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ZF 20200702-IV

JENIUS III

SPECIFICATION | INTERNATIONAL
12,000 – 33,000 kN



TECHNICAL DATA JE12000 III

		JE12000 III									
CLAMPING UNIT	Clamping force	kN	12000								
	Dist. between tie bars (H×V)	mm	1300×1200								
	Mold height max.	mm	1250								
	Mold height min.	mm	600								
	Ejector stroke	mm	350								
	Ejector force	kN	230								
	Max. daylight	mm	2650								
	Mold opening stroke ¹	mm	2050/1400								
	Max. mold weight ²	t	20								
	Min. mold dimension	mm	910×840								
Size of mold platen (H×V)	mm	1860×1760									
INJECTION UNIT			3350			5200			7000		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm		75	80	90	80	90	100	90	100	110
Screw L/D ratio	L/D		21.3	20	17.8	24.8	22	19.8	24.4	22	20
Injection volume (theoretical) ³	cm ³		1634	1859	2353	2261	2862	3534	2989	3691	4466
Injection weight (PS) ⁴	g		1487	1692	2141	2058	2605	3216	2720	3359	4064
Injection speed	mm/s		130			120			120		
Injection rate (PS)	g/s		501	570	722	527	667	823	667	823	996
Injection pressure ⁵	MPa		205	180	142	227	180	145	234	190	157
	bar		2050	1800	1420	2270	1800	1450	2340	1900	1570
Holding pressure ⁵	MPa		185	162	128	204	162	131	200	162	134
	bar		1850	1620	1280	2040	1620	1310	2000	1620	1340
Screw speed	rpm		185			160			150		
Plasticizing rate (GPPS) ⁶	g/s		62	80	100	78	98	120	100	120	145
Plasticizing rate (HDPE) ⁷	g/s		93	115	150	115	146	180	147	180	214
Nozzle contact force	kN		94.8			94.8			94.8		
Heating power	kW		45			54.3			75.6		
Connection power	kW/A		107/179			141/237			155/259		
Hopper capacity	kg		100			100			100		
Machine dimension	m		10.85×3.36×2.88			10.85×3.36×2.88			10.85×3.36×2.88		
Oil tank	l		830			830			830		
Machine weight	t		52			55			62		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

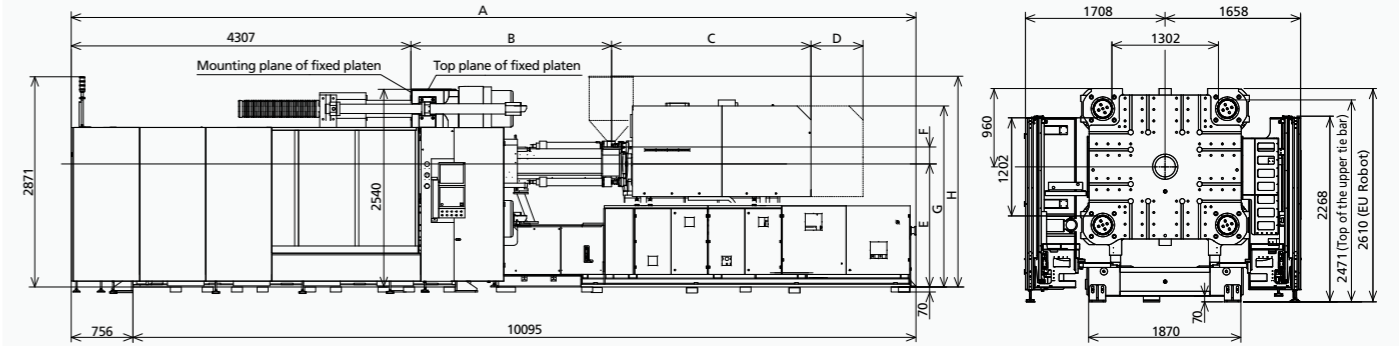
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

⁶ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

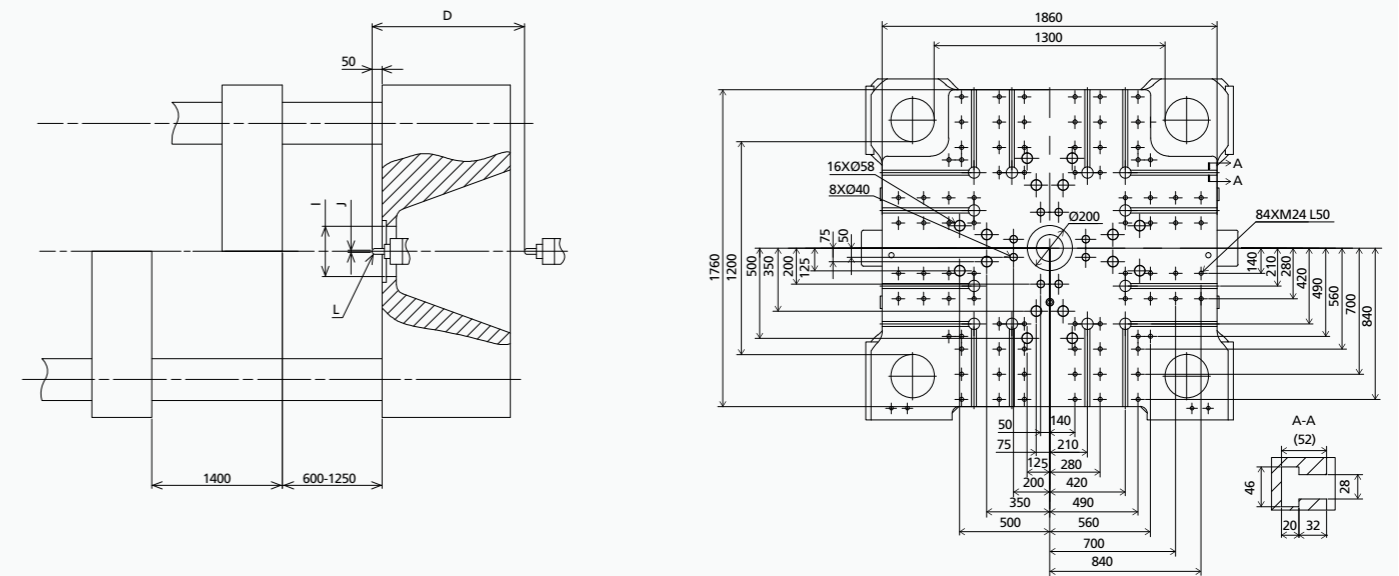
This parameter table is based on machine standard configuration;
We reserve the right to make changes as a result of further technical advantages.

MACHINE DIMENSIONS

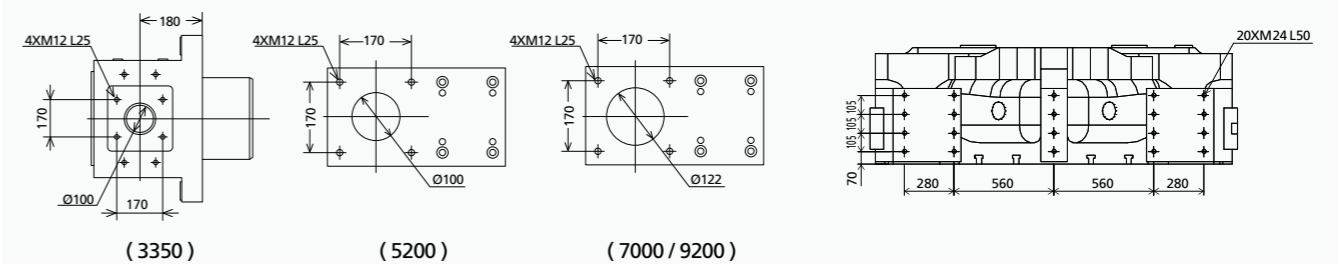


	A	B	C	D	E	F	G	H	I	J	L
3350	10851	1821	2064	760	1580	307	2242	2595	250	Ø4	SR15
5200	10851	2256	2310	760	1580	215	2352	2790	250	Ø4	SR15
7000	10851	2504	2734	760	1580	233	2352	2807	250	Ø6	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



TECHNICAL DATA JE13000 III

		JE13000 III									
CLAMPING UNIT	Clamping force	kN	13000								
	Dist. between tie bars (H×V)	mm	1420×1170								
	Mold height max.	mm	1350								
	Mold height min.	mm	600								
	Ejector stroke	mm	350								
	Ejector force	kN	230								
	Max. daylight	mm	2850								
	Mold opening stroke ¹	mm	2250/1500								
	Max. mold weight ²	t	23								
	Min. mold dimension	mm	990×820								
Size of mold platen (H×V)	mm	2000×1770									
INJECTION UNIT			5200			7000			9200		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm		80	90	100	90	100	110	100	110	120
Screw L/D ratio	L/D		24.8	22	19.8	24.4	22	20	24.2	22	20.2
Injection volume (theoretical) ³	cm ³		2261	2862	3534	2989	3691	4466	4005	4846	5767
Injection weight (PS) ⁴	g		2058	2605	3216	2720	3359	4064	3644	4410	5248
Injection speed	mm/s		120			120			120		
Injection rate (PS)	g/s		527	667	823	667	823	996	823	996	1186
Injection pressure ⁵	MPa		227	180	145	234	190	157	230	190	160
	bar		2270	1800	1450	2340	1900	1570	2300	1900	1600
Holding pressure ⁵	MPa		204	162	131	200	162	134	202	167	141
	bar		2040	1620	1310	2000	1620	1340	2020	1670	1410
Screw speed	rpm		160			150			150		
Plasticizing rate (GPPS) ⁶	g/s		78	98	120	100	120	145	130	156	180
Plasticizing rate (HDPE) ⁷	g/s		115	146	180	147	180	214	190	228	260
Nozzle contact force	kN		94.8			94.8			94.8		
Heating power	kW		54.3			75.6			82.8		
Connection power	kW/A		141/237			155/259			178/299		
Hopper capacity	kg		100			100			200		
Machine dimension	m		11.16×3.52×2.88			11.16×3.52×2.88			11.16×3.52×2.88		
Oil tank	l		830			830			830		
Machine weight	t		60			67			68		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

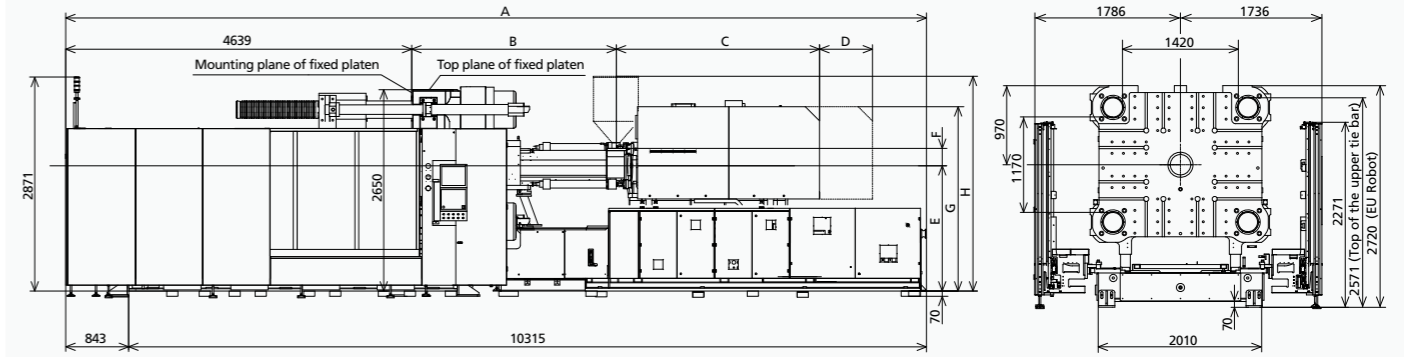
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

⁶ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

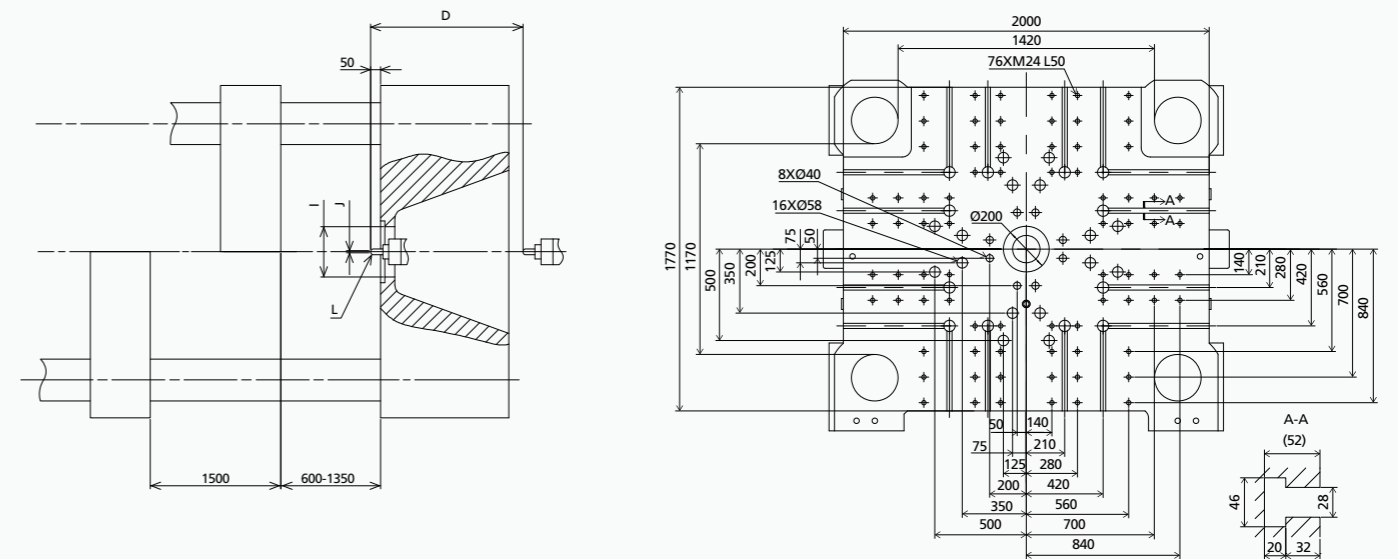
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MACHINE DIMENSIONS

