

**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](mailto:contact@zhafir.com)  
[www.zhafir.com](http://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](mailto:contact@mail.zhafir.cn)  
[www.zhafir.cn](http://www.zhafir.cn)

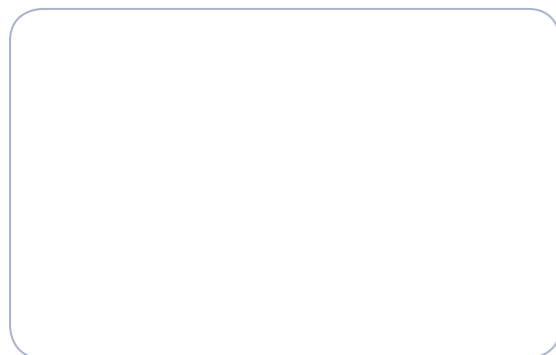
Zhafir Jenius Series



**JENIUS**

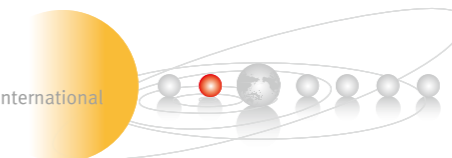
Specifications / International  
10,800-33,000kN

Zhafir Partner:



#E 20180605-IV

A Member of Haitian International



We Extend Advantage.

# Technical data JE10800

## CLAMPING UNIT

		JE10800
Clamping force	kN	10800
Space between tie bars	mm	1260×1100
Max. mold height	mm	1200
Min. mold height	mm	500
Ejector stroke	mm	350
Ejector force	kN	230
Max. daylight	mm	2400
Mold opening stroke	mm	1900/1200
Max. mold weight ①	t	16
Min. mold dimension ②	mm	880×770
Mold platen dimension H×V	mm	1700×1660

## 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
Shot size (theoretical)	cm <sup>3</sup>	1634	1860	2354	2262	2863	3534	2990	3691	4467
Injection weight (PS)	g	1487	1693	2142	2058	2605	3216	2721	3359	4065
Injection speed	mm/s	160			160			150		
Injection rate	g/s	643	731	926	731	926	1143	868	1072	1297
Injection pressure	Mpa	205	180	142	227	180	145	234	190	157
	bar	2050	1800	1420	2270	1800	1450	2340	1900	1570
Holding pressure	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 capacity (GPPS) ③	g/s	60	80	100	78	98	120	99	120	145
Plasticizing capacity (HDPE) ④	g/s	93	115	150	116	146	180	147	180	214
Nozzle contact force	kN	99			94.8			94.8		
Heating power	kW	45			54.3			75.6		

## OTHERS

		131/220	185/311	205/344
Connection power	kW/A			
Hopper	kg	none ( Options 50 )	none ( Options 100 )	none ( Options 100 )
Machine dimension	m	10×3.31×2.76	10×3.31×2.76	10×3.31×2.76
Oil tank	l	1010	1010	1010
Machine weight	t	46	49	56

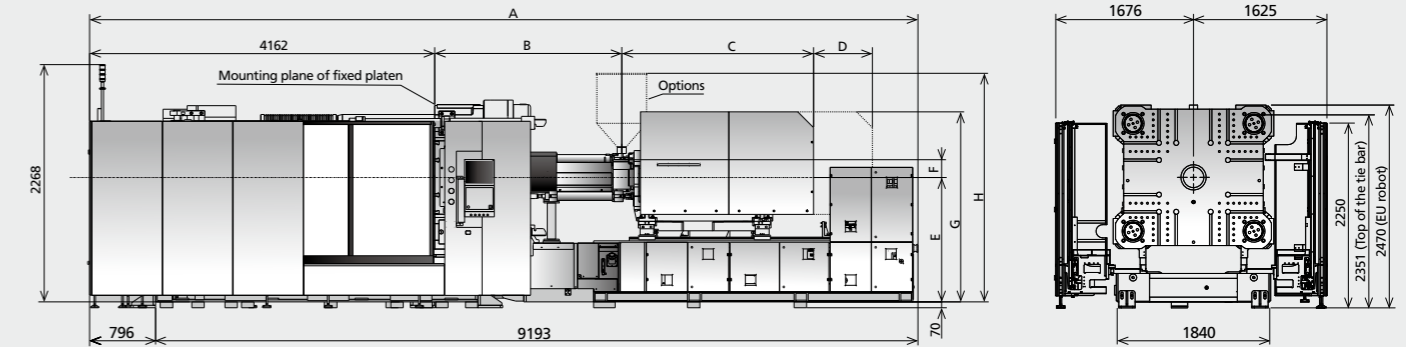
### NOTE:

- 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.

