

ZHAFIR PLASTICS MACHINERY GmbH

Jubatus-Allee 8-10
92263 Ebermannsdorf
Germany
Tel. +49-9438-9412-0
Fax. +49-9438-9412-150
E-Mail: contact@zhafir.com
www.zhafir.com

NINGBO ZHAFIR PLASTICS MACHINERY CO., LTD

No. 98 Guanhai Road, Chunxiao, Beilun, Ningbo, China 315800
Tel. +86-574-86182986
Fax. +86-574-86182977
E-Mail: contact@mail.zhafir.cn
www.zhafir.cn

Zhafir Jenius Series



JENIUS

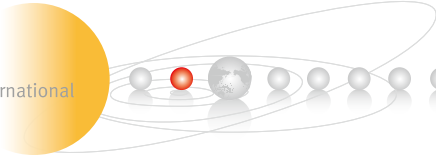
Specifications / International
3,600-10,800kN

Zhafir Partner:



JE 20190327-V

A Member of Haitian International



We Extend Advantage.

Technical data **JE3600**

CLAMPING UNIT

		JE3600
Clamping force	kN	3600
Dist. between tie bars (HxV)	mm	730×730
Mold height max	mm	730
Mold height min	mm	280
Ejector stroke	mm	180
Ejector force	kN	110
Max. daylight	mm	1250
Mold opening stroke ①	mm	970/520
Max. mold weight ②	t	3.6
Min. mold dimension	mm	510×510
Size of mold platen (HxV)	mm	1050×1050

INJECTION UNIT

		A	B	C	A	B	C	A	B	C
Screw diameter	mm	55	60	65	60	65	70	65	70	80
Screw L/D ratio	L/D	21.8	20	18.5	21.6	20	18.6	21.5	20	17.5
Injection volume (theoretical)	cm ³	617	735	863	792	929	1078	1068	1239	1619
Injection weight (PS)	g	562	668	785	720	845	980	972	1127	1473
Injection speed	mm/s	160			160			160		
Injection rate	g/s	346	411	483	411	483	560	483	560	731
Injection pressure	MPa	214	180	153	210	180	155	210	180	138
	bar	2140	1800	1530	2100	1800	1550	2100	1800	1380
Holding pressure	MPa	190	160	136	187	160	138	190	162	124
	bar	1900	1600	1360	1870	1600	1380	1900	1620	1240
Screw speed	rpm	300			250			210		
Plasticizing rate (GPPS) ③	g/s	54	64	71	57	68	72	56	65	80
Plasticizing rate (HDPE) ④	g/s	75	90	101	80	90	105	80	95	120
Nozzle contact force	kN	94.8			94.8			94.8		
Heating power	kW	29.8			34.4			37.8		

OTHERS

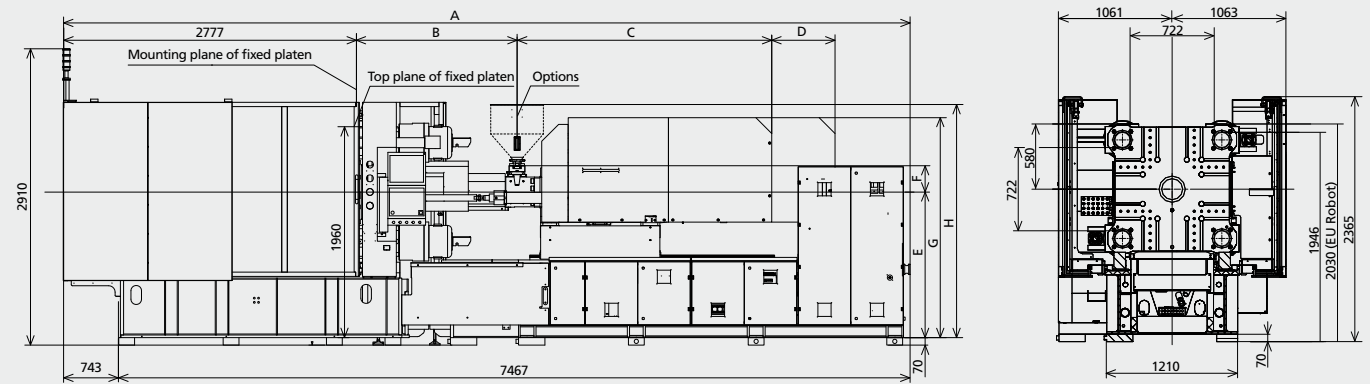
Connection power	kW/A	86/145	86/145	96/161
Hopper capacity	kg	none (Options 50)	none (Options 50)	none (Options 50)
Machine dimension	m	7.52×2.30×2.81	7.52×2.30×2.81	7.52×2.30×2.81
Oil tank	l	540	540	540
Machine weight	t	20.5	21.5	23

NOTE:
① with min. mold height / with max. mold height
② moving platen: 2/3 of max. mold weight
③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

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

Machine dimensions

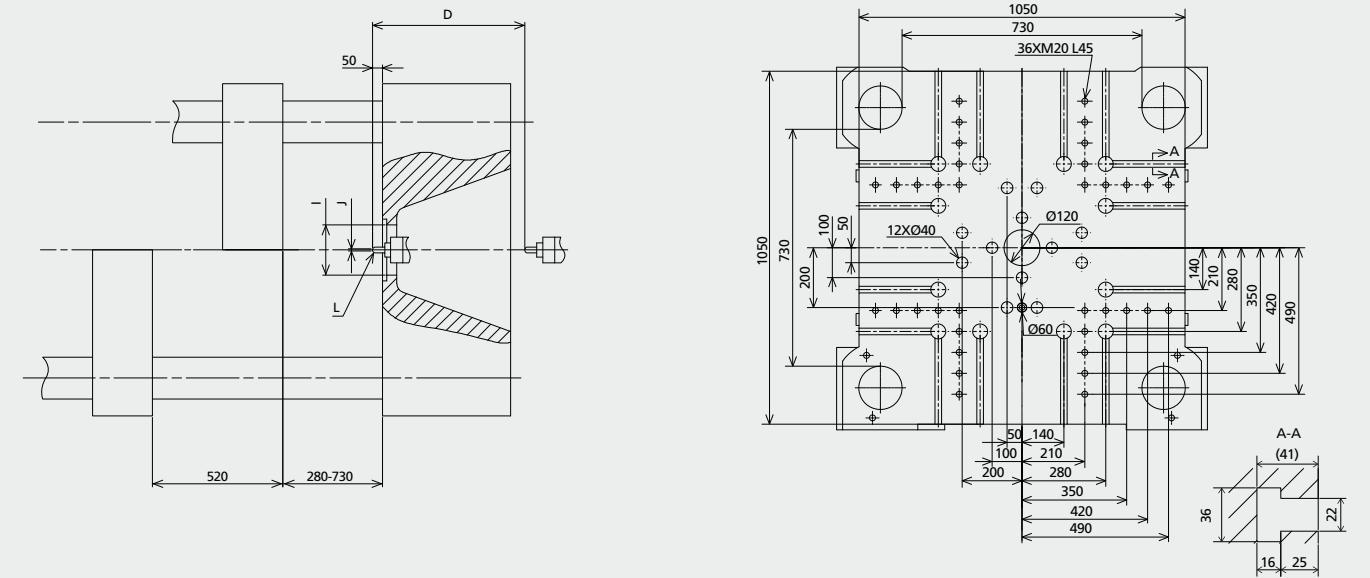
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
2250	8210	1610	2251	600	1380	270	2105	2190	200	Ø4	SR15
1700	8210	1517	2414	600	1380	250	2085	2210	200	Ø3	SR10
1400	8210	1351	2414	600	1380	250	2085	2210	200	Ø3	SR10