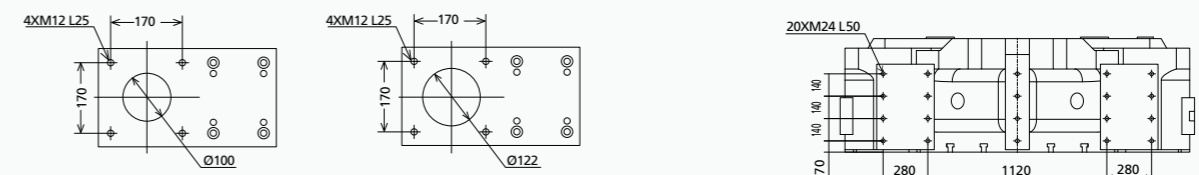


	A	B	C	D	E	F	G	H	I	J	L
5200	11158	2256	2311	850	1680	215	2452	2890	250	Ø4	SR15
7000	11158	2504	2734	850	1680	233	2452	2907	250	Ø6	SR20
9200	11158	2730	2734	850	1680	233	2452	2907	250	Ø6	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



(5200)

(7000 / 9200)

TECHNICAL DATA JE14000 III

		JE14000 III									
CLAMPING UNIT	Clamping force	kN	14000								
	Dist. between tie bars (H×V)	mm	1460×1360								
	Mold height max.	mm	1450								
	Mold height min.	mm	700								
	Ejector stroke	mm	400								
	Ejector force	kN	330								
	Max. daylight	mm	3050								
	Mold opening stroke ¹	mm	2350/1600								
	Max. mold weight ²	t	27								
	Min. mold dimension	mm	1020×950								
Size of mold platen (H×V)	mm	2072×1972									
INJECTION UNIT			5200			7000			9200		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm		80	90	100	90	100	110	100	110	120
Screw L/D ratio	L/D		24.8	22	19.8	24.4	22	20	24.2	22	20.2
Injection volume (theoretical) ³	cm ³		2261	2862	3534	2989	3691	4466	4005	4846	5767
Injection weight (PS) ⁴	g		2058	2605	3216	2720	3359	4064	3644	4410	5248
Injection speed	mm/s		120			120			120		
Injection rate (PS)	g/s		527	667	823	667	823	996	823	996	1186
Injection pressure ⁵	MPa		227	180	145	234	190	157	230	190	160
	bar		2270	1800	1450	2340	1900	1570	2300	1900	1600
Holding pressure ⁵	MPa		204	162	131	200	162	134	202	167	141
	bar		2040	1620	1310	2000	1620	1340	2020	1670	1410
Screw speed	rpm		160			150			150		
Plasticizing rate (GPPS) ⁶	g/s		78	98	120	100	120	145	130	156	180
Plasticizing rate (HDPE) ⁷	g/s		115	146	180	147	180	214	190	228	260
Nozzle contact force	kN		94.8			94.8			94.8		
Heating power	kW		54.3			75.6			82.8		
Connection power	kW/A		141/237			155/259			178/299		
Hopper capacity	kg		100			100			200		
Machine dimension	m		11.53×3.6×2.88			11.53×3.6×2.88			11.53×3.6×2.88		
Oil tank	l		830			830			830		
Machine weight	t		68			75			76		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

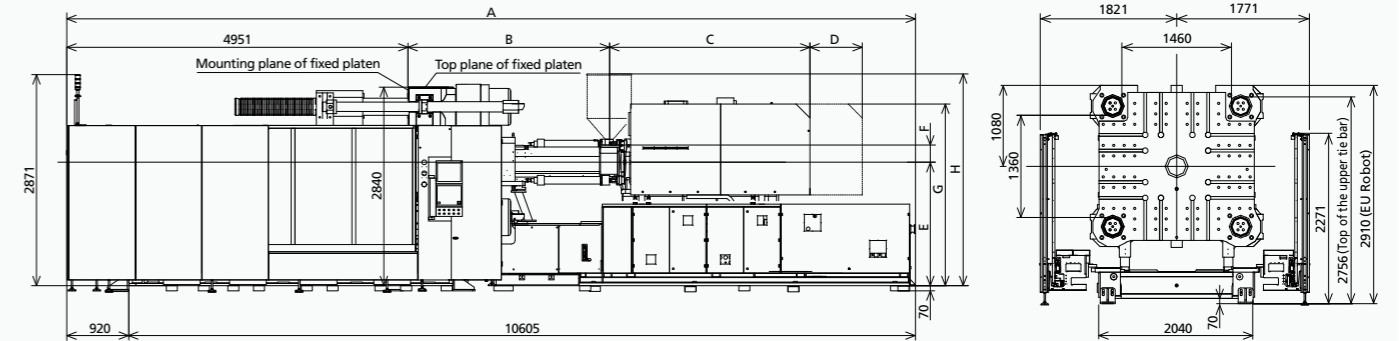
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

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⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

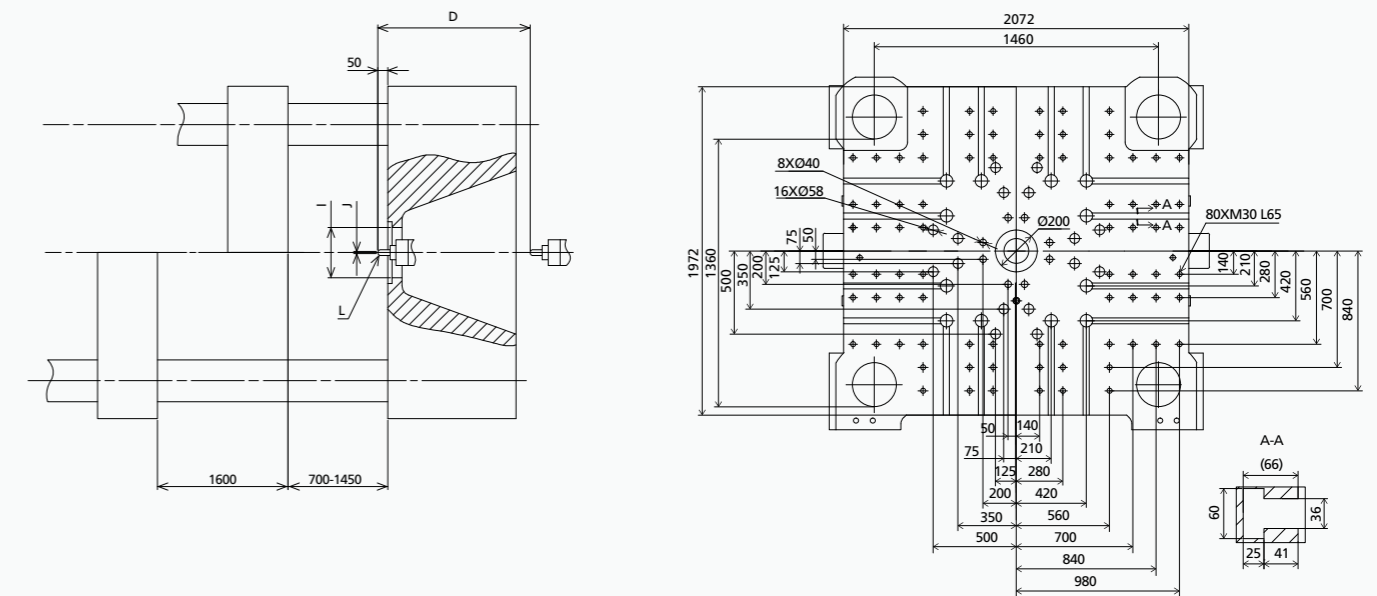
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MACHINE DIMENSIONS

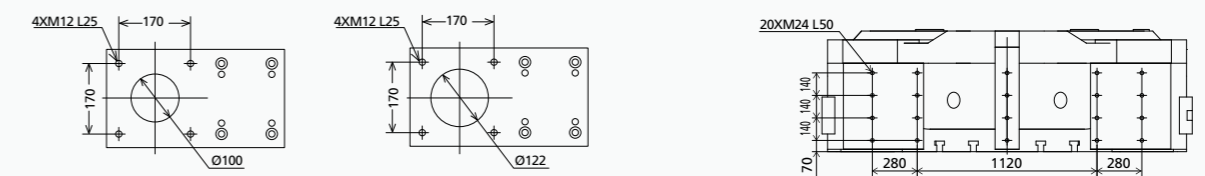


	A	B	C	D	E	F	G	H	I	J	L
5200	11525	2256	2311	850	1760	215	2532	2970	250	Ø4	SR15
7000	11525	2504	2734	850	1760	233	2532	2987	250	Ø6	SR20
9200	11525	2730	2734	850	1760	233	2532	2987	250	Ø6	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



(5200)

(7000 / 9200)

TECHNICAL DATA JE16000 III

		JE16000 III									
CLAMPING UNIT	Clamping force	kN	16000								
	Dist. between tie bars (H×V)	mm	1570×1285								
	Mold height max.	mm	1550								
	Mold height min.	mm	700								
	Ejector stroke	mm	400								
	Ejector force	kN	330								
	Max. daylight	mm	3250								
	Mold opening stroke ¹	mm	2550/1700								
	Max. mold weight ²	t	33								
	Min. mold dimension	mm	1100×900								
Size of mold platen (H×V)	mm	2220×1950									
INJECTION UNIT			5200			7000			9200		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm		80	90	100	90	100	110	100	110	120
Screw L/D ratio	L/D		24.8	22	19.8	24.4	22	20	24.2	22	20.2
Injection volume (theoretical) ³	cm ³		2261	2862	3534	2989	3691	4466	4005	4846	5767
Injection weight (PS) ⁴	g		2058	2605	3216	2720	3359	4064	3644	4410	5248
Injection speed	mm/s		120			120			120		
Injection rate (PS)	g/s		527	667	823	667	823	996	823	996	1186
Injection pressure ⁵	MPa		227	180	145	234	190	157	230	190	160
	bar		2270	1800	1450	2340	1900	1570	2300	1900	1600
Holding pressure ⁵	MPa		204	162	131	200	162	134	202	167	141
	bar		2040	1620	1310	2000	1620	1340	2020	1670	1410
Screw speed	rpm		160			150			150		
Plasticizing rate (GPPS) ⁶	g/s		78	98	120	100	120	145	130	156	180
Plasticizing rate (HDPE) ⁷	g/s		115	146	180	147	180	214	190	228	260
Nozzle contact force	kN		94.8			94.8			94.8		
Heating power	kW		54.3			75.6			82.8		
Connection power	kW/A		141/237			155/259			178/299		
Hopper capacity	kg		100			100			200		
Machine dimension	m		11.73×3.77×3.00			11.73×3.77×3.00			11.73×3.77×3.00		
Oil tank	l		1080			1080			1080		
Machine weight	t		79			86			87		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

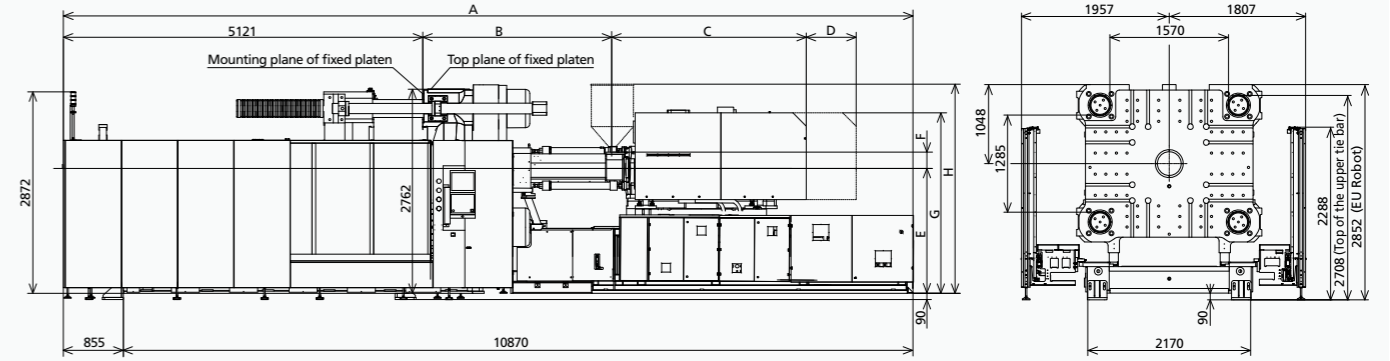
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

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⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

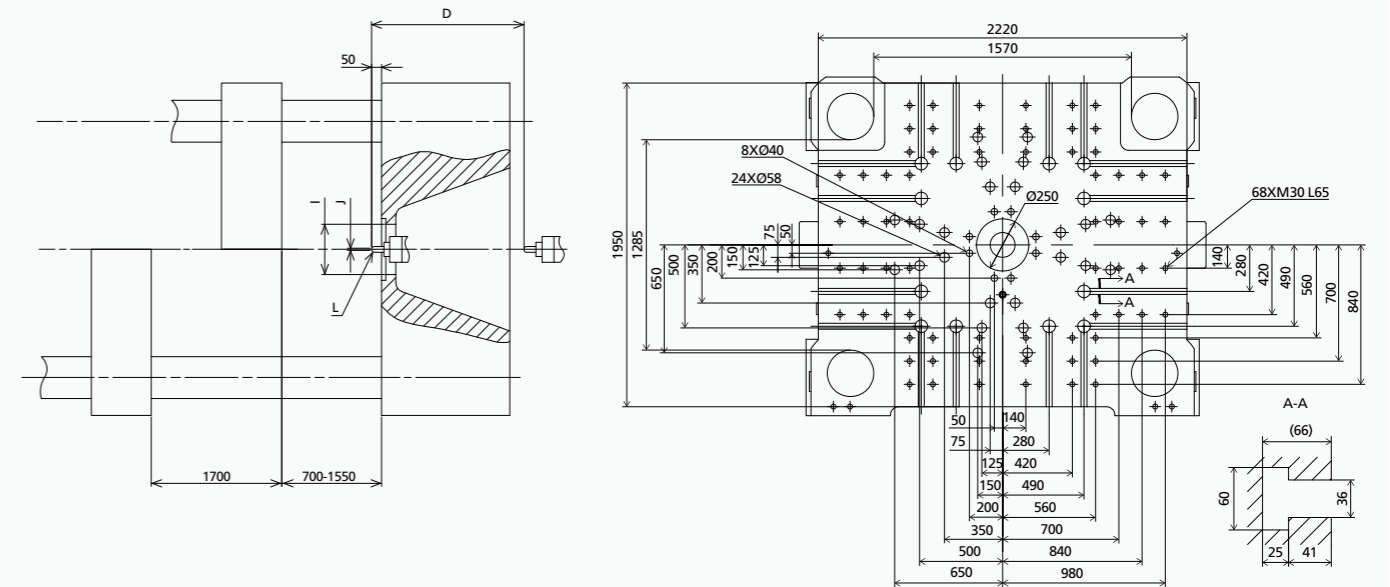
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MACHINE DIMENSIONS