## Machine dimensions

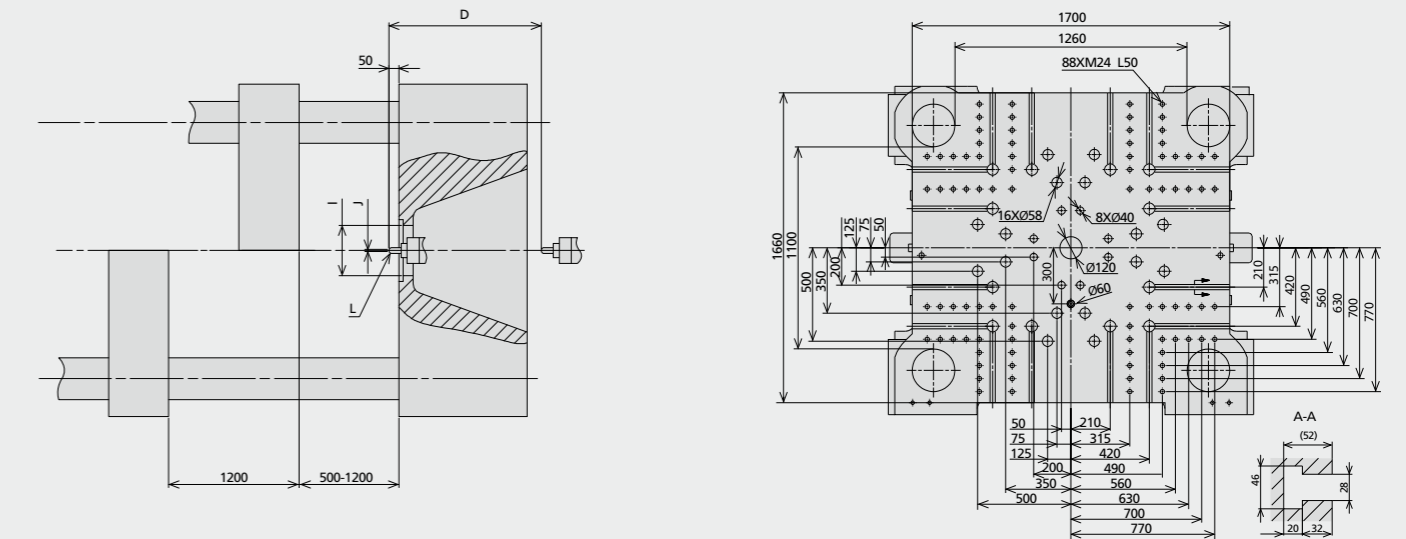
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
7000	9989	2504	2734	710	1570	233	2292	2757	200	Ø6	SR20
5200	9989	2256	2310	710	1570	215	2292	2757	200	Ø4	SR15
3350	9989	1821	2914	600	1570	307	2182	2757	200	Ø4	SR15

## Platen dimensions

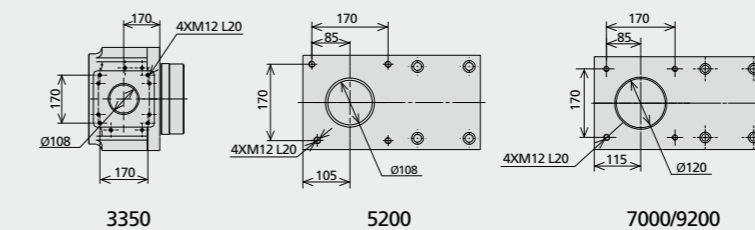
unit: mm



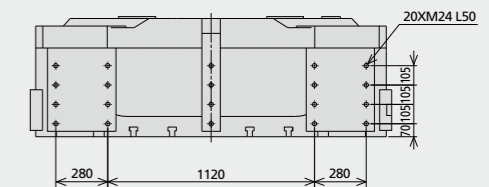
## Others dimensions

unit: mm

### Dimension for Hopper Installation



### Dimension for Robot Installation



# Technical data JE13000

## CLAMPING UNIT

		JE13000
Clamping force	kN	13000
Space between tie bars	mm	1420x1170
Max. mold height	mm	1350
Min. mold height	mm	600
Ejector stroke	mm	350
Ejector force	kN	230
Max. daylight	mm	2850
Mold opening stroke	mm	2250/1500
Max. mold weight ①	t	23
Min. mold dimension ②	mm	990x820
Mold platen dimension HxV	mm	2000x1770

## 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
Shot size (theoretical)	cm <sup>3</sup>	2262	2863	3534	2990	3691	4467	4006	4847	5768
Injection weight (PS)	g	2058	2605	3216	2721	3359	4065	3645	4411	5249
Injection speed	mm/s	160			150			150		
Injection rate	g/s	731	926	1143	868	1072	1297	1072	1297	1543
Injection pressure	Mpa	227	180	145	234	190	157	230	190	160
	bar	2270	1800	1450	2340	1900	1570	2300	1900	1600
Holding pressure	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 capacity (GPPS) ③	g/s	78	98	120	99	120	145	130	156	181
Plasticizing capacity (HDPE) ④	g/s	116	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		

## OTHERS

	5200	7000	9200	
Connection power	kW/A	185/311	205/344	250/420
Hopper	kg	none ( Options 100 )	none ( Options 100 )	none ( Options 200 )
Machine dimension	m	11.53x3.53x2.84	11.53x3.53x2.84	11.53x3.53x2.84
Oil tank	l	1360	1360	1360
Machine weight	t	67	73	73

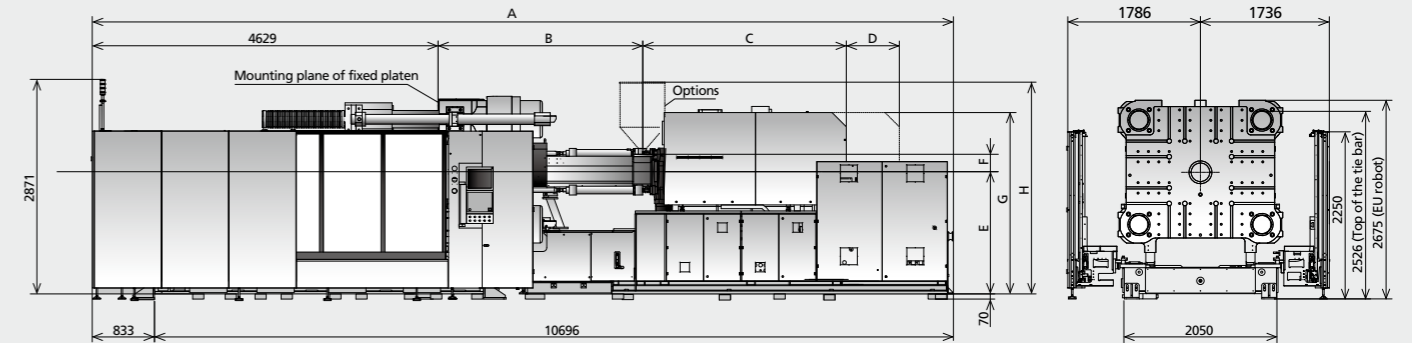
### NOTE:

- 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.