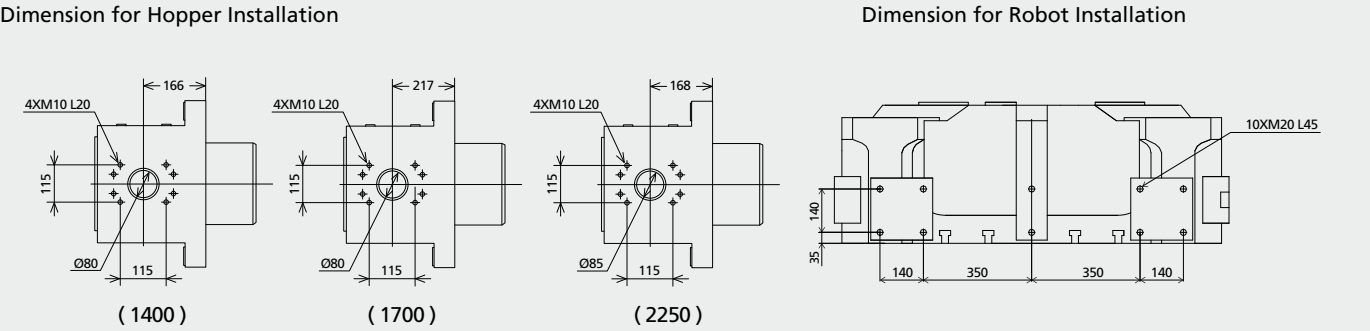
Platen dimensions

unit: mm



Others dimensions

unit: mm



Technical data **JE4500**

CLAMPING UNIT

		JE4500
Clamping force	kN	4500
Dist. between tie bars (HxV)	mm	810x800
Mold height max	mm	850
Mold height min	mm	350
Ejector stroke	mm	250
Ejector force	kN	110
Max. daylight	mm	1400
Mold opening stroke ①	mm	1050/550
Max. mold weight ②	t	6.5
Min. mold dimension	mm	565x560
Size of mold platen (HxV)	mm	1090x1180

INJECTION UNIT

		A	B	C	A	B	C	A	B	C
Screw diameter	mm	60	65	70	65	70	80	75	80	90
Screw L/D ratio	L/D	21.6	20	18.6	21.5	20	17.5	21.3	20	17.8
Injection volume (theoretical)	cm ³	792	929	1078	1068	1239	1619	1634	1860	2354
Injection weight (PS)	g	720	845	980	972	1127	1473	1487	1693	2142
Injection speed	mm/s	160			160			160		
Injection rate	g/s	411	483	560	483	560	731	643	731	926
Injection pressure	MPa	210	180	155	210	180	138	205	180	142
	bar	2100	1800	1550	2100	1800	1380	2050	1800	1420
Holding pressure	MPa	187	160	138	190	162	124	185	162	128
	bar	1870	1600	1380	1900	1620	1240	1850	1620	1280
Screw speed	rpm	250			210			185		
Plasticizing rate (GPPS) ③	g/s	57	68	72	56	65	80	62	80	100
Plasticizing rate (HDPE) ④	g/s	80	90	105	80	95	120	93	115	150
Nozzle contact force	kN	94.8			94.8			94.8		
Heating power	kW	34.4			37.8			45		

OTHERS

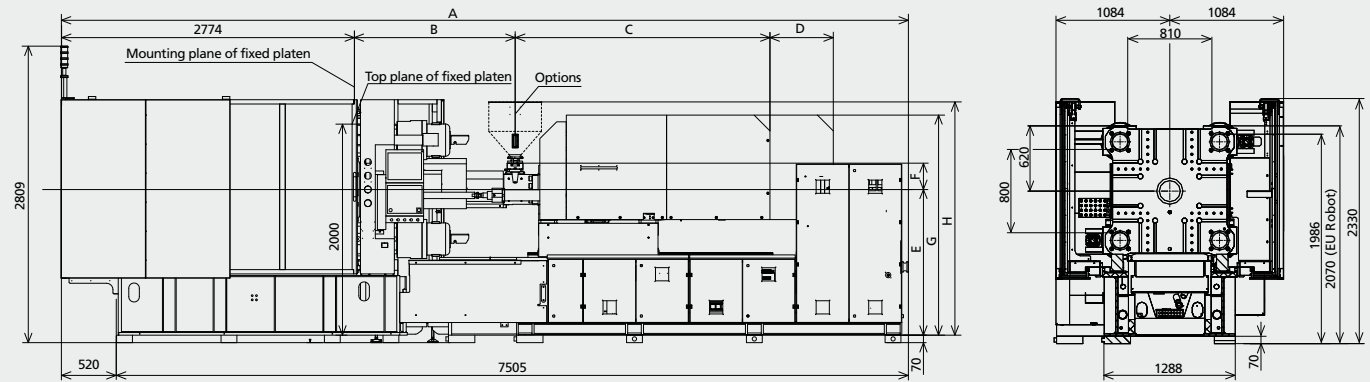
Connection power	kW/A	86/145	96/161	131/220
Hopper capacity	kg	none (Options 50)	none (Options 50)	none (Options 50)
Machine dimension	m	8.02x2.30x2.81	8.02x2.30x2.81	8.02x2.30x2.81
Oil tank	l	540	540	540
Machine weight	t	22	23	25

NOTE:
① with min. mold height / with max. mold height
② moving platen: 2/3 of max. mold weight
③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws
④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
The above plasticizing capacity is for reference only.

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Machine dimensions

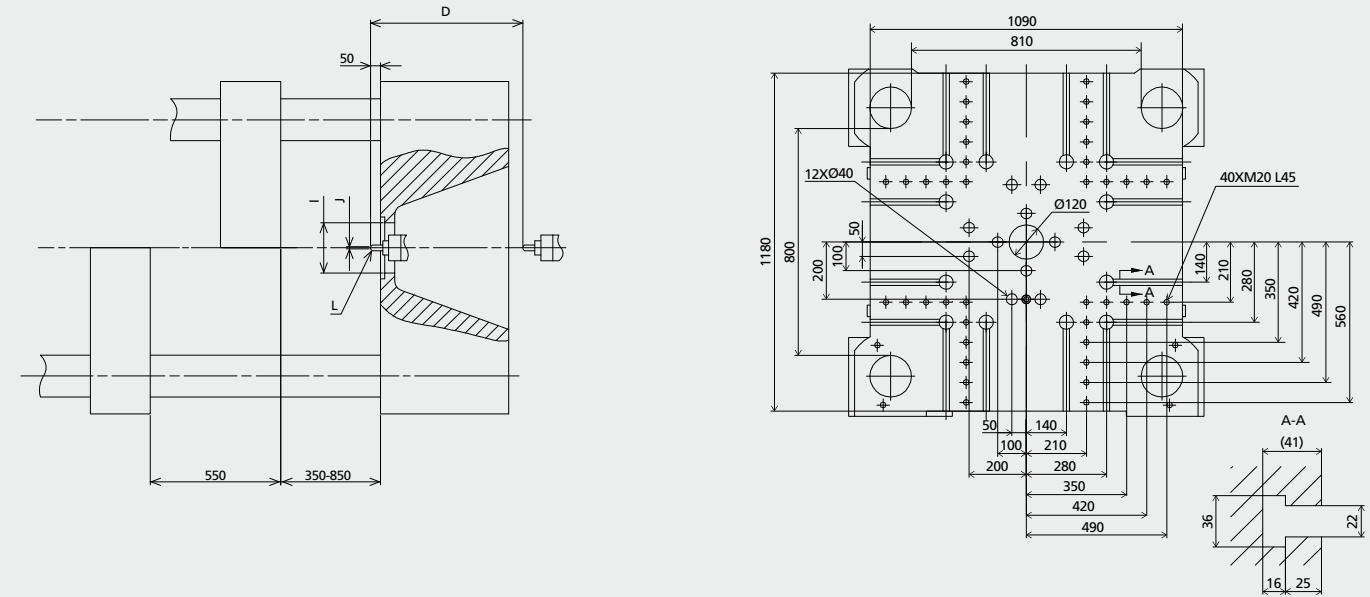
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
3350	8025	1814	2914	600	1380	308	2042	2535	200	Ø4	SR15
2250	8025	1610	2251	600	1380	270	2105	2190	200	Ø4	SR15
1700	8025	1517	2414	600	1380	250	2085	2211	200	Ø3	SR10