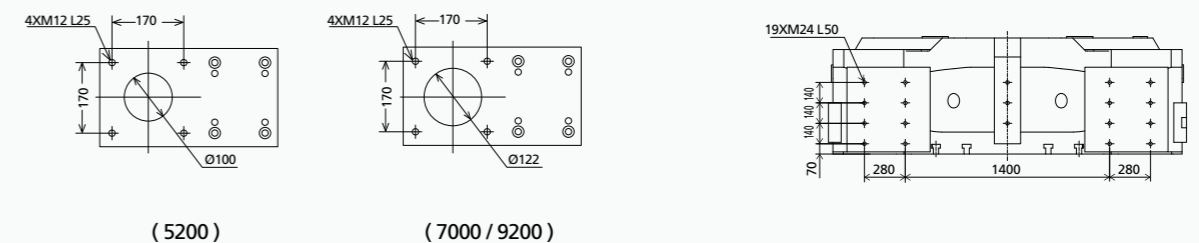


	A	B	C	D	E	F	G	H	I	J	L
5200	11725	2256	2311	935	1780	215	2552	2990	315	Ø4	SR15
7000	11725	2504	2734	935	1780	233	2552	3007	315	Ø6	SR20
9200	11725	2730	2734	935	1780	233	2552	3007	315	Ø6	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



(5200)

(7000 / 9200)

TECHNICAL DATA JE18500 III

		JE18500 III									
CLAMPING UNIT	Clamping force	kN	18500								
	Dist. between tie bars (H×V)	mm	1870×1425								
	Mold height max.	mm	1600								
	Mold height min.	mm	750								
	Ejector stroke	mm	450								
	Ejector force	kN	450								
	Max. daylight	mm	3350								
	Mold opening stroke ¹	mm	2600/1750								
	Max. mold weight ²	t	40								
	Min. mold dimension	mm	1310×995								
Size of mold platen (H×V)	mm	2590×2150									
INJECTION UNIT			9200			12800			17800		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm		100	110	120	110	120	130	130	140	150
Screw L/D ratio	L/D		24.2	22	20.2	26.2	24	22.2	24	22.3	20.8
Injection volume (theoretical) ³	cm ³		4005	4846	5767	5226	6220	7300	8361	9697	11132
Injection weight (PS) ⁴	g		3644	4410	5248	4756	5660	6643	7609	8825	10130
Injection speed	mm/s		120			130			130		
Injection rate (PS)	g/s		823	996	1186	1079	1284	1507	1507	1748	2006
Injection pressure ⁵	MPa		230	190	160	230	205	175	213	184	160
	bar		2300	1900	1600	2300	2050	1750	2130	1840	1600
Holding pressure ⁵	MPa		202	167	141	207	184	158	191	165	144
	bar		2020	1670	1410	2070	1840	1580	1910	1650	1440
Screw speed	rpm		150			140			120		
Plasticizing rate (GPPS) ⁶	g/s		130	156	180	163	189	218	198	226	258
Plasticizing rate (HDPE) ⁷	g/s		190	228	260	250	290	320	297	333	396
Nozzle contact force	kN		94.8			136.1			136.1		
Heating power	kW		82.8			104			115.5		
Connection power	kW/A		178/299			246/412			306/514		
Hopper capacity	kg		200			200			200		
Machine dimension	m		13.24×4.15×3.18			13.24×4.15×3.18			13.24×4.15×3.18		
Oil tank	l		1100			1100			1100		
Machine weight	t		102			114			116		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

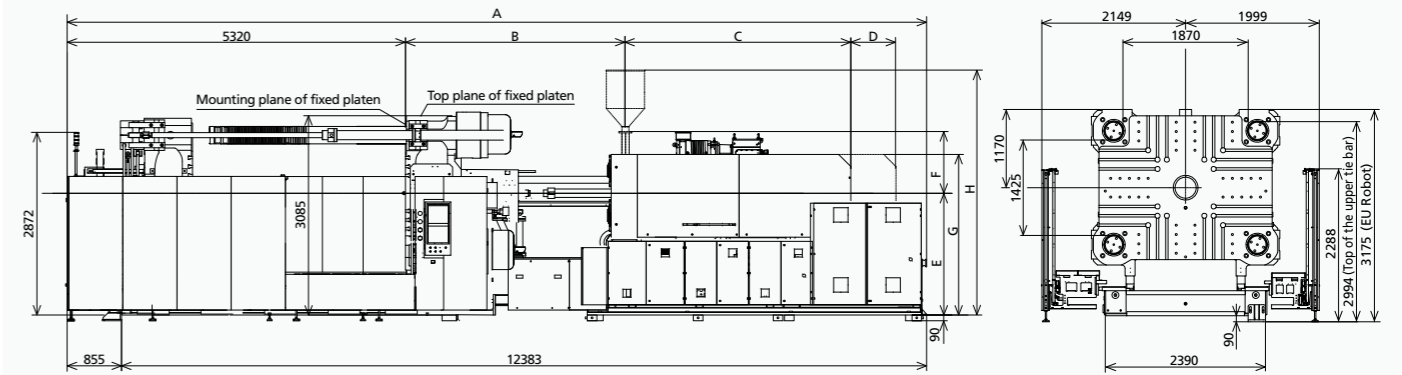
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

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⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

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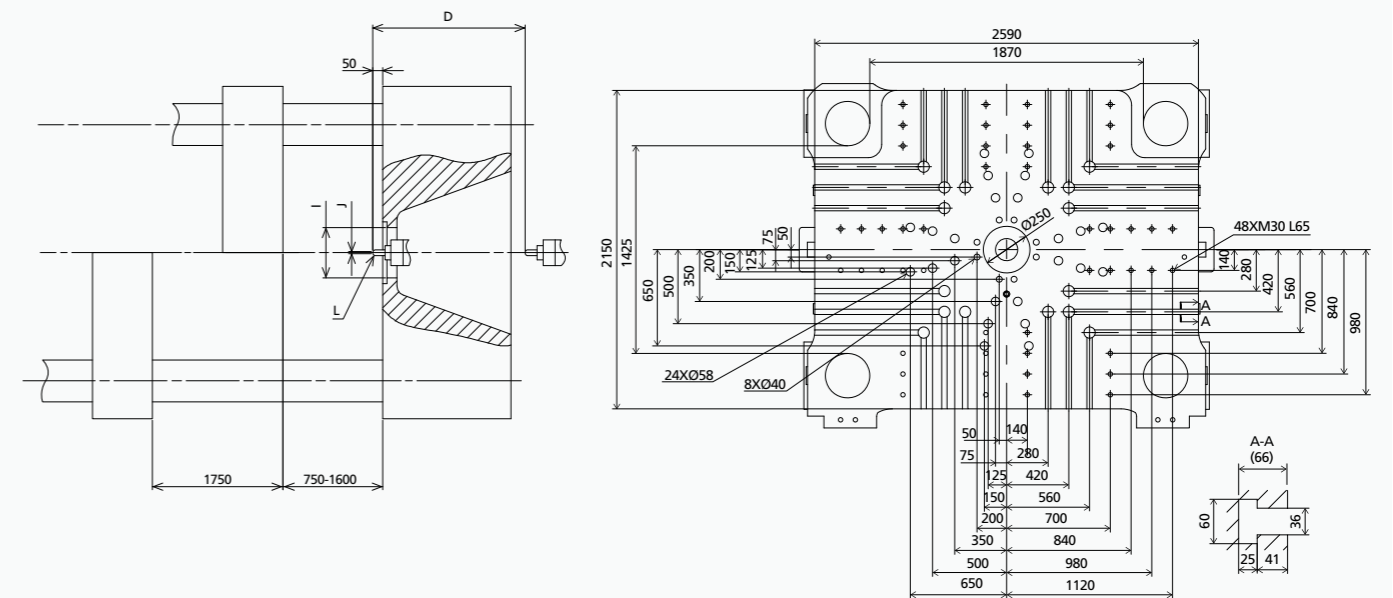
MACHINE DIMENSIONS



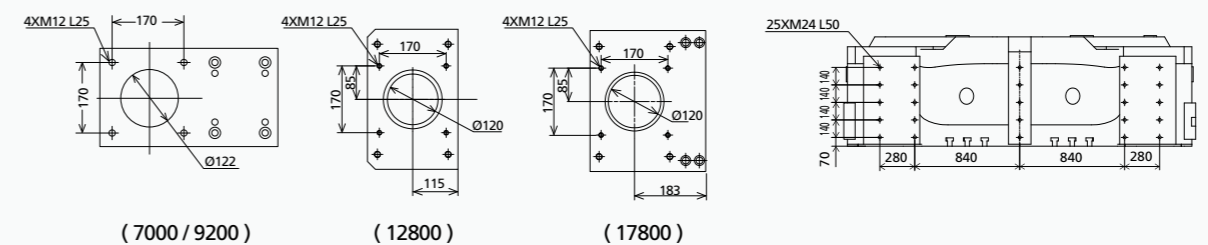
The above-mentioned figures of the machine do not apply to the injection unit of 9200 and above.

	A	B	C	D	E	F	G	H	I	J	L
12800	13238	3189	3550	1080	1915	970	2485	3812	315	Ø6	SR20
17800	13238	3453	3550	1080	1915	970	2485	3812	315	Ø8	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



(7000 / 9200)

(12800)

(17800)

TECHNICAL DATA JE21000 III

		JE21000 III									
CLAMPING UNIT	Clamping force	kN	21000								
	Dist. between tie bars (H×V)	mm	1800×1600								
	Mold height max.	mm	1700								
	Mold height min.	mm	800								
	Ejector stroke	mm	450								
	Ejector force	kN	450								
	Max. daylight	mm	3500								
	Mold opening stroke ¹	mm	2700/1800								
	Max. mold weight ²	t	50								
	Min. mold dimension	mm	1260×1120								
Size of mold platen (H×V)	mm	2540×2340									
INJECTION UNIT			9200			12800			17800		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm	100	110	120	110	120	130	130	140	150	
Screw L/D ratio	L/D	24.2	22	20.2	26.2	24	22.2	24	22.3	20.8	
Injection volume (theoretical) ³	cm ³	4005	4846	5767	5226	6220	7300	8361	9697	11132	
Injection weight (PS) ⁴	g	3644	4410	5248	4756	5660	6643	7609	8825	10130	
Injection speed	mm/s		120			130			130		
Injection rate (PS)	g/s	823	996	1186	1079	1284	1507	1507	1748	2006	
Injection pressure ⁵	MPa	230	190	160	230	205	175	213	184	160	
	bar	2300	1900	1600	2300	2050	1750	2130	1840	1600	
Holding pressure ⁵	MPa	202	167	141	207	184	158	191	165	144	
	bar	2020	1670	1410	2070	1840	1580	1910	1650	1440	
Screw speed	rpm		150			140			120		
Plasticizing rate (GPPS) ⁶	g/s	130	156	180	163	189	218	198	226	258	
Plasticizing rate (HDPE) ⁷	g/s	190	228	260	250	290	320	297	333	396	
Nozzle contact force	kN		94.8			136.1			136.1		
Heating power	kW		82.8			104			115.5		
Connection power	kW/A		178/299			246/412			306/514		
Hopper capacity	kg		200			200			200		
Machine dimension	m		13.41×5.24×3.43			13.41×5.24×3.43			13.41×5.24×3.43		
Oil tank	l		1100			1100			1100		
Machine weight	t		112			124			126		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

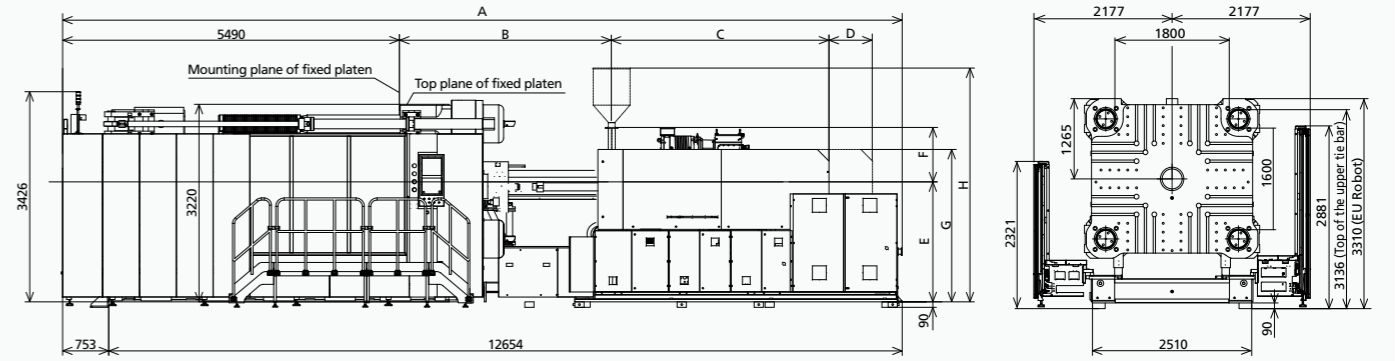
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

⁶ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

This parameter table is based on machine standard configuration;
We reserve the right to make changes as a result of further technical advantages.