## Machine dimensions

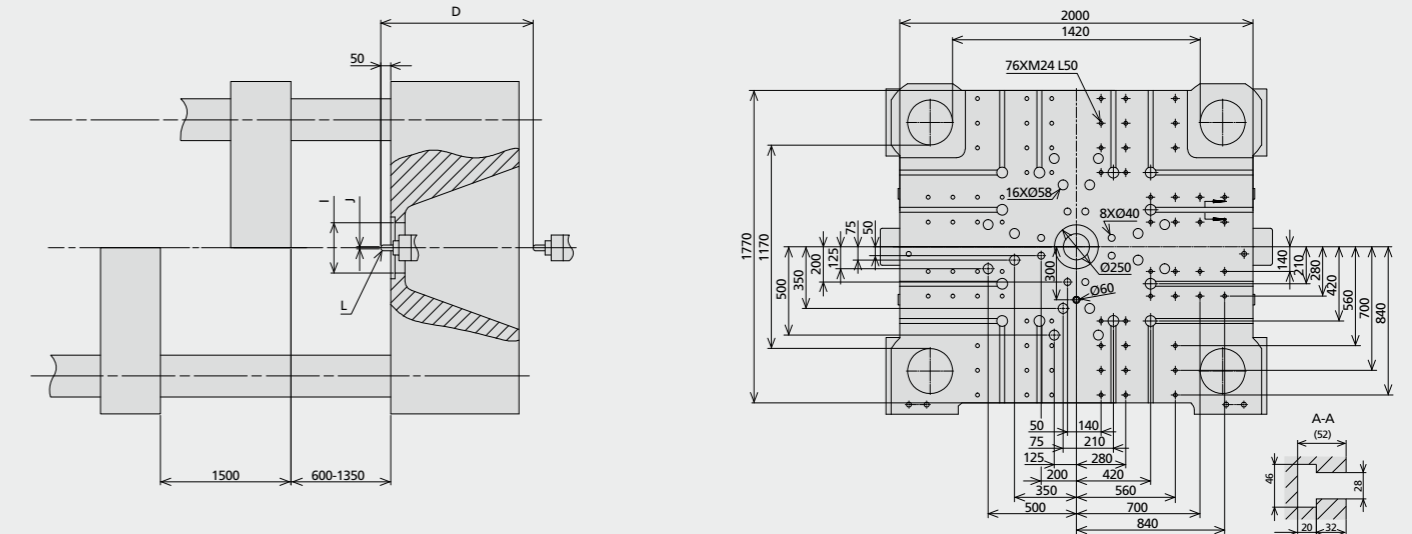
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
9200	11529	2730	2734	935	1635	233	2427	2835	250	Ø6	SR20
7000	11529	2504	2734	865	1635	233	2427	2835	250	Ø6	SR20
5200	11529	2257	2311	710	1635	215	2427	2835	250	Ø4	SR15

## Platen dimensions

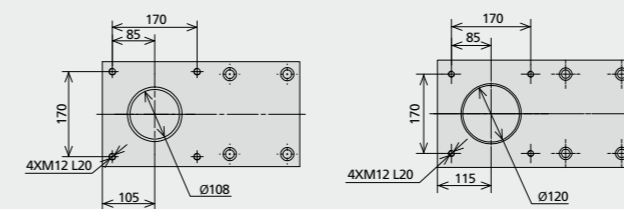
unit: mm



## Others dimensions

unit: mm

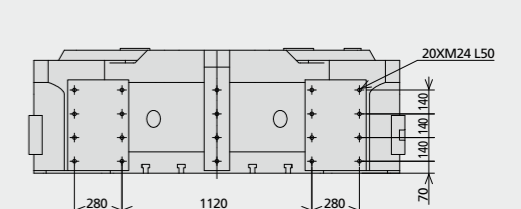
### Dimension for Hopper Installation



5200

7000/9200

### Dimension for Robot Installation



# Technical data JE16000

## CLAMPING UNIT

		JE16000
Clamping force	kN	16000
Space between tie bars	mm	1570x1285
Max. mold height	mm	1550
Min. mold height	mm	700
Ejector stroke	mm	400
Ejector force	kN	330
Max. daylight	mm	3250
Mold opening stroke	mm	2550/1700
Max. mold weight ①	t	33
Min. mold dimension ②	mm	1100x900
Mold platen dimension HxV	mm	2220x1950

## 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
Shot size (theoretical)	cm <sup>3</sup>	2262	2863	3534	2990	3691	4467	4006	4847	5768
Injection weight (PS)	g	2058	2605	3216	2721	3359	4065	3645	4411	5249
Injection speed	mm/s	160			150			150		
Injection rate	g/s	731	926	1143	868	1072	1297	1072	1297	1543
Injection pressure	Mpa	227	180	145	234	190	157	230	190	160
	bar	2270	1800	1450	2340	1900	1570	2300	1900	1600
Holding pressure	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 capacity (GPPS) ③	g/s	78	98	120	99	120	145	130	156	181
Plasticizing capacity (HDPE) ④	g/s	116	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		

## OTHERS

		185/311	205/344	250/420
Connection power	kW/A			
Hopper	kg	none ( Options 100 )	none ( Options 100 )	none ( Options 200 )
Machine dimension	m	12.11x3.91x2.92	12.11x3.91x2.92	12.11x3.91x2.92
Oil tank	l	1360	1360	1360
Machine weight	t	67	73	73