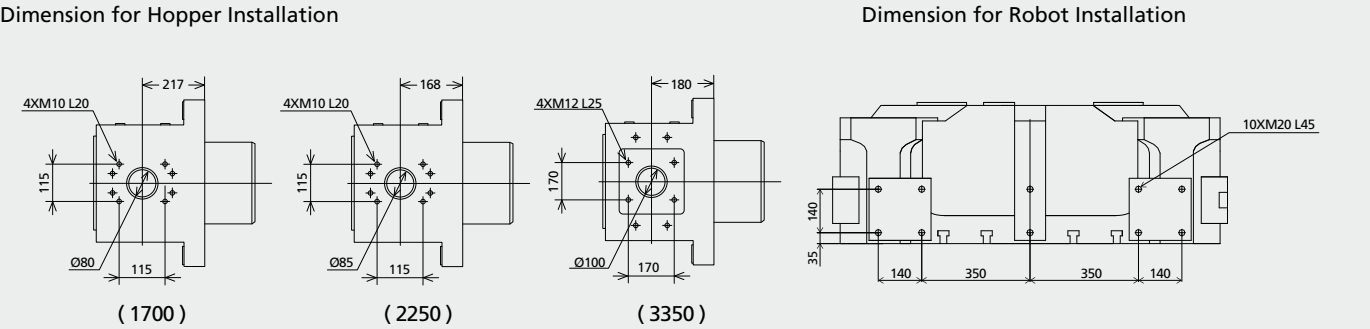
Platen dimensions

unit: mm



Others dimensions

unit: mm



Technical data **JE9000**

CLAMPING UNIT

		JE9000
Clamping force	kN	9000
Dist. between tie bars (HxV)	mm	1180×1000
Mold height max	mm	1100
Mold height min	mm	500
Ejector stroke	mm	300
Ejector force	kN	195
Max. daylight	mm	2100
Mold opening stroke ①	mm	1600/1000
Max. mold weight ②	t	13
Min. mold dimension	mm	825×700
Size of mold platen (HxV)	mm	1560×1520

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
Screw L/D ratio	L/D	21.3	20	17.8	24.8	22	19.8	24.4	22
Injection volume (theoretical)	cm ³	1634	1860	2354	2262	2863	3534	2990	3691
Injection weight (PS)	g	1487	1693	2142	2058	2605	3216	2721	3359
Injection speed	mm/s	160			160			150	
Injection rate	g/s	643	731	926	731	926	1143	868	1072
Injection pressure	MPa	205	180	142	227	180	145	234	190
	bar	2050	1800	1420	2270	1800	1450	2340	1900
Holding pressure	MPa	185	162	128	204	162	131	200	162
	bar	1850	1620	1280	2040	1620	1310	2000	1620
Screw speed	rpm	185			160			150	
Plasticizing rate (GPPS) ③	g/s	62	80	100	78	98	120	99	120
Plasticizing rate (HDPE) ④	g/s	93	115	150	116	146	180	147	180
Nozzle contact force	kN	94.8			94.8			94.8	
Heating power	kW	45			54.3			75.6	

OTHERS

Connection power	kW/A	131/220	185/311	205/344
Hopper capacity	kg	none (Options 50)	none (Options 100)	none (Options 100)
Machine dimension	m	9.86×3.20×2.69	9.86×3.20×2.69	9.86×3.20×2.69
Oil tank	l	690	690	690
Machine weight	t	40	43	50

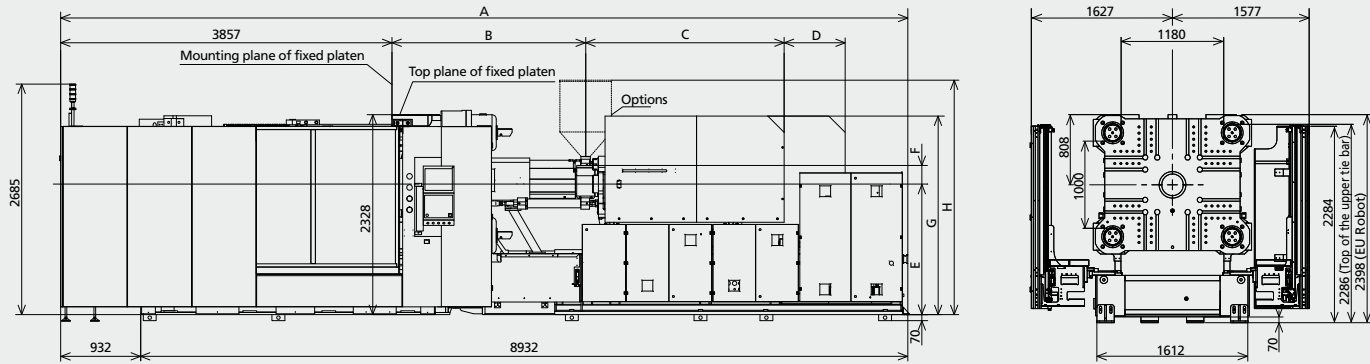
NOTE:

- ① with min. mold height / with max. mold height
 - ② moving platen: 2/3 of max. mold weight
 - ③ Plasticizing capacity (GPPS): GB standard, with application of GPPS plasticizing capacity of 3-zone screws
 - ④ Plasticizing capacity (HDPE): Euromap 19, with application of HDPE plasticizing capacity of barrier screws
- The above plasticizing capacity is for reference only.