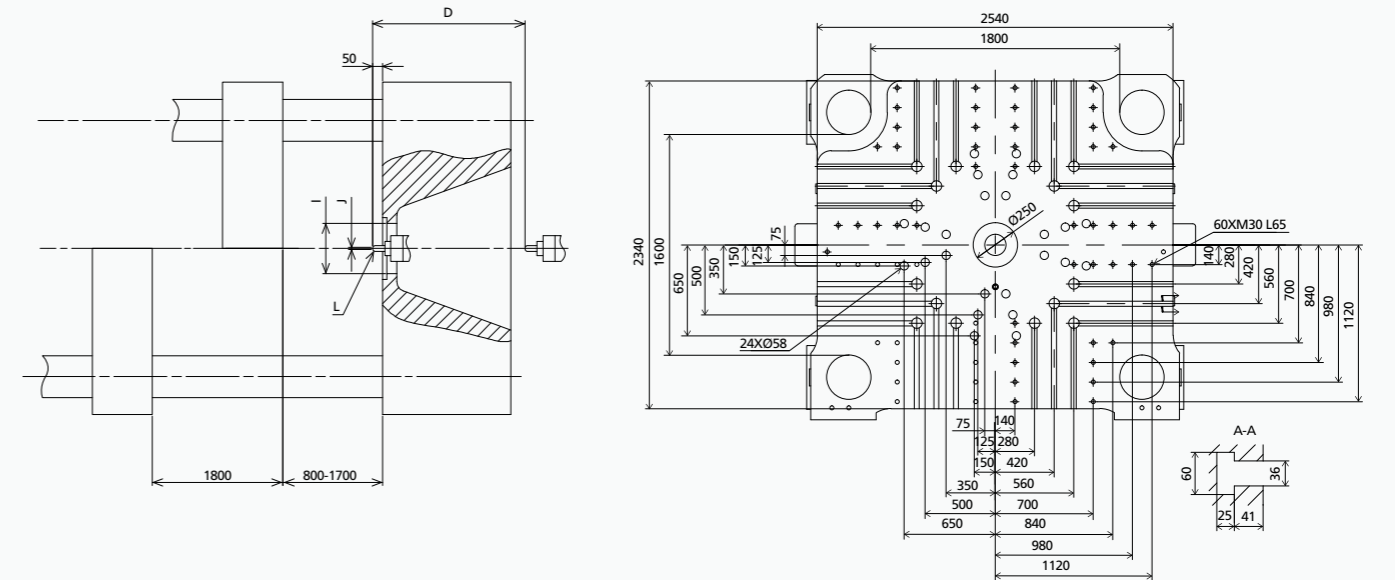
MACHINE DIMENSIONS



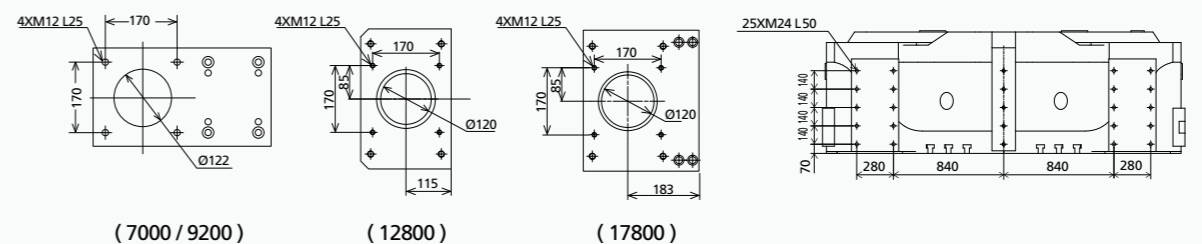
The above-mentioned figures of the machine do not apply to the injection unit of 9200 and above.

	A	B	C	D	E	F	G	H	I	J	L
12800	13407	3189	3550	1080	1955	970	2525	3852	315	Ø6	SR20
17800	13407	3453	3550	1080	1955	970	2525	3852	315	Ø8	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



TECHNICAL DATA JE24000 III

		JE24000 III									
CLAMPING UNIT	Clamping force	kN	24000								
	Dist. between tie bars (H×V)	mm	2020×1620								
	Mold height max.	mm	1800								
	Mold height min.	mm	800								
	Ejector stroke	mm	500								
	Ejector force	kN	450								
	Max. daylight	mm	3800								
	Mold opening stroke ¹	mm	3000/2000								
	Max. mold weight ²	t	59								
	Min. mold dimension	mm	1415×1135								
Size of mold platen (H×V)	mm	2790×2390									
INJECTION UNIT			9200			12800			17800		
			A	B	C	A	B	C	A	B	C
Screw diameter	mm		100	110	120	110	120	130	130	140	150
Screw L/D ratio	L/D		24.2	22	20.2	26.2	24	22.2	24	22.3	20.8
Injection volume (theoretical) ³	cm ³		4005	4846	5767	5226	6220	7300	8361	9697	11132
Injection weight (PS) ⁴	g		3644	4410	5248	4756	5660	6643	7609	8825	10130
Injection speed	mm/s		120			130			130		
Injection rate (PS)	g/s		823	996	1186	1079	1284	1507	1507	1748	2006
Injection pressure ⁵	MPa		230	190	160	230	205	175	213	184	160
	bar		2300	1900	1600	2300	2050	1750	2130	1840	1600
Holding pressure ⁵	MPa		202	167	141	207	184	158	191	165	144
	bar		2020	1670	1410	2070	1840	1580	1910	1650	1440
Screw speed	rpm		150			140			120		
Plasticizing rate (GPPS) ⁶	g/s		130	156	180	163	189	218	198	226	258
Plasticizing rate (HDPE) ⁷	g/s		190	228	260	250	290	320	297	333	396
Nozzle contact force	kN		94.8			136.1			136.1		
Heating power	kW		82.8			104			115.5		
Connection power	kW/A		178/299			246/412			306/514		
Hopper capacity	kg		200			200			200		
Machine dimension	m		14.06×5.46×3.48			14.06×5.46×3.48			14.06×5.46×3.48		
Oil tank	l		1100			1100			1100		
Machine weight	t		130			142			144		

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

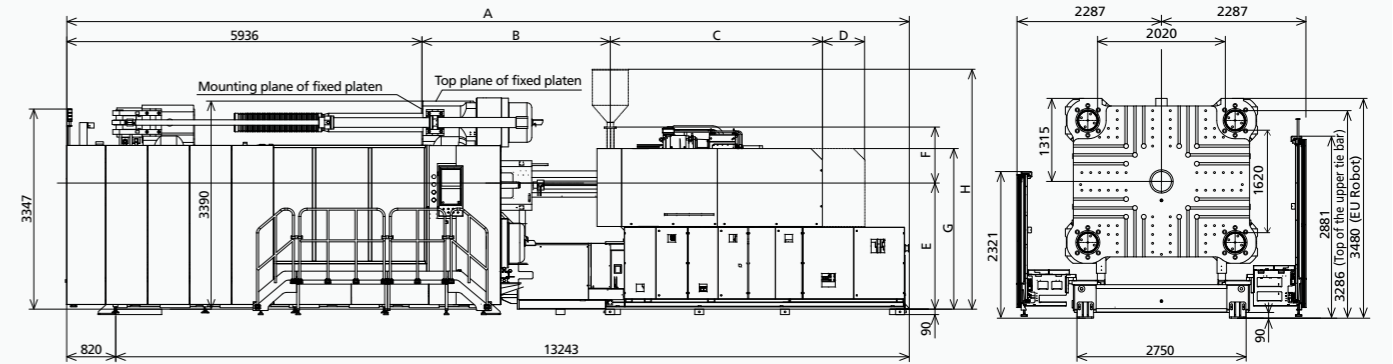
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

⁶ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

This parameter table is based on machine standard configuration;
We reserve the right to make changes as a result of further technical advantages.

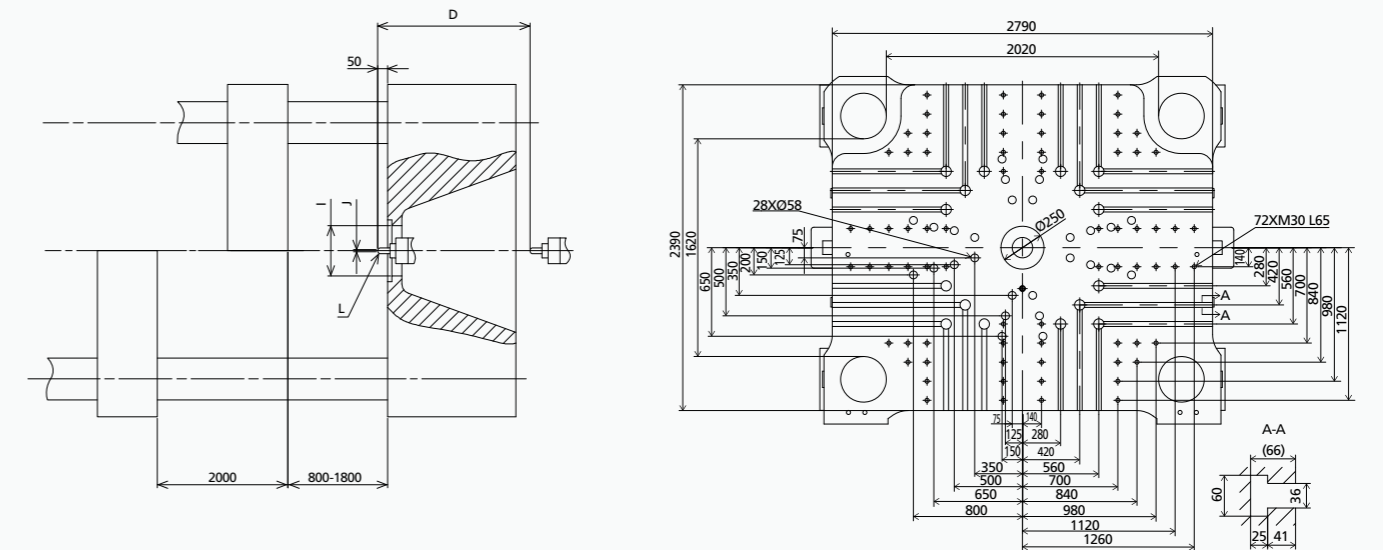
MACHINE DIMENSIONS



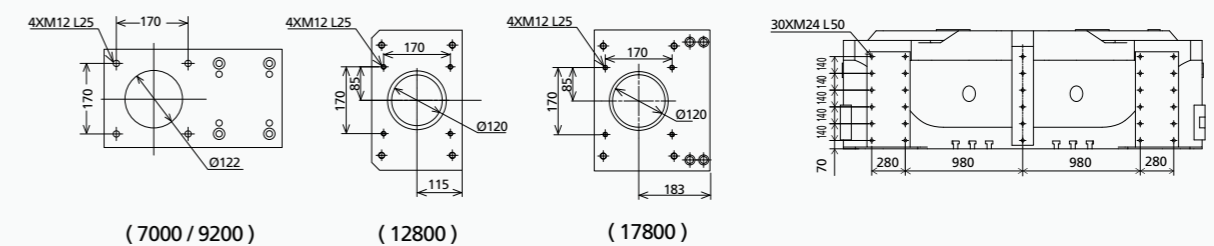
The above-mentioned figures of the machine do not apply to the injection unit of 9200 and above.

	A	B	C	D	E	F	G	H	I	J	L
12800	14063	3189	3550	1080	2110	970	2680	4007	315	Ø6	SR20
17800	14063	3453	3550	1080	2110	970	2680	4007	315	Ø8	SR20

PLATEN DIMENSIONS



OTHERS DIMENSIONS



TECHNICAL DATA JE33000 III

		JE33000 III								
CLAMPING UNIT	Clamping force	kN	33000							
	Dist. between tie bars (H×V)	mm	2270×1900							
	Mold height max.	mm	2000							
	Mold height min.	mm	1000							
	Ejector stroke	mm	550							
	Ejector force	kN	580							
	Max. daylight	mm	4200							
	Mold opening stroke ¹	mm	3200/2200							
	Max. mold weight ²	t	75							
	Min. mold dimension	mm	1590×1330							
Size of mold platen (H×V)	mm	3175×2805								
INJECTION UNIT			12800		17800		22800			
			A	B	C	A	B	C	A	B
Screw diameter	mm		110	120	130	130	140	150	140	150
Screw L/D ratio	L/D		26.2	24	22.2	24	22.3	20.8	24	22.4
Injection volume (theoretical) ³	cm ³		5226	6220	7300	8361	9697	11132	10467	12016
Injection weight (PS) ⁴	g		4756	5660	6643	7609	8825	10130	9525	10934
Injection speed	mm/s		130		130		130			
Injection rate (PS)	g/s		1079	1284	1507	1507	1748	2006	1748	2006
Injection pressure ⁵	MPa		230	205	175	213	184	160	218	190
	bar		2300	2050	1750	2130	1840	1600	2180	1900
Holding pressure ⁵	MPa		207	184	158	191	165	144	196	171
	bar		2070	1840	1580	1910	1650	1440	1960	1710
Screw speed	rpm		140		120		110			
Plasticizing rate (GPPS) ⁶	g/s		163	189	218	198	226	258	200	228
Plasticizing rate (HDPE) ⁷	g/s		250	290	320	297	333	396	314	380
Nozzle contact force	kN		136.1		136.1		136.1			
Heating power	kW		104		115.5		133			
Connection power	kW/A		246/412		306/514		330/554			
Hopper capacity	kg		200		200		200			
Machine dimension	m		15.25×5.92×4.00		15.25×5.92×4.00		15.25×5.92×4.00			
Oil tank	l		1740		1740		1740			
Machine weight	t		192		194		200			

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

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

³ Shot volume is the theoretical calculation value which equals to cross section area of screw cylinder or barrel plunger × screw stroke.

⁴ Shot weight (PS) is the theoretical value converted from shot volume by melt density of PS. It is not measured.

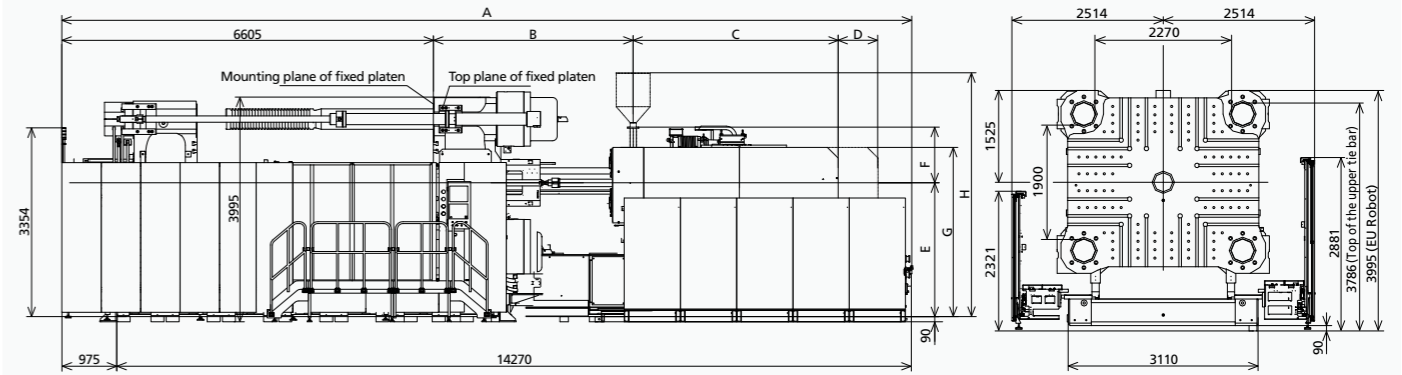
⁵ Injection & holding pressure are theoretical values of machine output, not actual resin pressure.