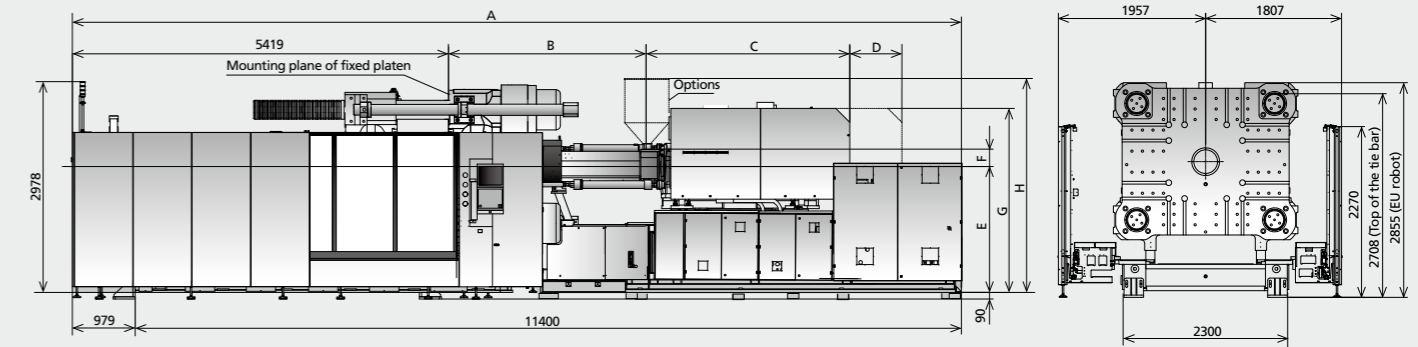
### NOTE:

- 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.

## Machine dimensions

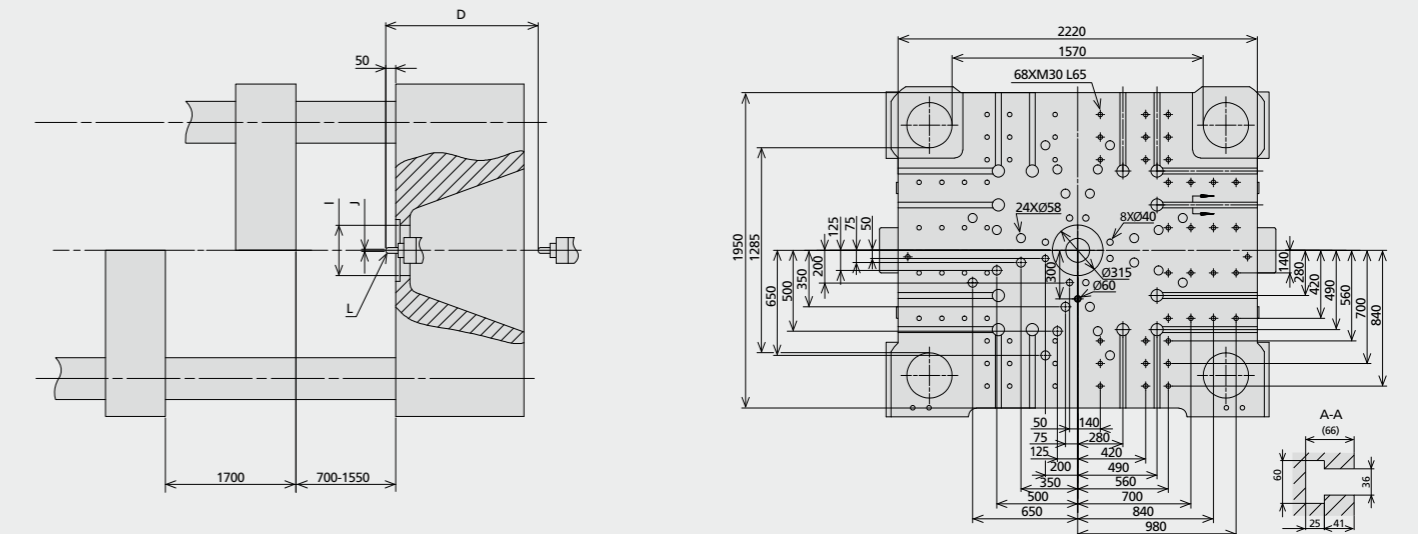
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
9200	12106	2730	2734	935	1715	233	2507	2915	315	Ø6	SR20
7000	12106	2504	2734	865	1715	233	2507	2915	315	Ø6	SR20
5200	12106	2257	2311	710	1715	215	2507	2915	315	Ø4	SR15

## Platen dimensions

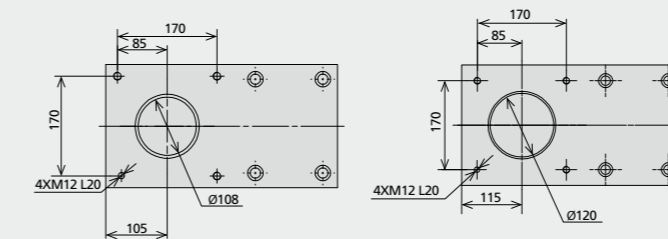
unit: mm



## Others dimensions

unit: mm

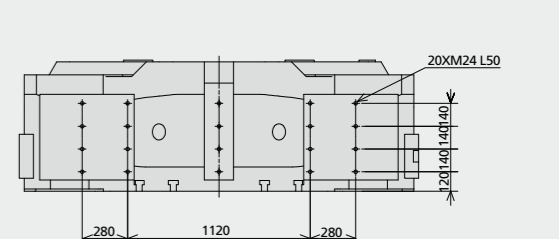
### Dimension for Hopper Installation



5200

7000/9200

### Dimension for Robot Installation



# Technical data JE18000

CLAMPING UNIT		JE18000
Clamping force	kN	18000
Space between tie bars	mm	1680×1520
Max. mold height	mm	1600
Min. mold height	mm	700
Ejector stroke	mm	450
Ejector force	kN	450
Max. daylight	mm	3300
Mold opening stroke	mm	2600/1700
Max. mold weight ①	t	40
Min. mold dimension ②	mm	1175×1065
Mold platen dimension H×V	mm	2340×2180