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

Machine dimensions

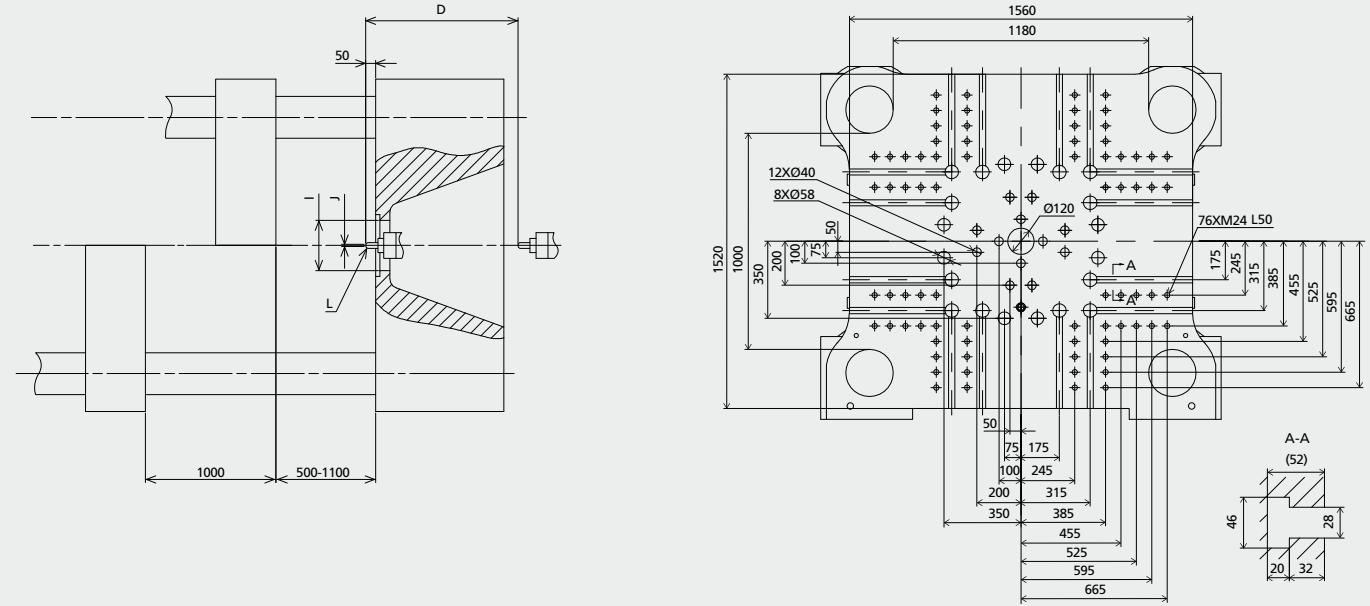
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
7000	9864	2256	2310	710	1520	233	2312	2747	250	Ø6	SR20
5200	9864	2256	2309	710	1520	215	2312	2730	250	Ø4	SR15
3350	9864	1814	2914	710	1520	308	2245	2535	250	Ø4	SR15

Platen dimensions

unit: mm

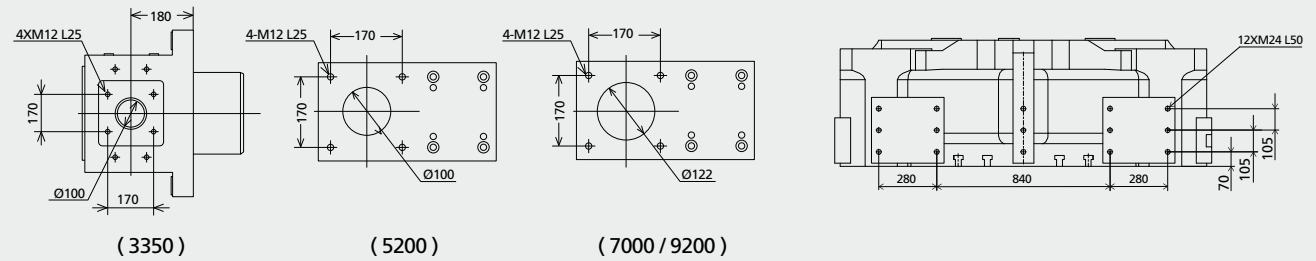


Others dimensions

unit: mm

Dimension for Hopper Installation

Dimension for Robot Installation



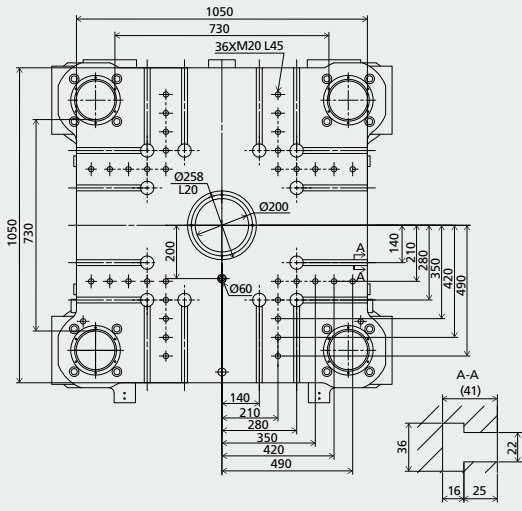
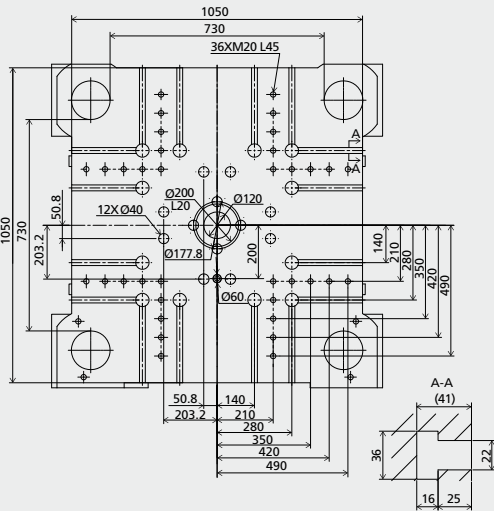
Platen Layout JE3600

European version

unit: mm

Movable platen

Fixed platen

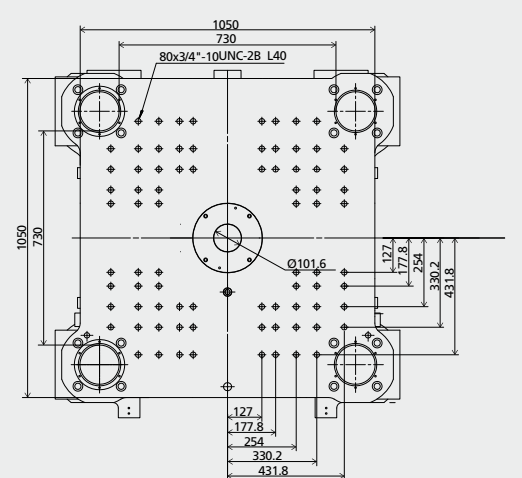
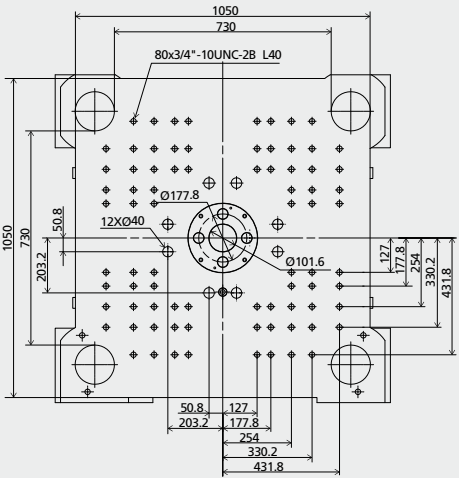


