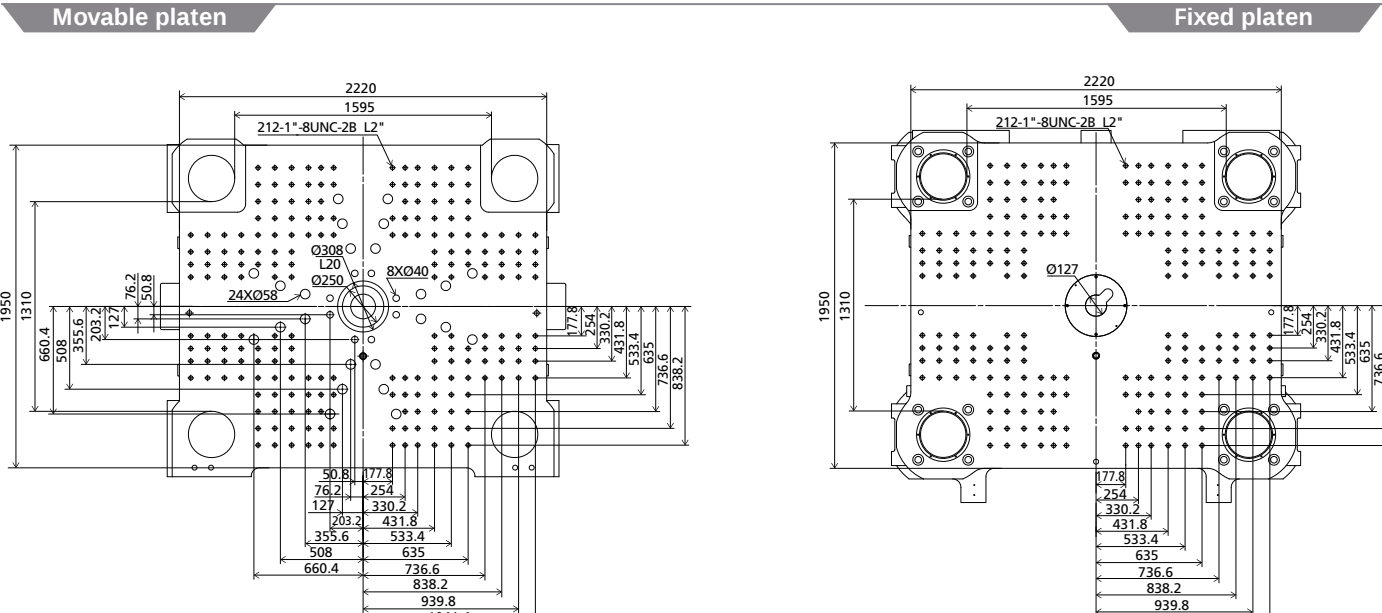
European version

unit: mm



American version

unit: mm



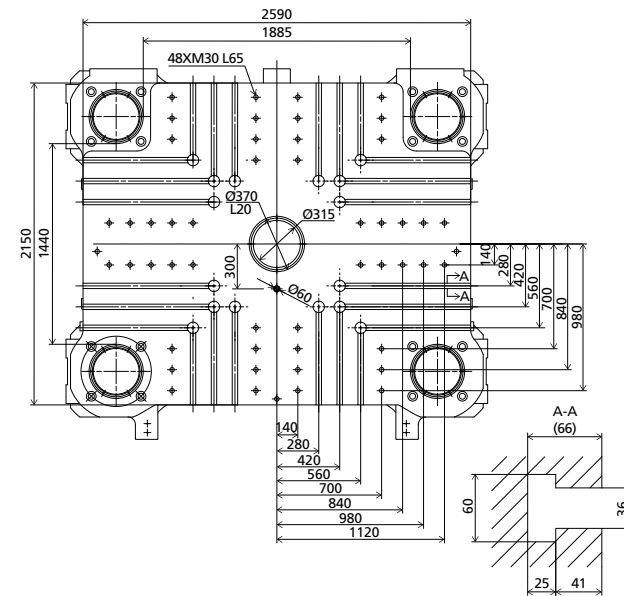
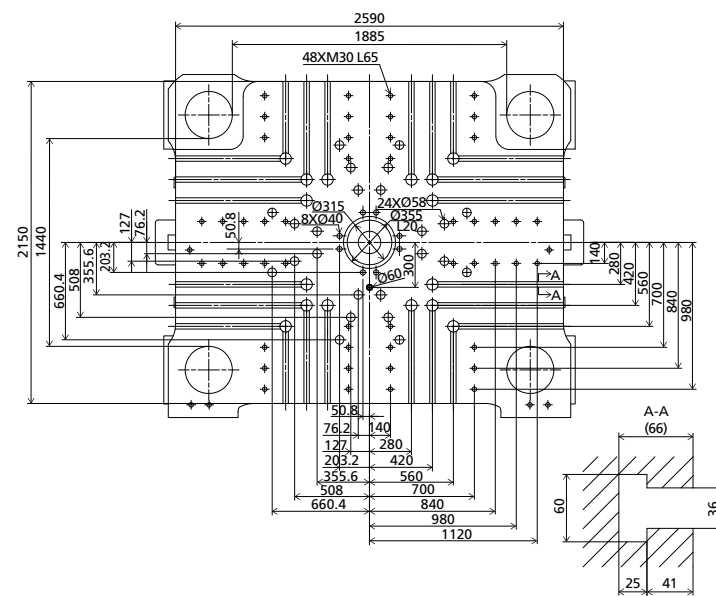
Platen Layout **JU16000W**