⁶ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws.

⁷ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws.

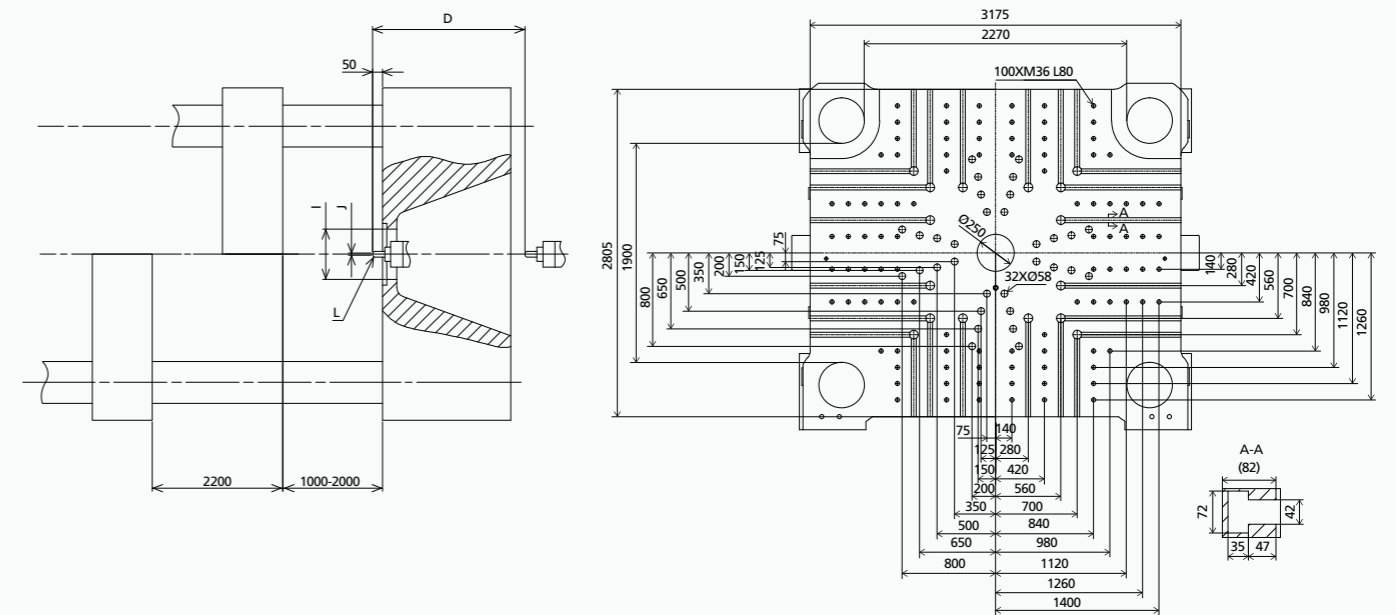
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MACHINE DIMENSIONS

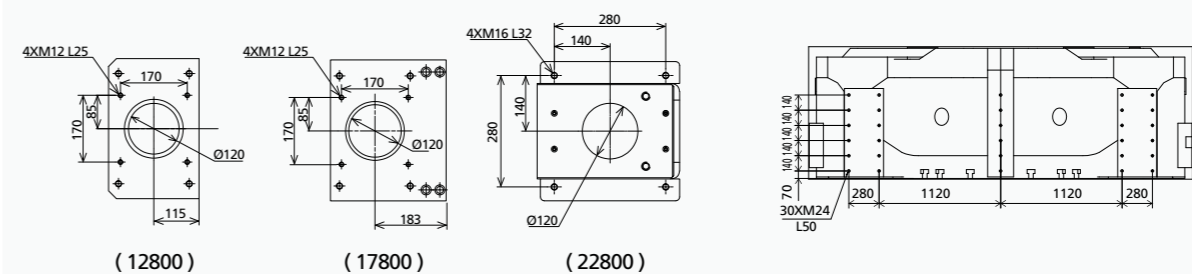


	A	B	C	D	E	F	G	H	I	J	L
12800	15245	3189	3550	1300	2380	970	2950	4277	315	Ø6	SR20
17800	15245	3453	3550	1300	2380	970	2950	4277	315	Ø8	SR20
22800	15245	3726	3522	1300	2380	1210	2950	4517	315	Ø8	SR20

PLATEN DIMENSIONS



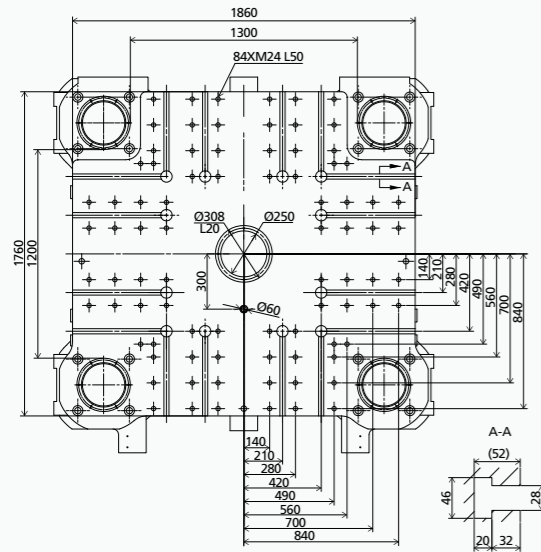
OTHERS DIMENSIONS



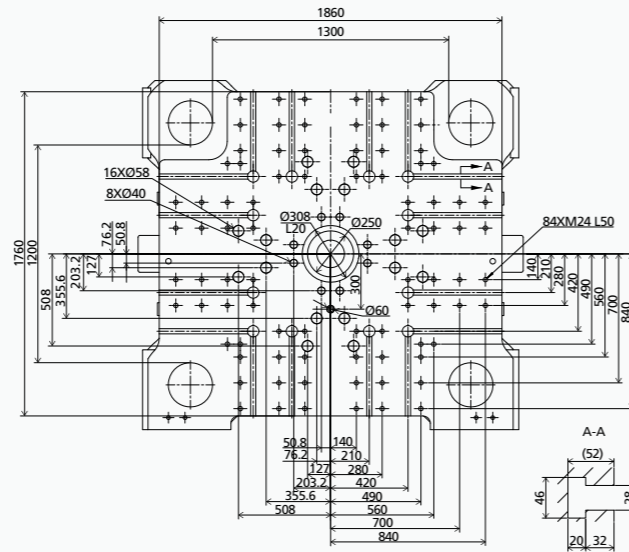
PLATEN LAYOUT JE12000 III

PLATEN LAYOUT JE13000 III

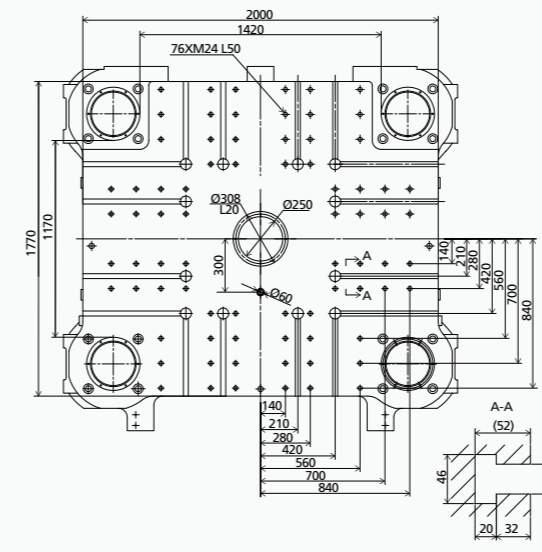
EUROPEAN VERSION
FIXED PLATEN



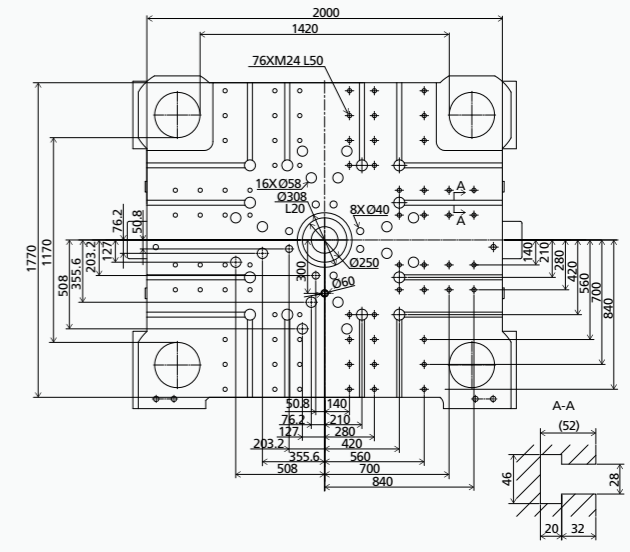
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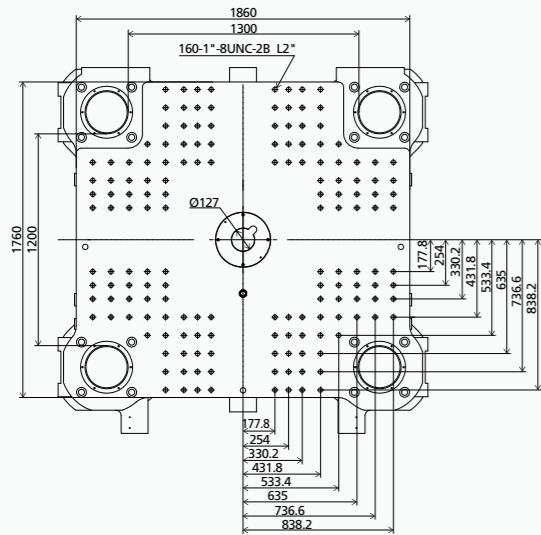
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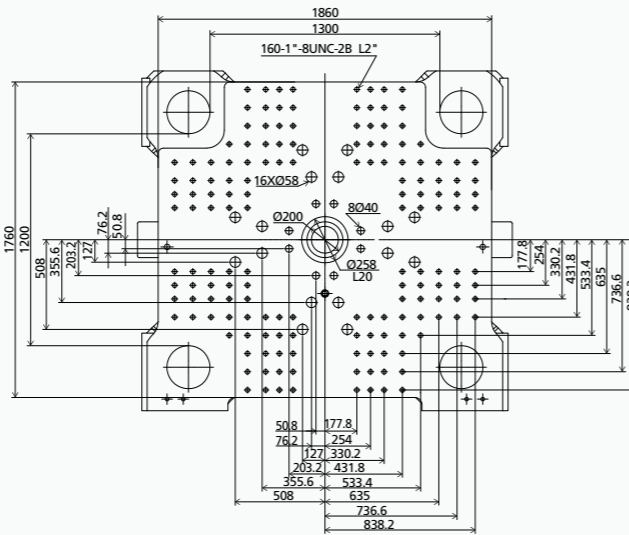
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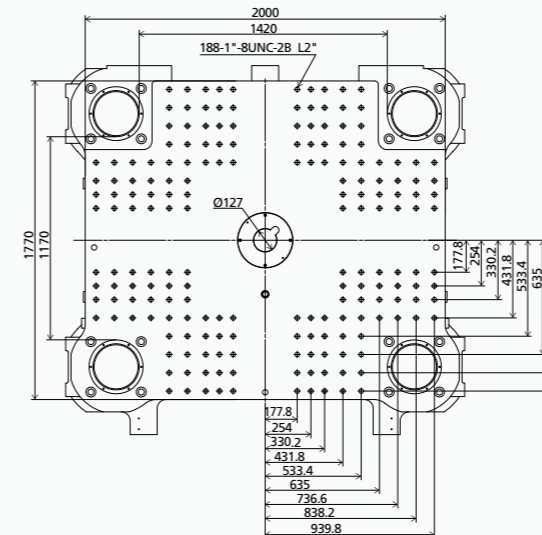
AMERICAN VERSION
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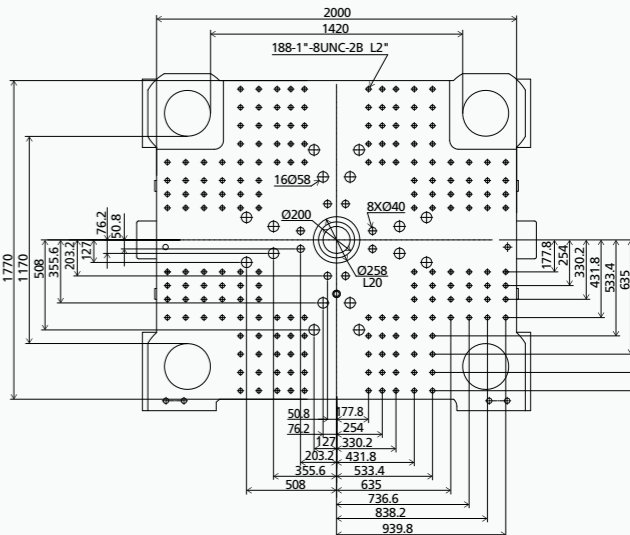
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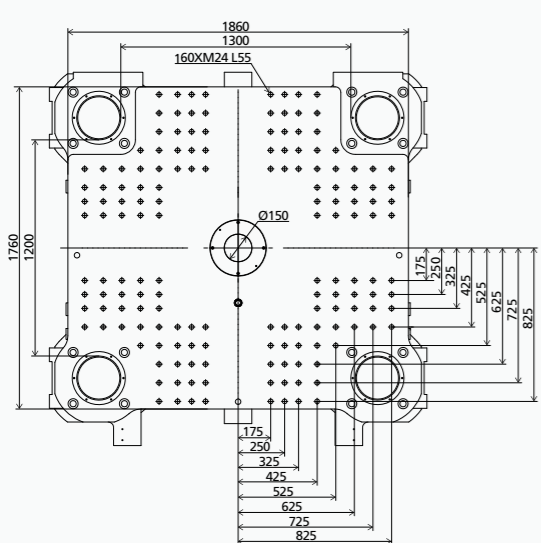
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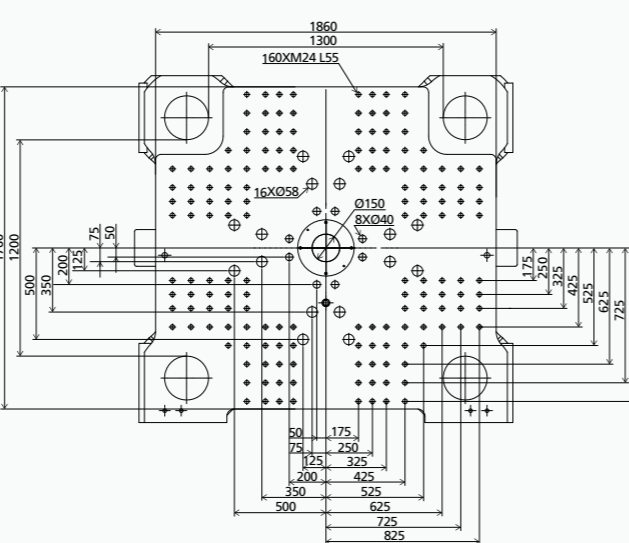
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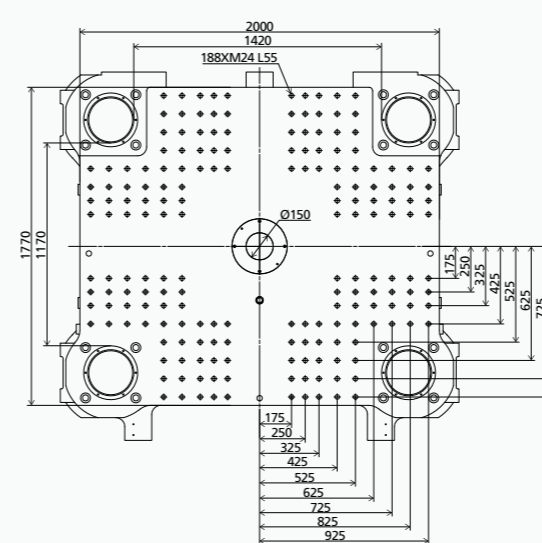
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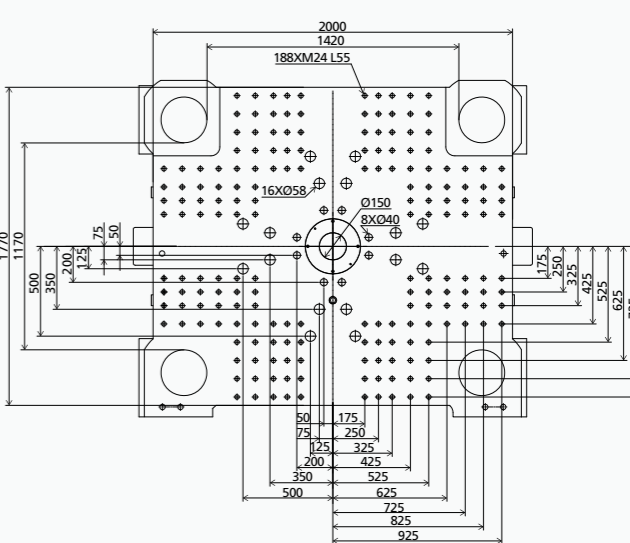
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JAPANESE VERSION
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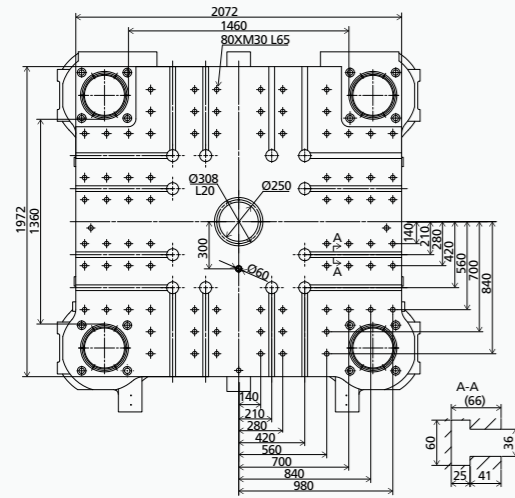