American version

unit: mm

Movable platen

Fixed platen

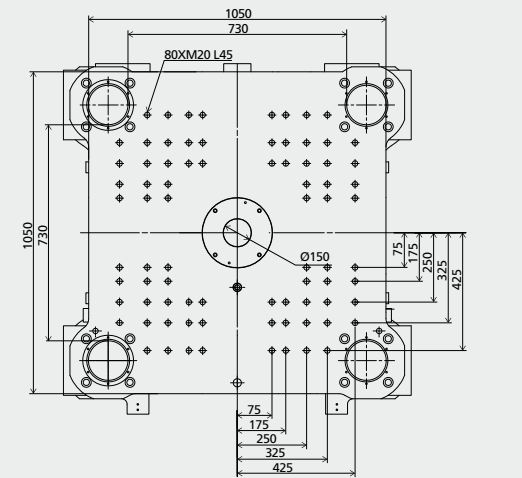
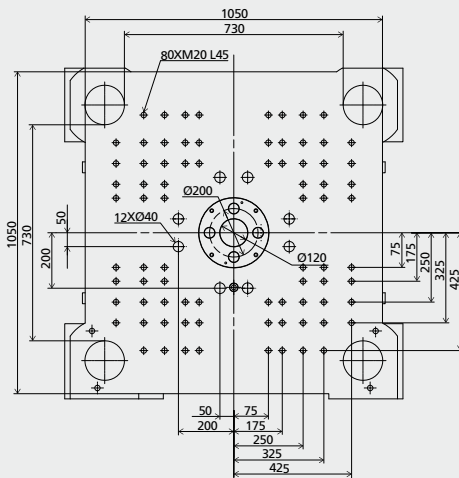


Japanese version

unit: mm

Movable platen

Fixed platen



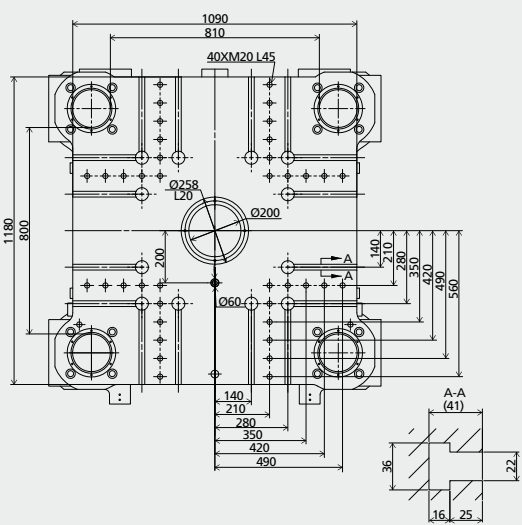
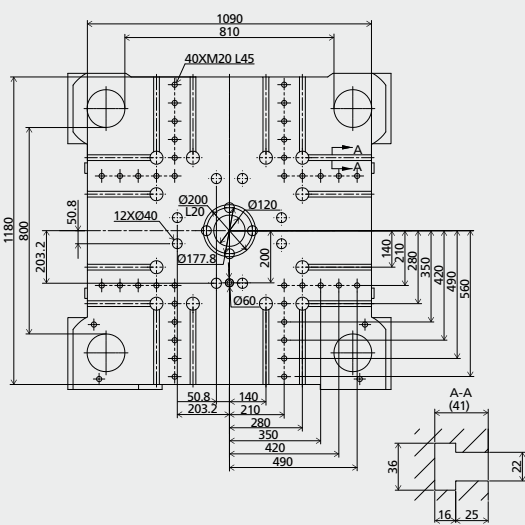
Platen Layout JE4500

European version

unit: mm

Movable platen

Fixed platen

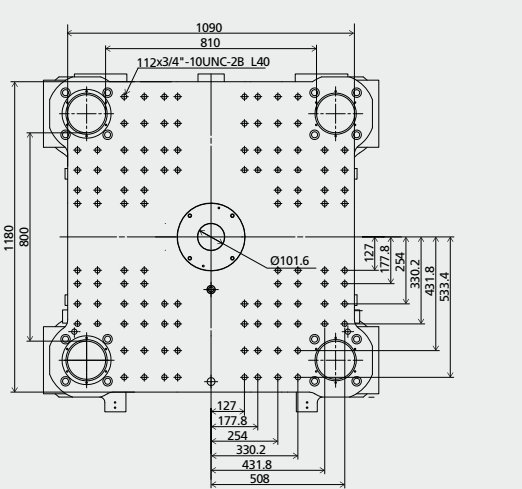
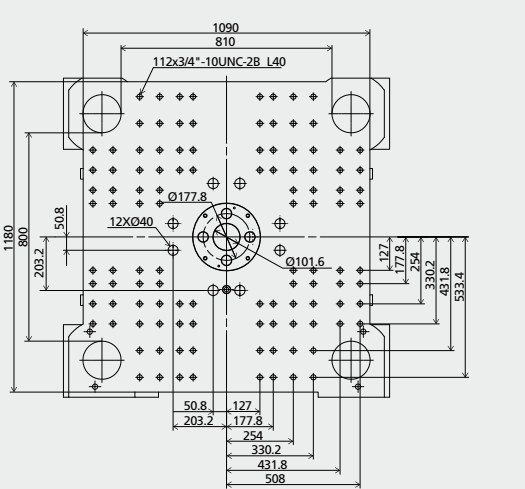


American version

unit: mm

Movable platen

Fixed platen

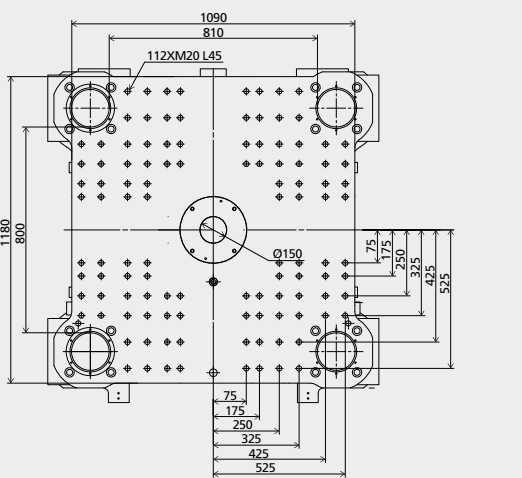
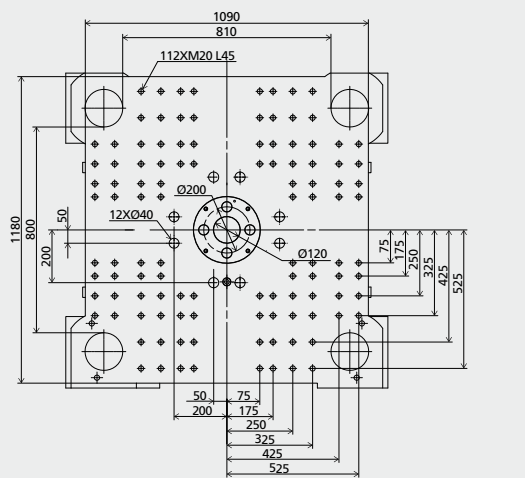