	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
Shot size (theoretical)	cm <sup>3</sup>	2262	2863	3534	2990	3691	4467	4006	4847	5768
Injection weight (PS)	g	2058	2605	3216	2721	3359	4065	3645	4411	5249
Injection speed	mm/s	160			150			150		
Injection rate	g/s	731	926	1143	868	1072	1297	1072	1297	1543
Injection pressure	Mpa	227	180	145	234	190	157	230	190	160
	bar	2270	1800	1450	2340	1900	1570	2300	1900	1600
Holding pressure	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 capacity (GPPS) ③	g/s	78	98	120	99	120	145	130	156	181
Plasticizing capacity (HDPE) ④	g/s	116	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		

OTHERS		5200	7000	9200
Connection power	kW/A	185/311	205/344	250/420
Hopper	kg	none ( Options 100 )	none ( Options 100 )	none ( Options 200 )
Machine dimension	m	12.39×3.91×3.08	12.39×3.91×3.08	12.39×3.91×3.08
Oil tank	l	1360	1360	1360
Machine weight	t	67	73	73

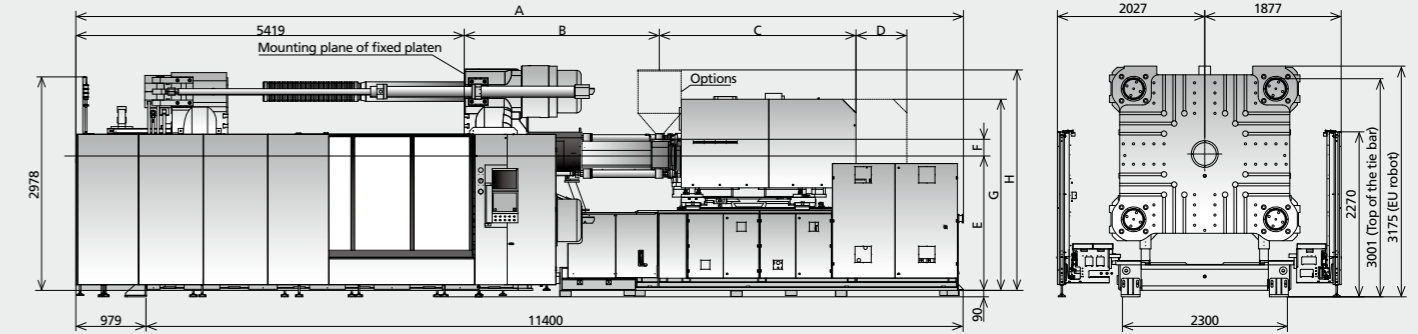
NOTE:

- 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.

## Machine dimensions

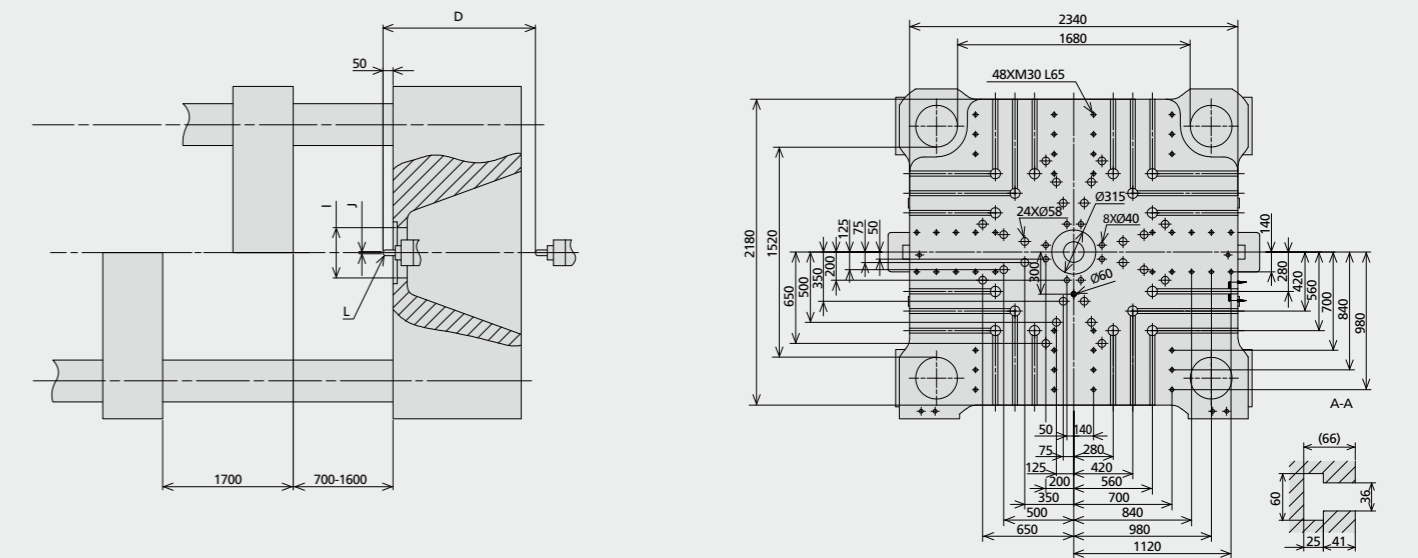
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
9200	12384	2730	2734	935	1875	233	2667	3075	315	Ø6	SR20
7000	12384	2504	2734	865	1875	233	2667	3075	315	Ø6	SR20
5200	12384	2257	2311	710	1875	215	2667	3075	315	Ø4	SR15