We reserve the right to make changes as a result of further technical advantages.

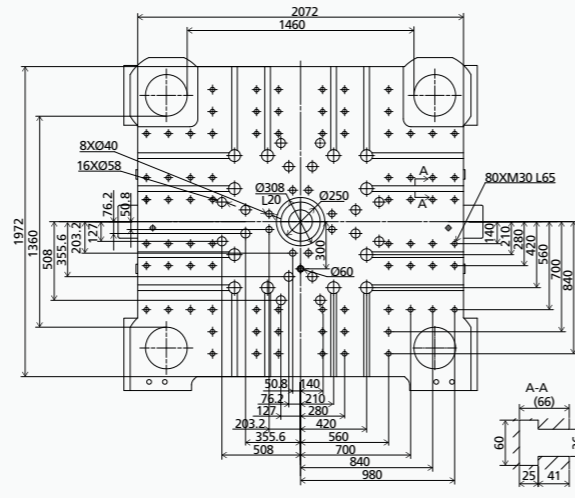
PLATEN LAYOUT JE1400 III

PLATEN LAYOUT JE1600 III

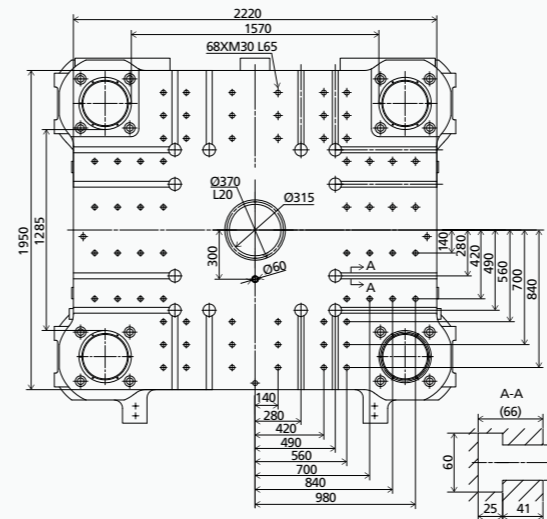
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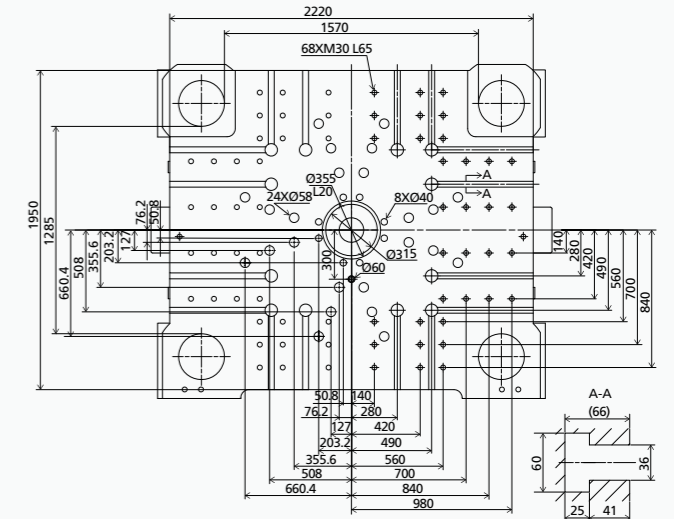
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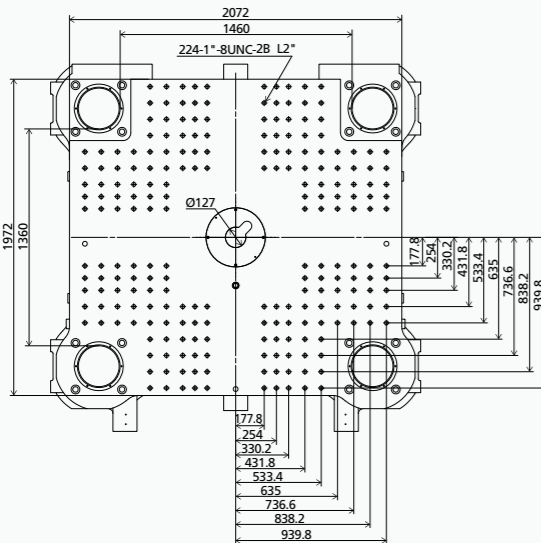
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FIXED PLATEN



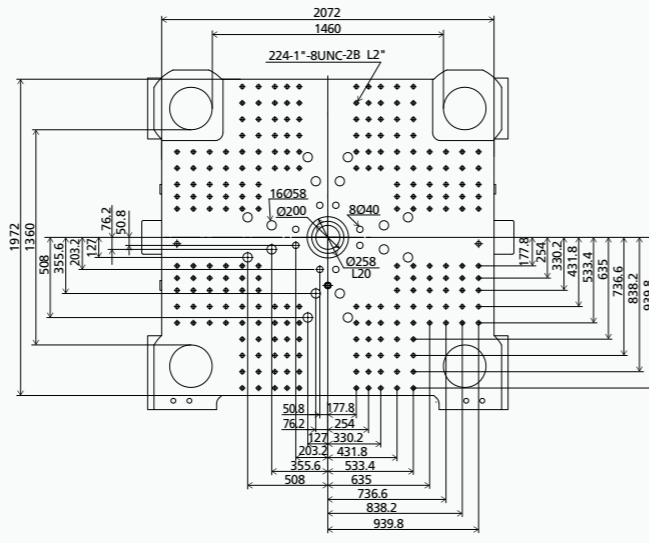
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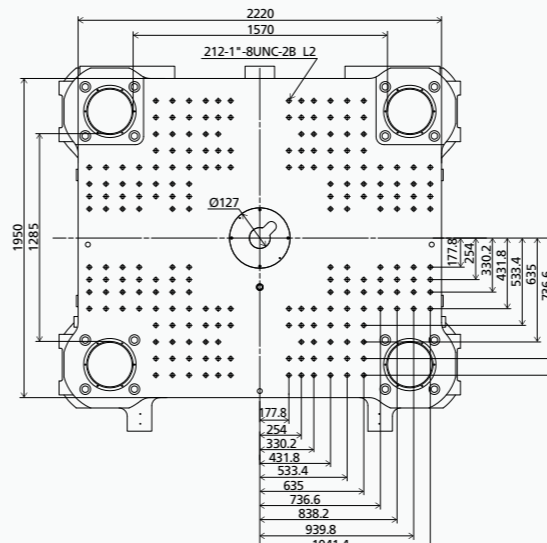
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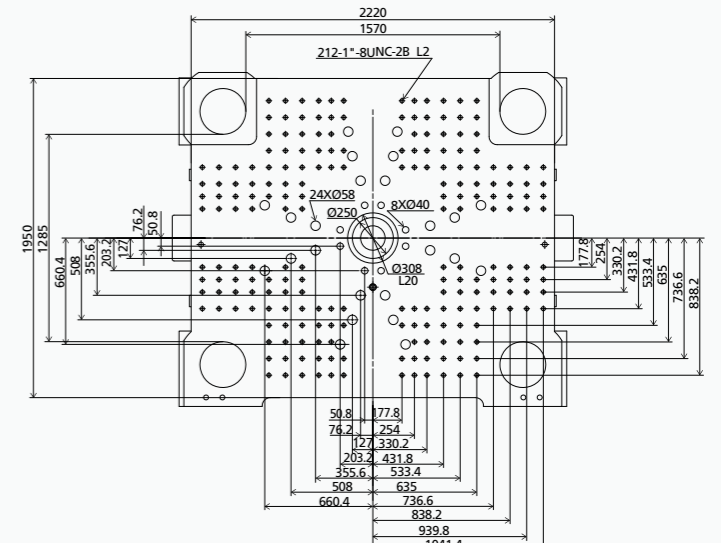
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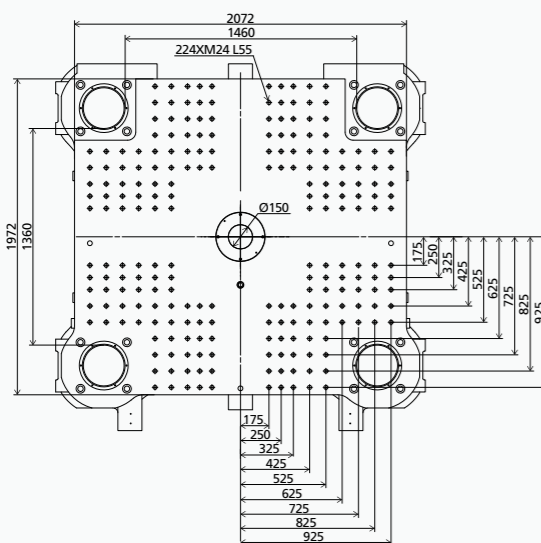
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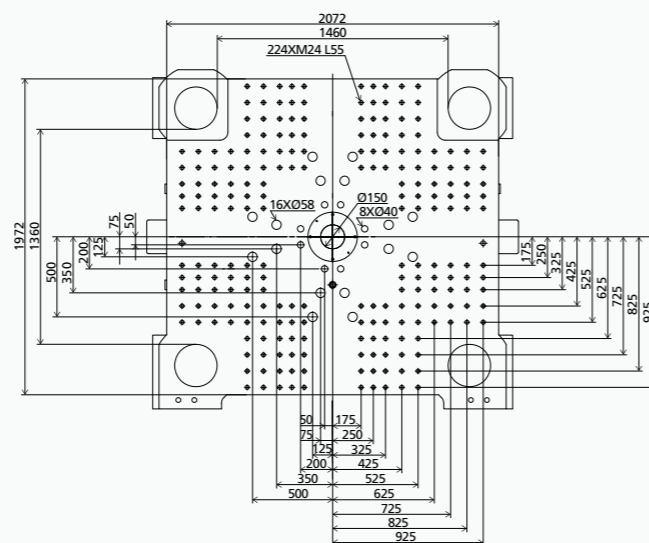
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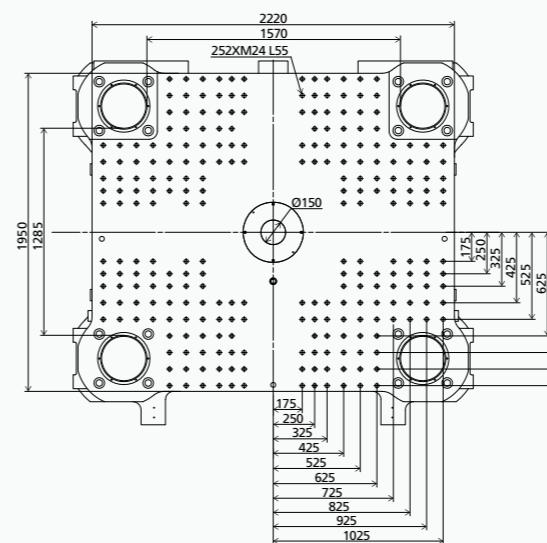
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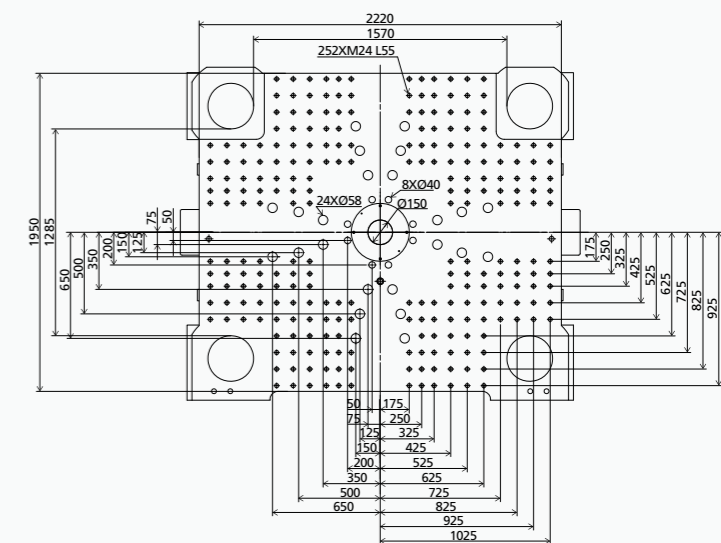
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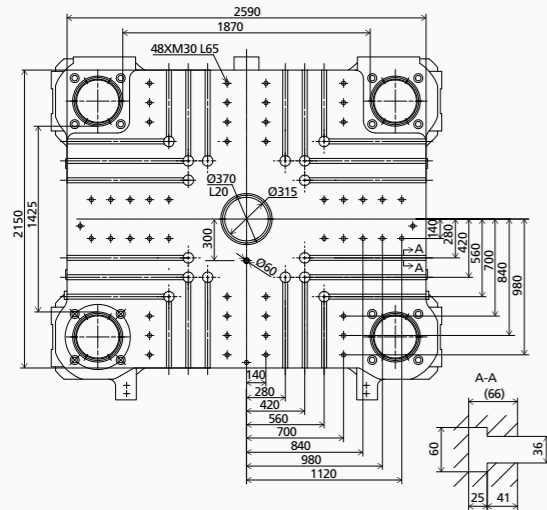