Japanese version

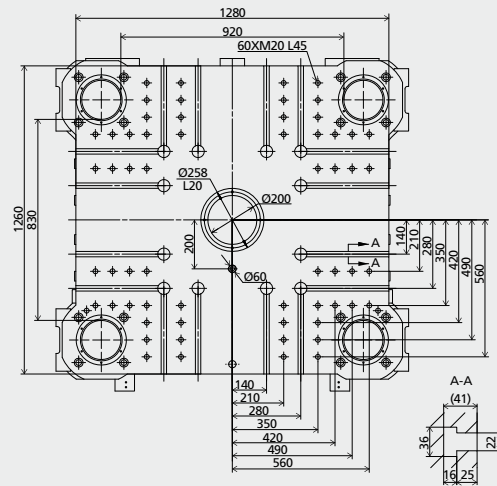
unit: mm

Movable platen

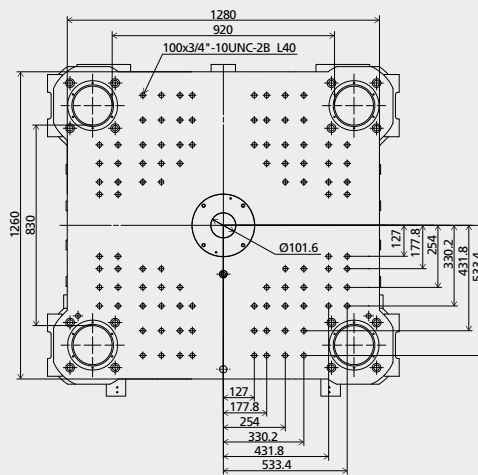
Fixed platen



Technical drawing of a square column cross-section (A-A) with dimensions in mm. The drawing shows a square column with a 60x60 cm outer size and a 42x42 cm inner size. It includes reinforcement details, including 8xØ58 bars and 12xØ40 bars. The drawing is labeled 'A-A (41)' and includes a section line 'A-A'.

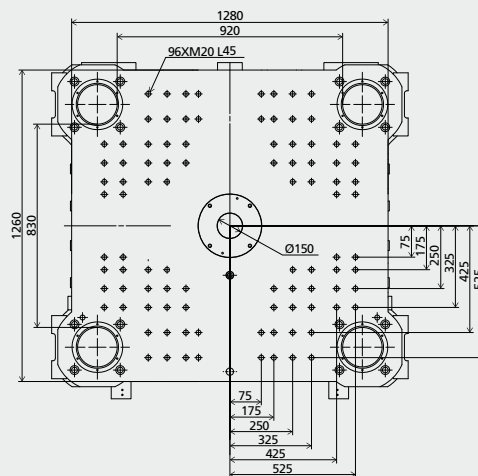


Technical drawing of a square plate with dimensions and hole specifications. The overall dimensions are 1280 mm by 830 mm. The plate features a central circular hole with a diameter of 127.040 mm, surrounded by a pattern of smaller holes. The hole pattern is defined by dimensions 100x3/4" - 10UNC-2B L40 and 8XØ5.8. The plate is also marked with dimensions 127, 177.8, 254, 330.2, 431.8, 533.4, 355.6, 203.2, 76.2, 50.8, and 127.8. The drawing includes a detailed view of the central hole and its surrounding features.



Technical drawing of a square plate with the following dimensions and specifications:

- Overall width: 1260
- Overall height: 1260
- Inner width dimension: 920
- Inner height dimension: 920
- Top edge hole specification: 96XM20 L45
- Central hole specification: 8XØ58
- Central hole diameter: Ø200
- Central hole diameter: Ø120
- Central hole diameter: 12XØ40
- Left edge hole specification: 75
- Left edge hole specification: 50
- Left edge hole specification: 200
- Left edge hole specification: 350
- Right edge hole specification: 75
- Right edge hole specification: 175
- Right edge hole specification: 250
- Right edge hole specification: 325
- Right edge hole specification: 425
- Right edge hole specification: 525
- Bottom edge hole specification: 50
- Bottom edge hole specification: 75
- Bottom edge hole specification: 175
- Bottom edge hole specification: 200
- Bottom edge hole specification: 250
- Bottom edge hole specification: 325
- Bottom edge hole specification: 350
- Bottom edge hole specification: 425
- Bottom edge hole specification: 525



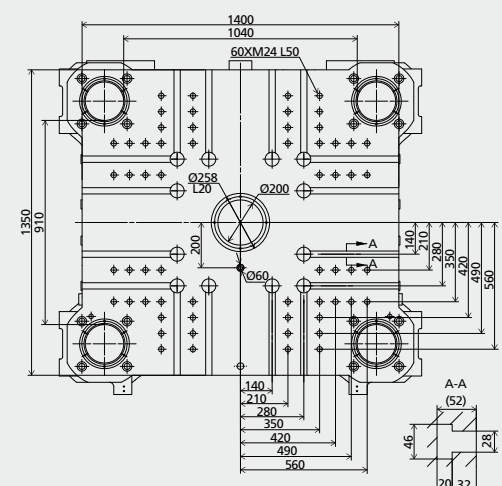
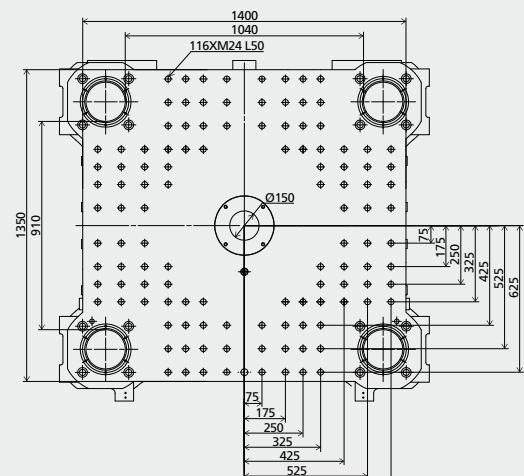
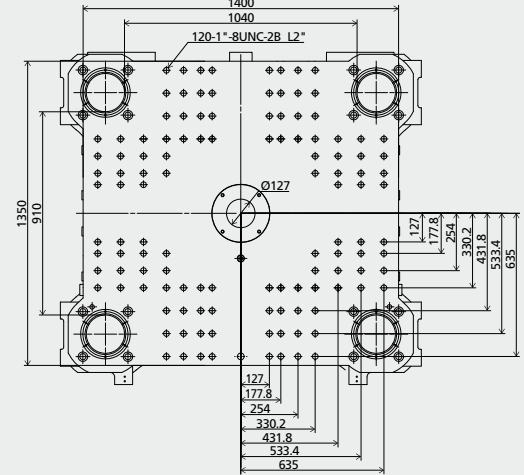
Technical drawing of a mechanical part, likely a flange or base plate, showing dimensions and features.

Top View Dimensions:

- Overall Width: 1400
- Overall Height: 1350
- Inner Width: 1040
- Inner Height: 910
- Top Flange Width: 60XM24 L50
- Top Flange Height: 140
- Top Flange Thickness: 210
- Top Flange Hole Diameter: 8XØ8
- Top Flange Hole Position: 2XØ80 L20
- Top Flange Hole Diameter: Ø177.8
- Top Flange Hole Position: Ø120
- Top Flange Hole Diameter: 203.2
- Top Flange Hole Position: 355.6
- Top Flange Hole Diameter: 50.8
- Top Flange Hole Position: 76.2
- Top Flange Hole Diameter: 140
- Top Flange Hole Position: 210
- Top Flange Hole Diameter: 280
- Top Flange Hole Position: 350
- Top Flange Hole Diameter: 420
- Top Flange Hole Position: 490
- Top Flange Hole Diameter: 560

Section A-A Dimensions:

- Section A-A: (52)
- Section A-A Thickness: 46
- Section A-A Hole Diameter: 52
- Section A-A Hole Position: 20 37

[illegible]