## Platen dimensions

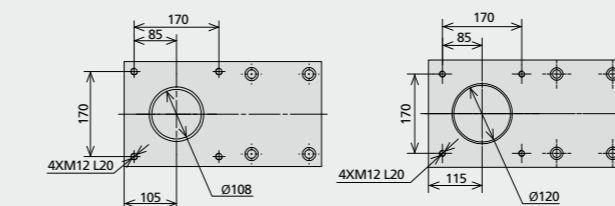
unit: mm



## Others dimensions

unit: mm

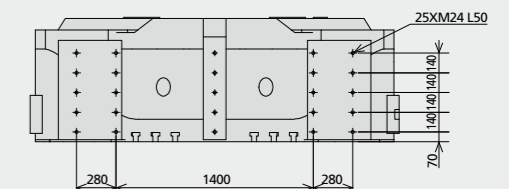
### Dimension for Hopper Installation



5200

7000/9200

### Dimension for Robot Installation



# Technical data JE18500

## CLAMPING UNIT

		JE18500
Clamping force	kN	18500
Space between tie bars	mm	1870×1425
Max. mold height	mm	1600
Min. mold height	mm	750
Ejector stroke	mm	450
Ejector force	kN	450
Max. daylight	mm	3350
Mold opening stroke	mm	2600/1750
Max. mold weight ①	t	50
Min. mold dimension ②	mm	1310×995
Mold platen dimension 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
Shot size (theoretical)	cm <sup>3</sup>	4006	4847	5768	5227	6220	7300	8362	9698	11133
Injection weight (PS)	g	3645	4411	5249	4756	5660	6643	7609	8825	10131
Injection speed	mm/s	150			130			130		
Injection rate	g/s	1072	1297	1543	1123	1337	1569	1569	1820	2089
Injection pressure	Mpa	230	190	160	230	205	175	213	184	160
	bar	2300	1900	1600	2300	2050	1750	2130	1840	1600
Holding pressure	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 capacity (GPPS) ③	g/s	130	156	181	163	189	218	198	226	258
Plasticizing capacity (HDPE) ④	g/s	190	228	260	250	290	310	280	310	360
Nozzle contact force	kN	94.8			136.1			136.1		
Heating power	kW	82.8			104			115.5		

## OTHERS

		250/420	246/412	306/514
Connection power	kW/A			
Hopper	kg	none ( Options 200 )	none ( Options 400 )	none ( Options 400 )
Machine dimension	m	13.2×5.3×3.8	13.77×5.33×3.82	13.77×5.33×3.82
Oil tank	l	1540	1540	1540
Machine weight	t	113	125	127

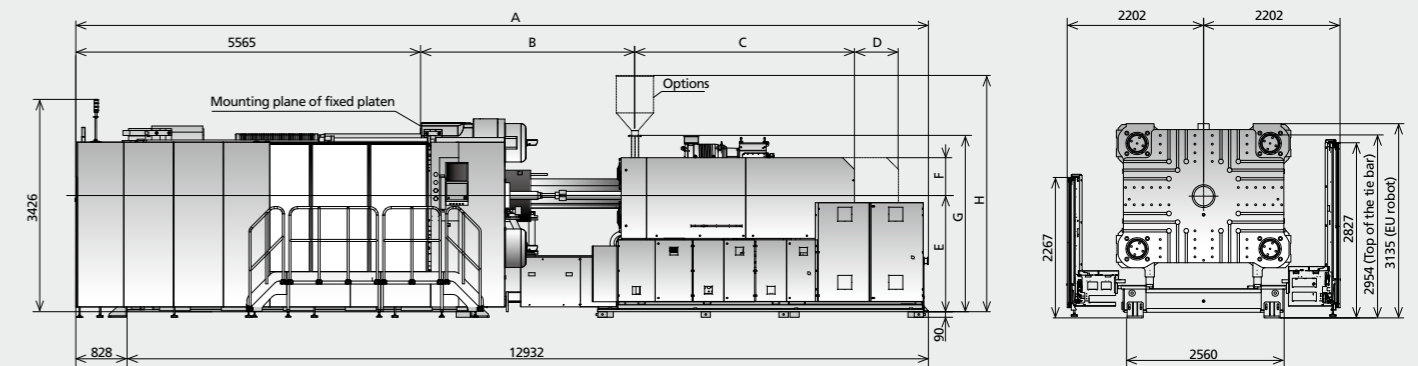
### NOTE:

- 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.