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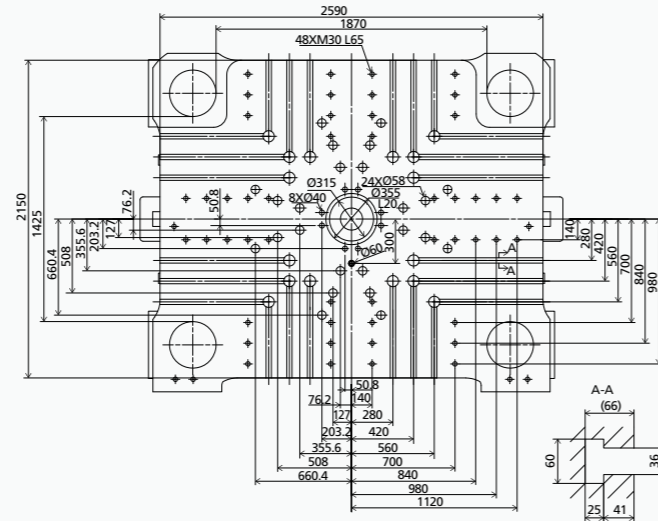
PLATEN LAYOUT JE18500 III

PLATEN LAYOUT JE21000 III

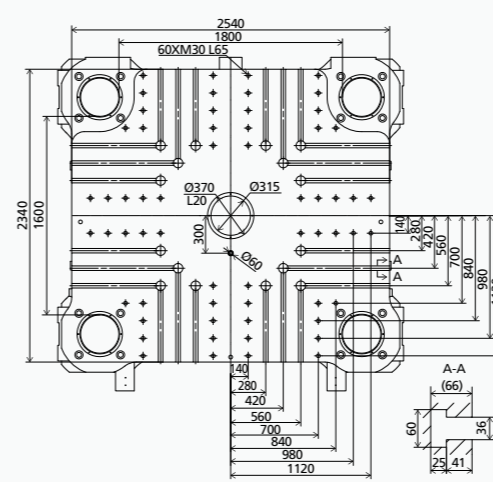
EUROPEAN VERSION
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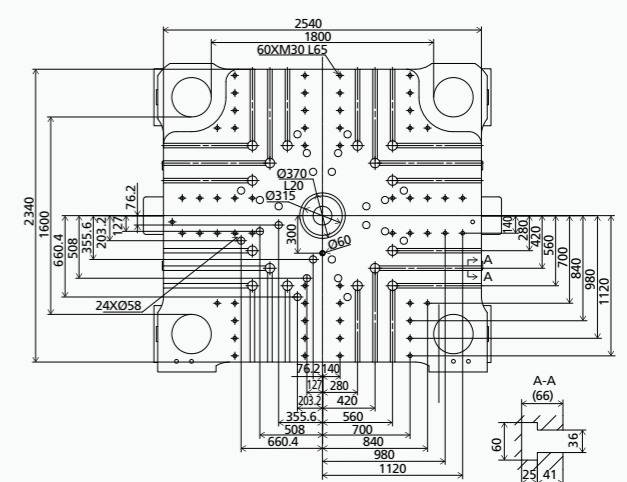
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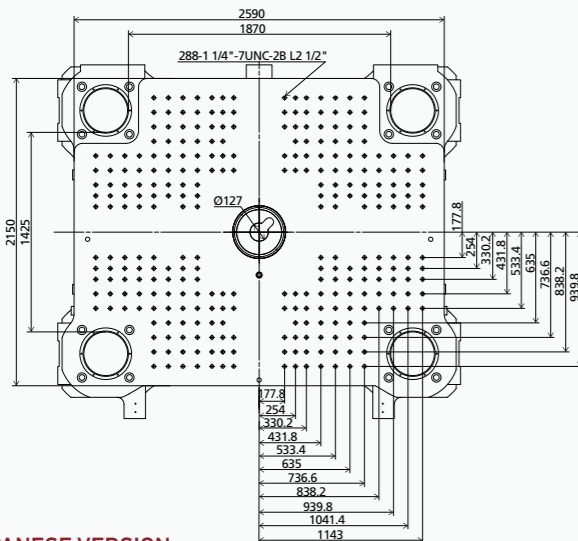
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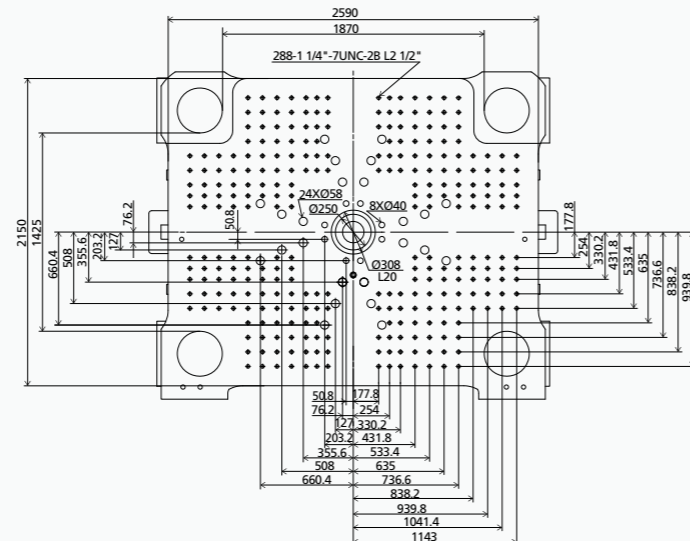
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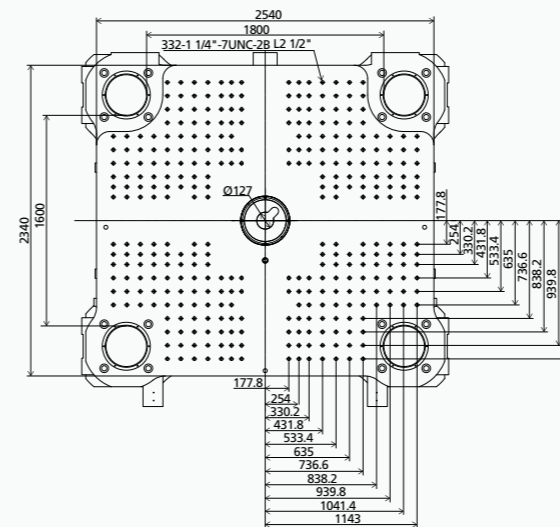
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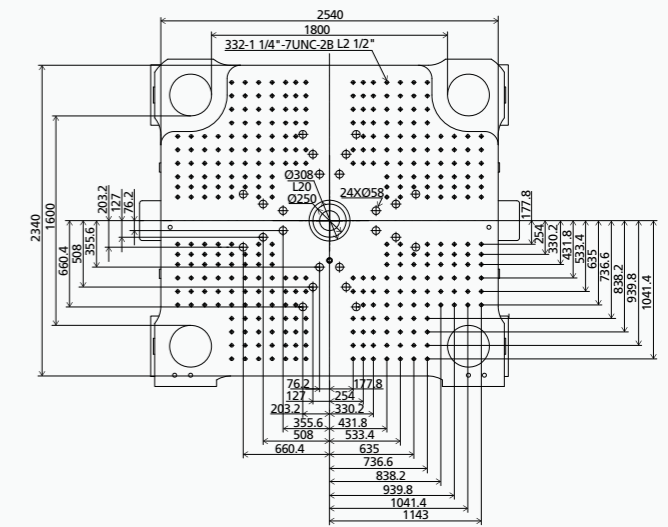
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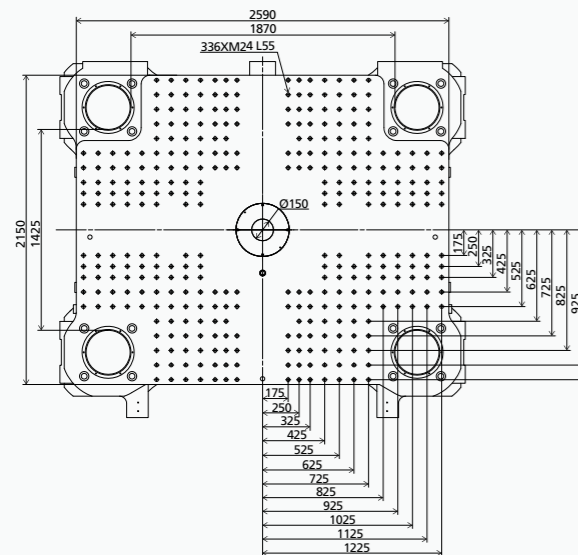
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FIXED PLATEN



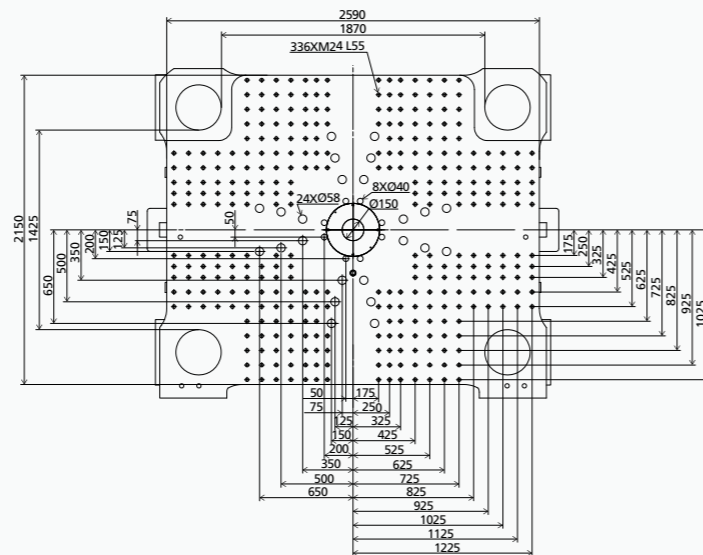
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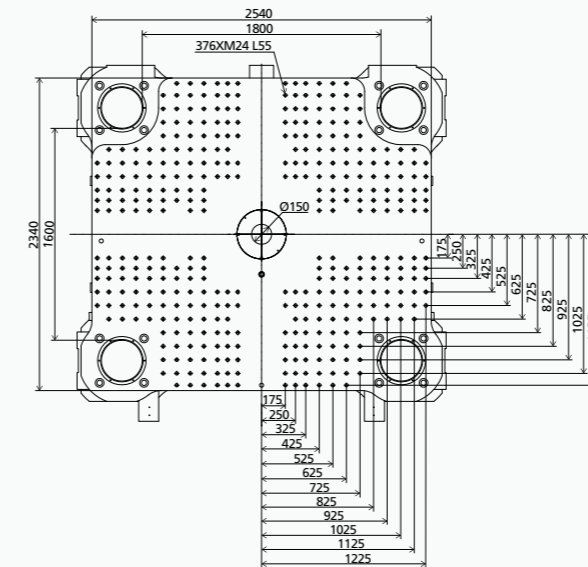
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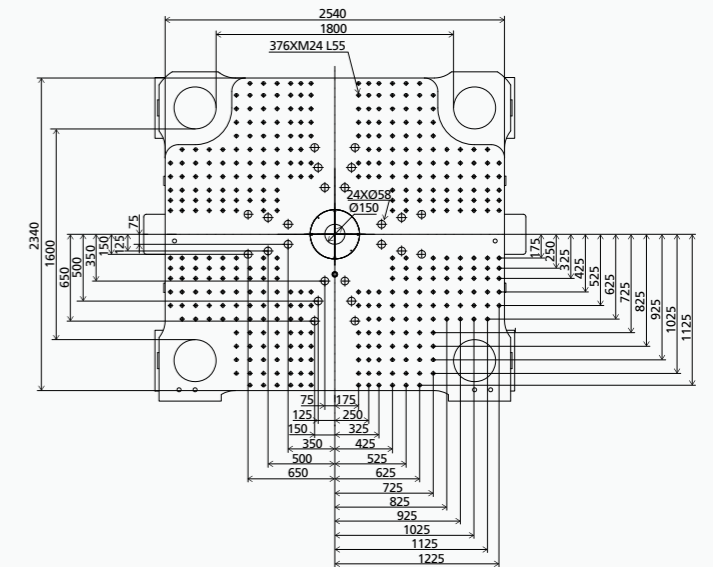
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JAPANESE VERSION
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MOVABLE PLATEN