European version

unit: mm

Movable platen

Fixed platen

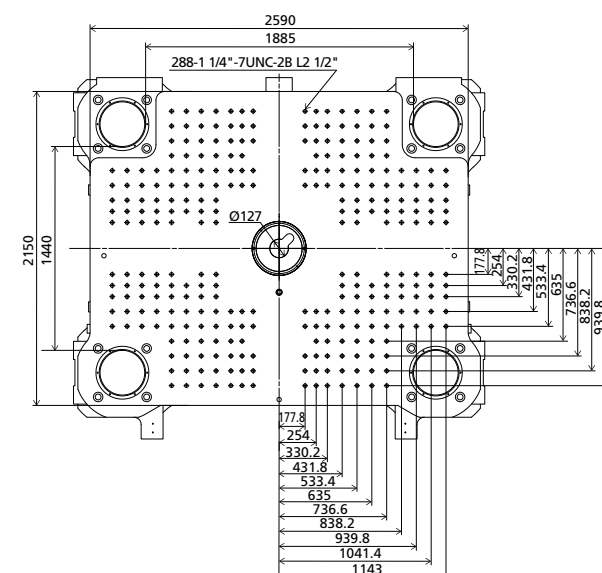
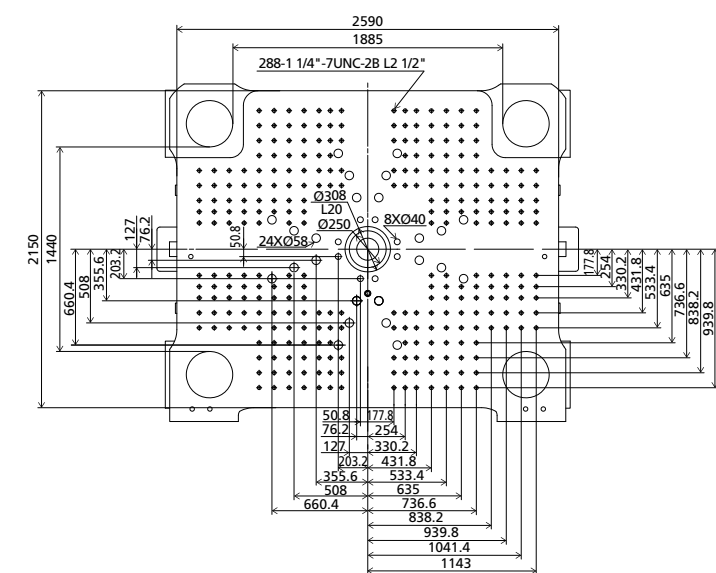


American version

unit: mm

Movable platen

Fixed platen



NOTE:

NOTE:

Handwriting practice area for page 18, consisting of 20 horizontal dashed lines.

NOTE:

Handwriting practice area for page 19, consisting of 20 horizontal dashed lines.