## Machine dimensions

unit: mm

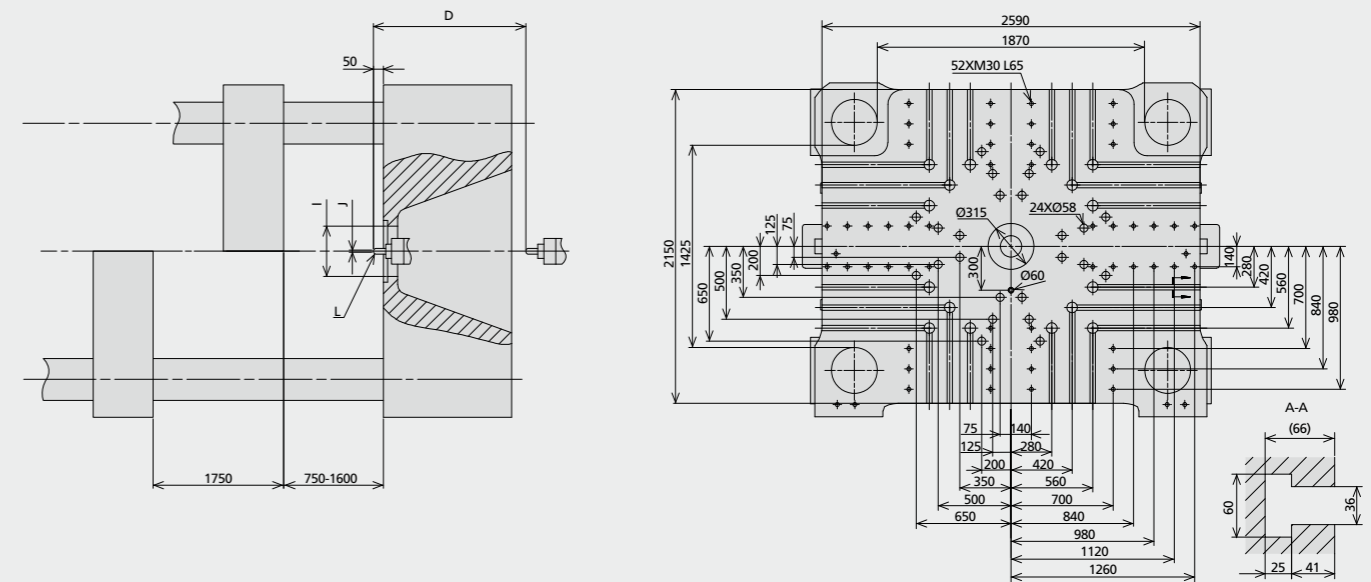


Note: The above-mentioned figures of the machine do not apply to the injection unit of 9200 and above.

INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
17800	13760	3453	3550	1080	1875	970	2485	3812	315	Ø8	SR20
12800	13760	3189	3550	1080	1875	970	2485	3812	315	Ø6	SR20

## Platen dimensions

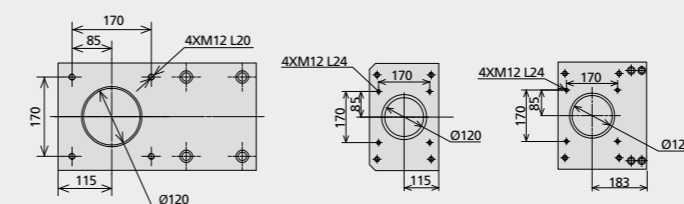
unit: mm



## Others dimensions

unit: mm

### Dimension for Hopper Installation

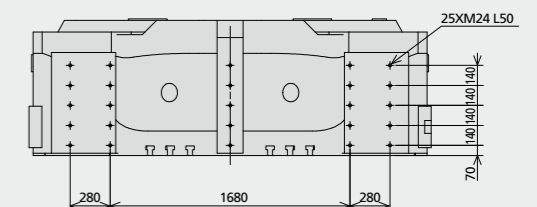


7000/9200

12800

17800

### Dimension for Robot Installation



# Technical data JE21000

## CLAMPING UNIT

		JE21000
Clamping force	kN	21000
Space between tie bars	mm	1855×1410
Max. mold height	mm	1700
Min. mold height	mm	800
Ejector stroke	mm	450
Ejector force	kN	450
Max. daylight	mm	3500
Mold opening stroke	mm	2700/1800
Max. mold weight ①	t	50
Min. mold dimension ②	mm	1230×985
Mold platen dimension 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
Shot size (theoretical)	cm <sup>3</sup>	4006	4847	5768	5227	6220	7300	8362	9698	11133
Injection weight (PS)	g	3645	4411	5249	4756	5660	6643	7609	8825	10131
Injection speed	mm/s	150			130			130		
Injection rate	g/s	1072	1297	1543	1123	1337	1569	1569	1820	2089
Injection pressure	Mpa	230	190	160	230	205	175	213	184	160
	bar	2300	1900	1600	2300	2050	1750	2130	1840	1600
Holding pressure	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 capacity (GPPS) ③	g/s	130	156	181	163	189	218	198	226	258
Plasticizing capacity (HDPE) ④	g/s	190	228	260	250	290	310	280	310	360
Nozzle contact force	kN	94.8			136.1			136.1		
Heating power	kW	82.8			104			115.5		

## OTHERS

		250/420	246/412	306/514
Connection power	kW/A			
Hopper	kg	none ( Options 200 )	none ( Options 400 )	none ( Options 400 )
Machine dimension	m	13.2×5.3×3.8	13.77×5.33×3.82	13.77×5.33×3.82
Oil tank	l	1800	1800	1800
Machine weight	t	115	127	129

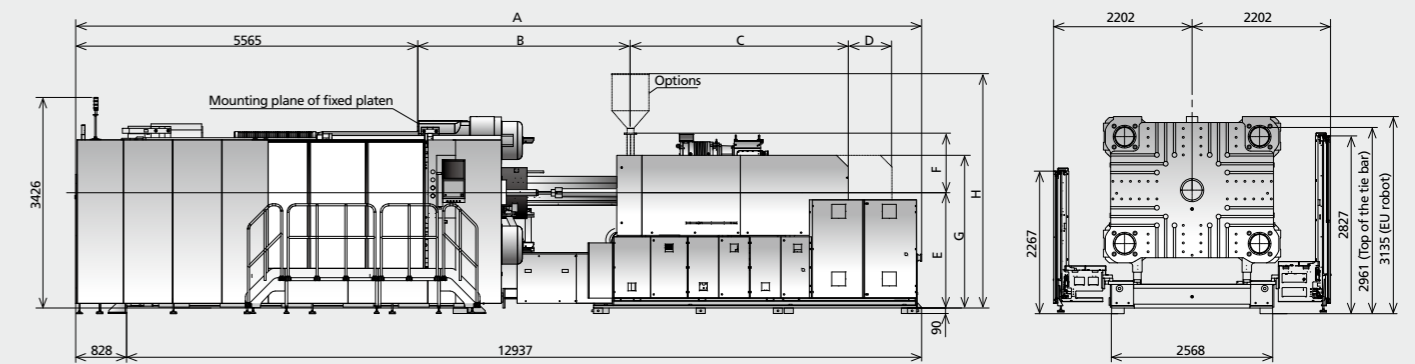
### NOTE:

- 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.