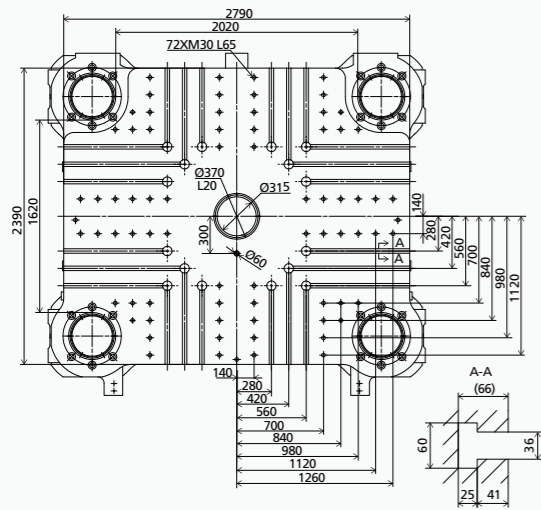


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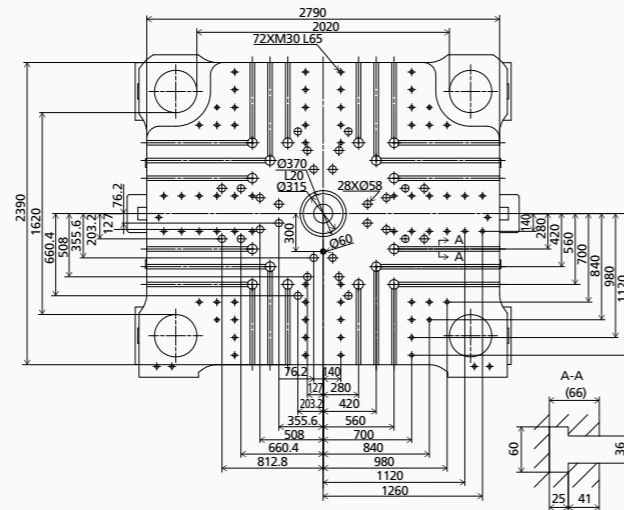
PLATEN LAYOUT JE24000 III

PLATEN LAYOUT JE28000 III

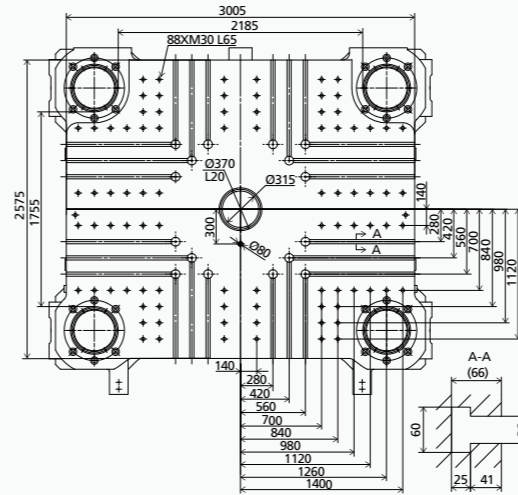
EUROPEAN VERSION
FIXED PLATEN



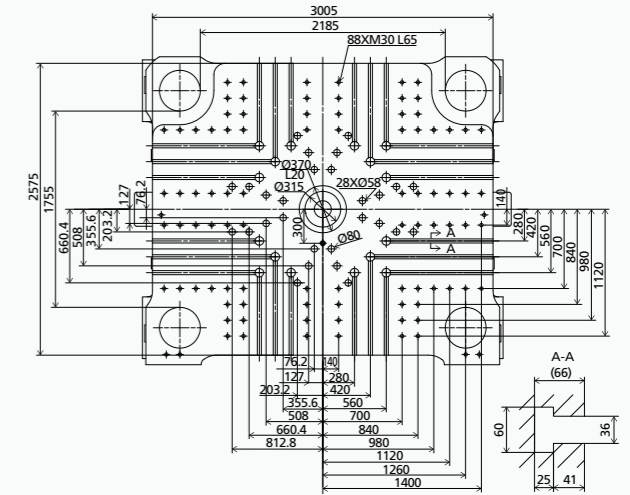
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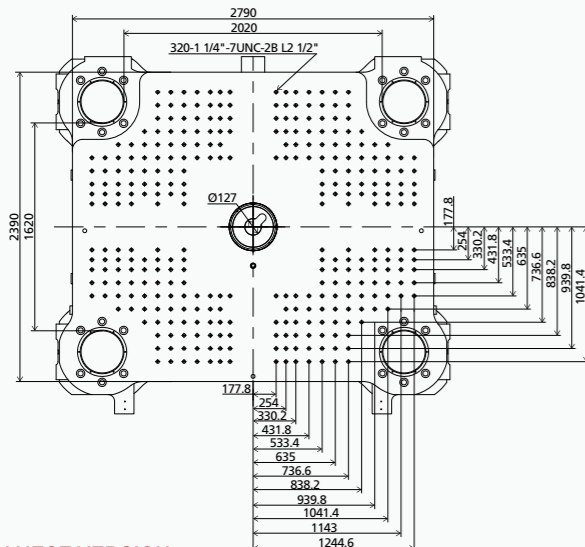
EUROPEAN VERSION
FIXED PLATEN



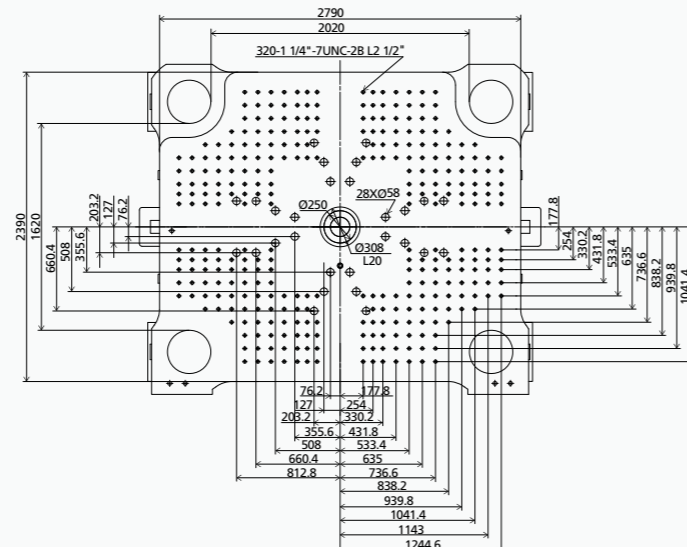
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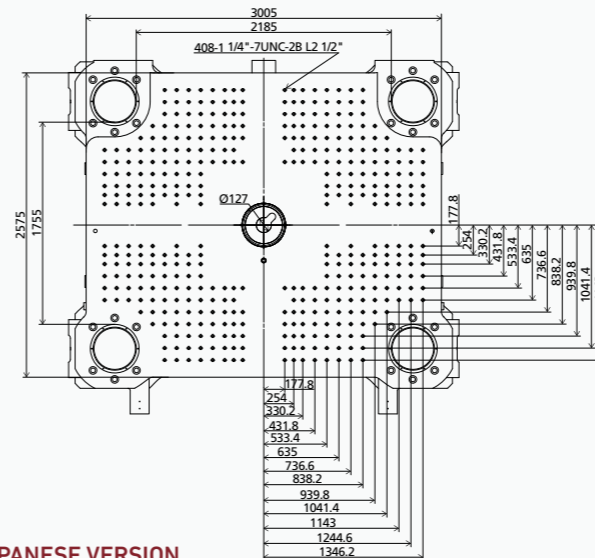
AMERICAN VERSION
FIXED PLATEN



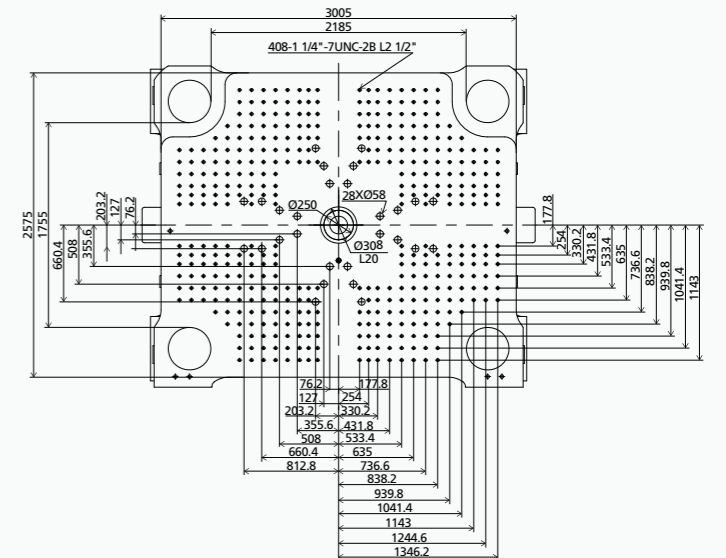
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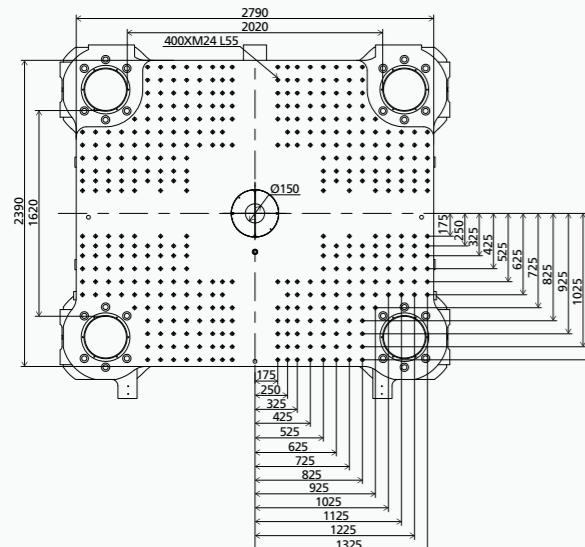
AMERICAN VERSION
FIXED PLATEN



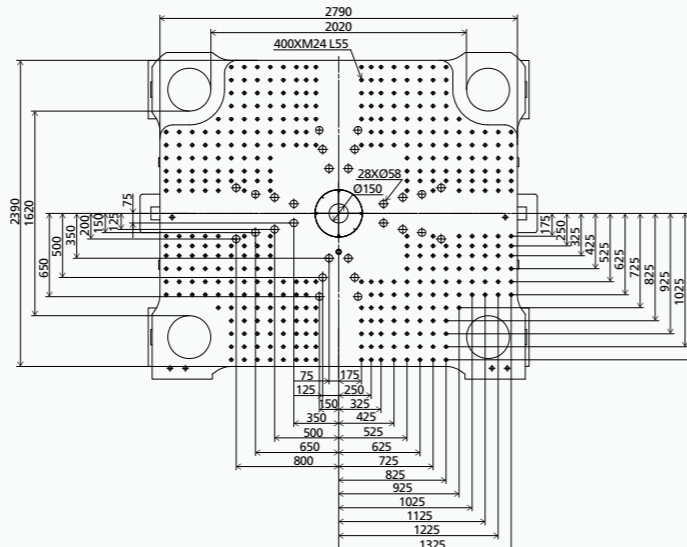
MOVABLE PLATEN



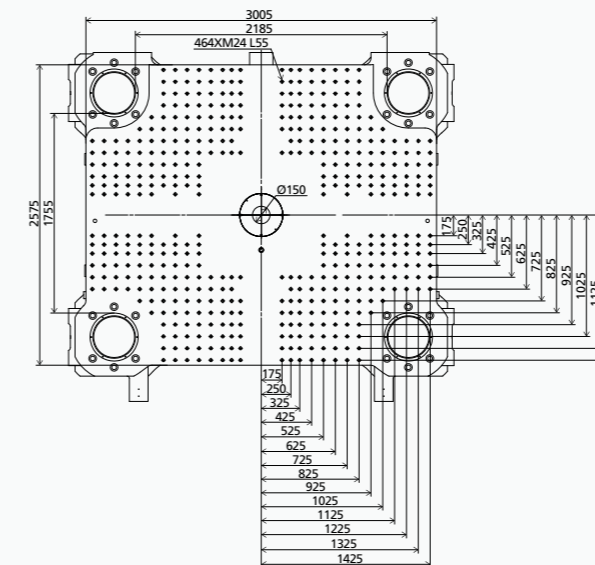
JAPANESE VERSION
FIXED PLATEN



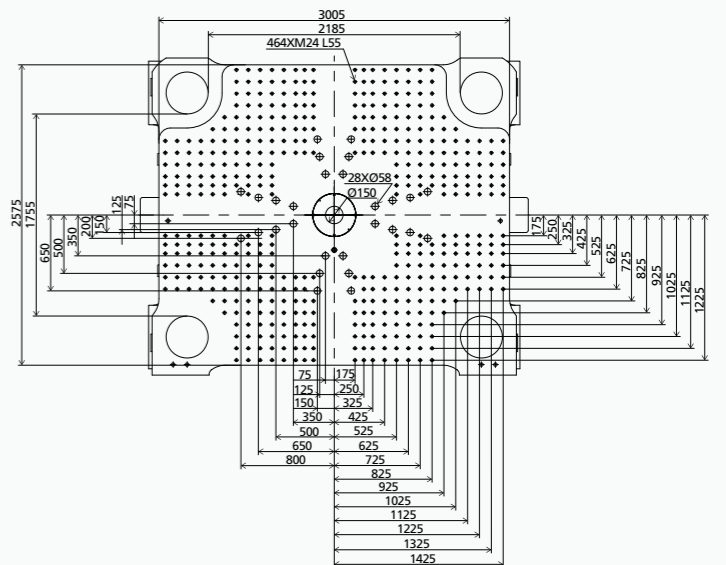
MOVABLE PLATEN



JAPANESE VERSION
FIXED PLATEN



MOVABLE PLATEN



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