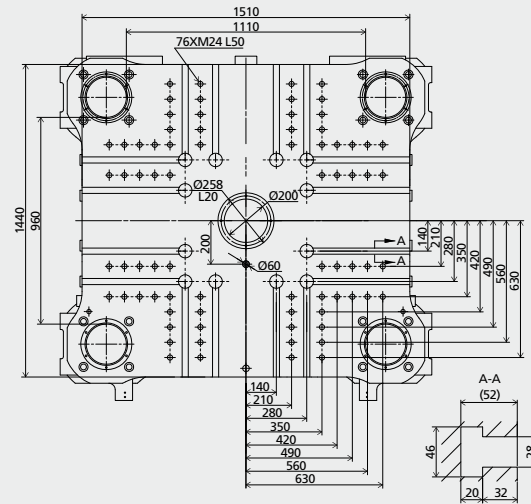
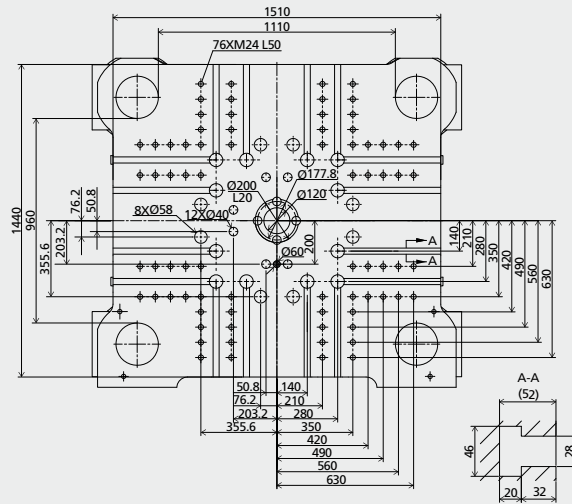
Platen Layout JE7500

European version

unit: mm

Movable platen

Fixed platen

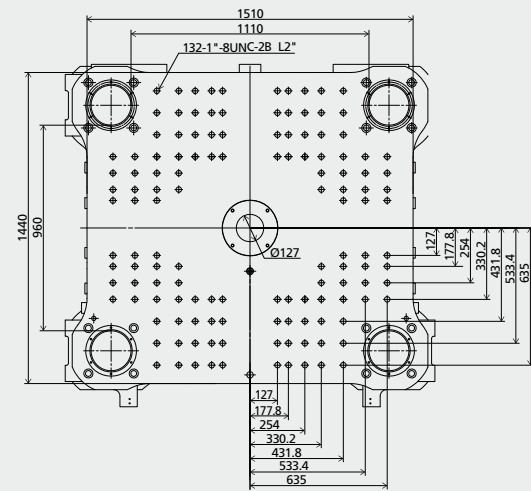
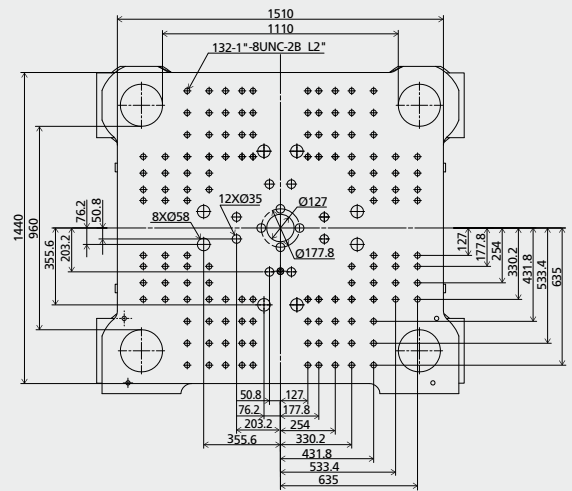


American version

unit: mm

Movable platen

Fixed platen

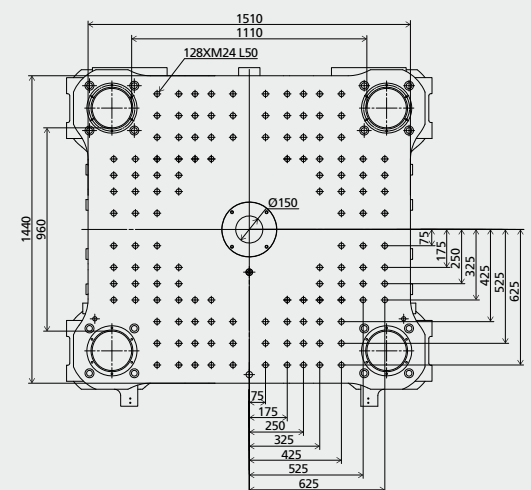
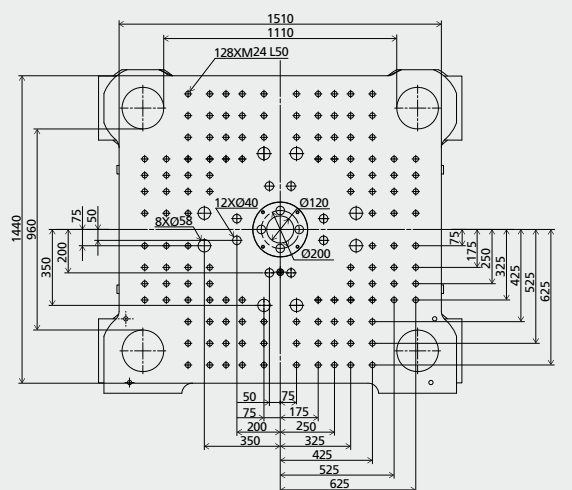


Japanese version

unit: mm

Movable platen

Fixed platen



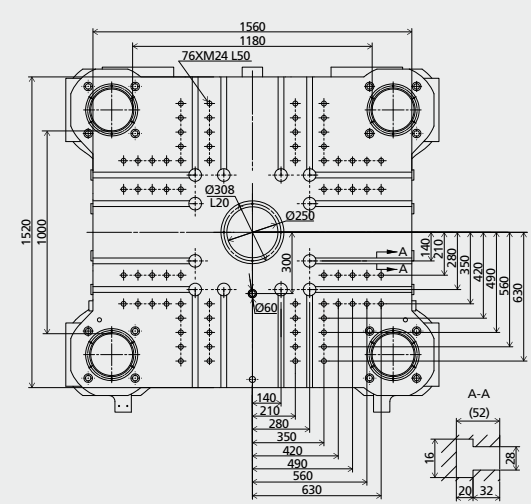
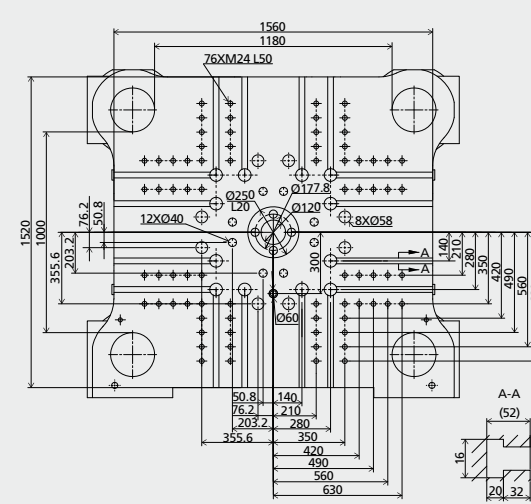
Platen Layout JE9000

European version

unit: mm

Movable platen

Fixed platen

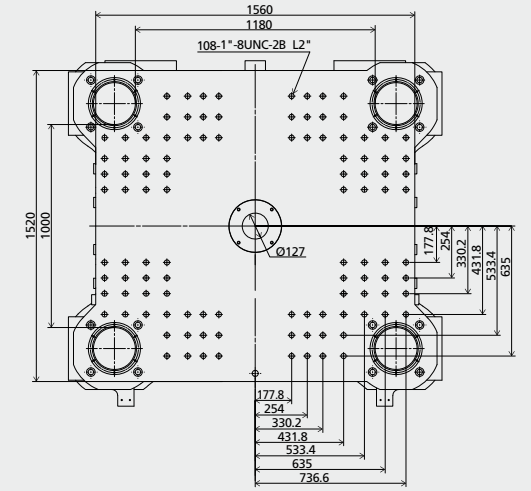
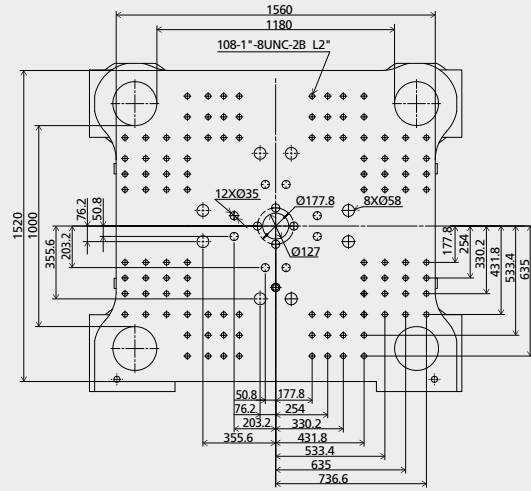


American version

unit: mm

Movable platen

Fixed platen

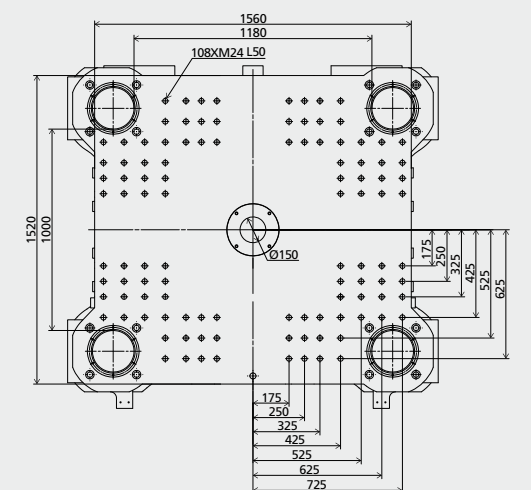
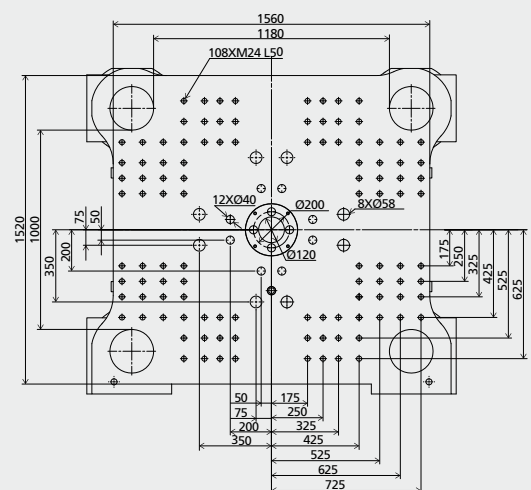


Japanese version

unit: mm

Movable platen

Fixed platen



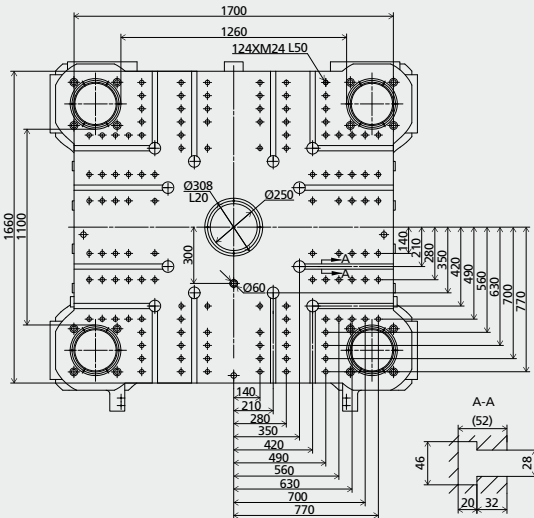
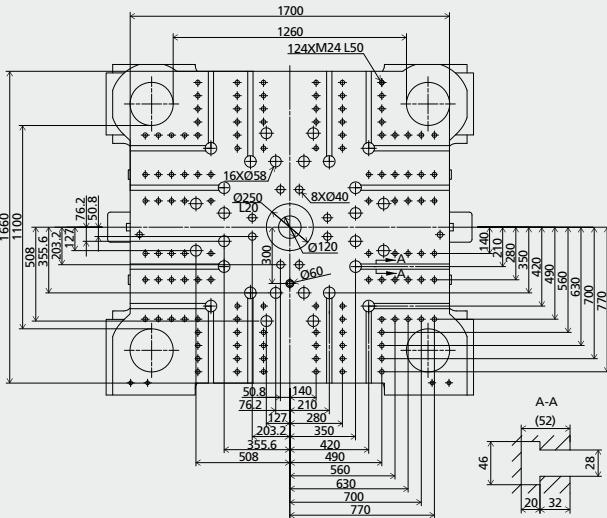
Platen Layout **JE10800**

European version

unit: mm

Movable platen

Fixed platen



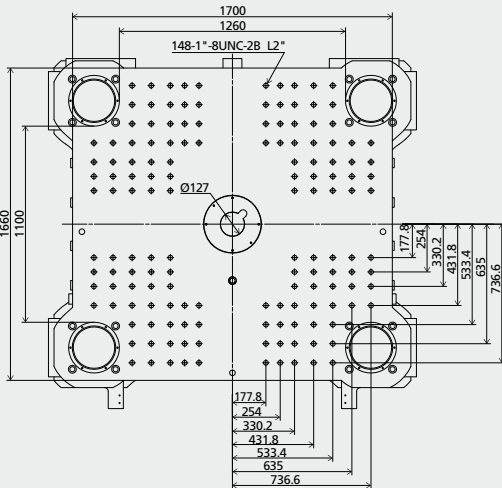
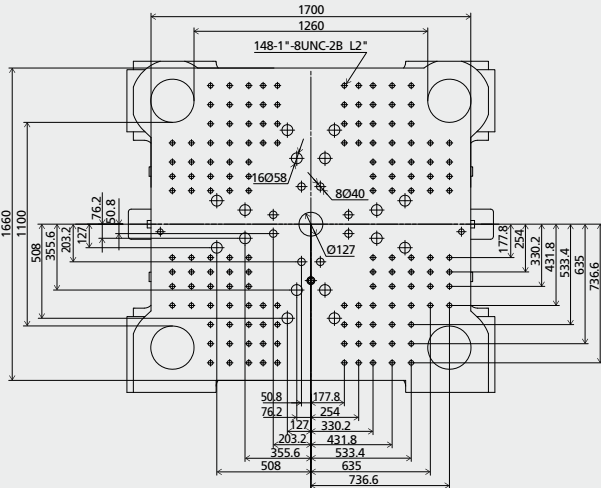
NOTE:

American version

unit: mm

Movable platen

Fixed platen



Japanese version

unit: mm

Movable platen

Fixed platen