## Machine dimensions

unit: mm

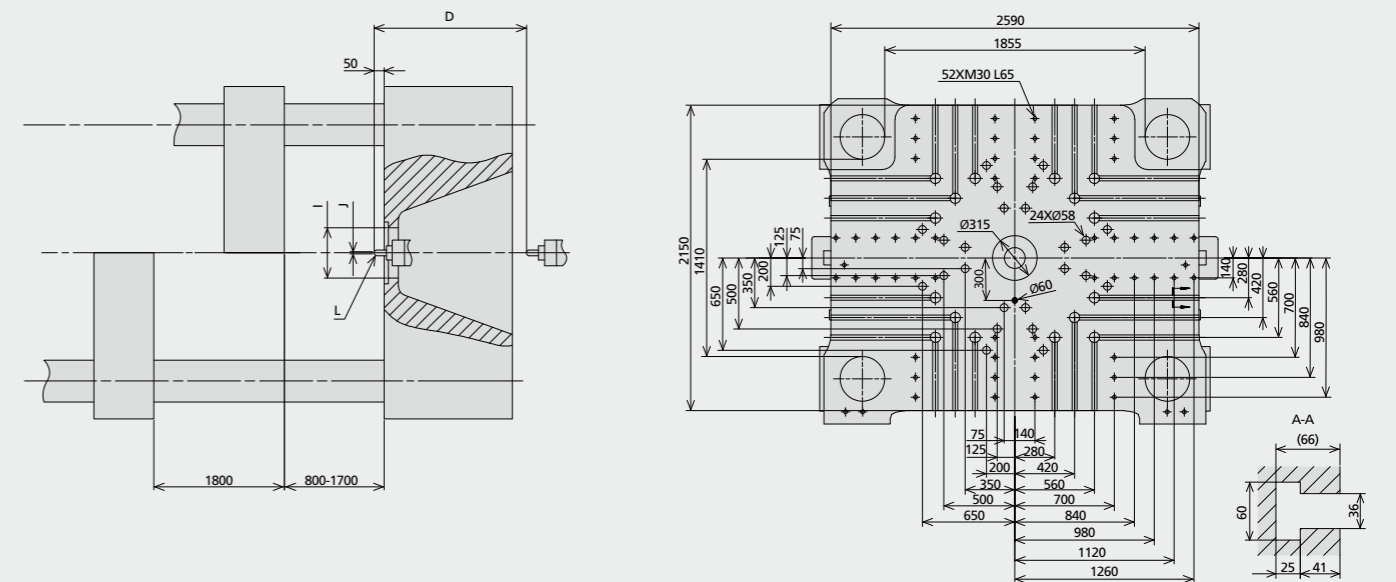


Note: The above-mentioned figures of the machine do not apply to the injection unit of 9200 and above.

INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
17800	13760	3453	3550	1080	1875	970	2485	3812	315	Ø8	SR20
12800	13760	3189	3550	1080	1875	970	2485	3812	315	Ø6	SR20

## Platen dimensions

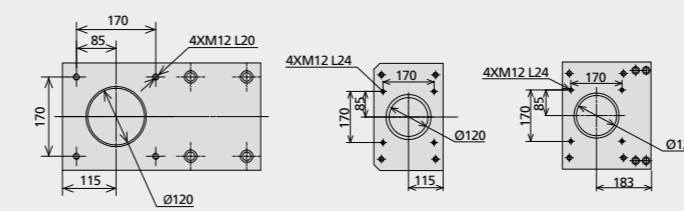
unit: mm



## Others dimensions

unit: mm

### Dimension for Hopper Installation

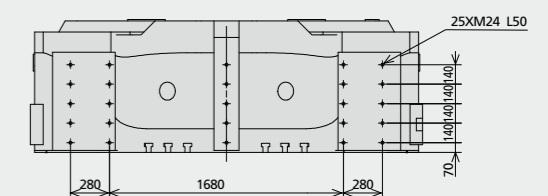


7000/9200

12800

17800

### Dimension for Robot Installation



# Technical data JE24000

CLAMPING UNIT		JE24000
Clamping force	kN	24000
Space between tie bars	mm	2020×1620
Max. mold height	mm	1800
Min. mold height	mm	800
Ejector stroke	mm	500
Ejector force	kN	450
Max. daylight	mm	3800
Mold opening stroke	mm	3000/2000
Max. mold weight ①	t	59
Min. mold dimension ②	mm	1415×1135
Mold platen dimension H×V	mm	2790×2390

	9200			12800			17800			
	A	B	C	A	B	C	A	B	C	
Screw diameter	mm	100	110	120	110	120	130	140	150	
Screw L/D ratio	L/D	24.2	22	20.2	26.2	24	22.2	24	22.3	20.8
Shot size (theoretical)	cm <sup>3</sup>	4006	4847	5768	5227	6220	7300	8362	9698	11133
Injection weight (PS)	g	3645	4411	5249	4756	5660	6643	7609	8825	10131
Injection speed	mm/s	150			130			130		
Injection rate	g/s	1072	1297	1543	1123	1337	1569	1569	1820	2089
Injection pressure	Mpa	230	190	160	230	205	175	213	184	160
	bar	2300	1900	1600	2300	2050	1750	2130	1840	1600
Holding pressure	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 capacity (GPPS) ③	g/s	130	156	181	163	189	218	198	226	258
Plasticizing capacity (HDPE) ④	g/s	190	228	260	250	290	310	280	310	360
Nozzle contact force	kN	94.8			136.1			136.1		
Heating power	kW	82.8			104			115.5		

OTHERS		250/420	246/412	306/514
Connection power	kW/A			
Hopper	kg	none ( Options 200 )	none ( Options 400 )	none ( Options 400 )
Machine dimension	m	13.7×5.6×4	14.16×5.58×4.02	14.16×5.58×4.02
Oil tank	l	2310	2310	2310
Machine weight	t	126	138	139

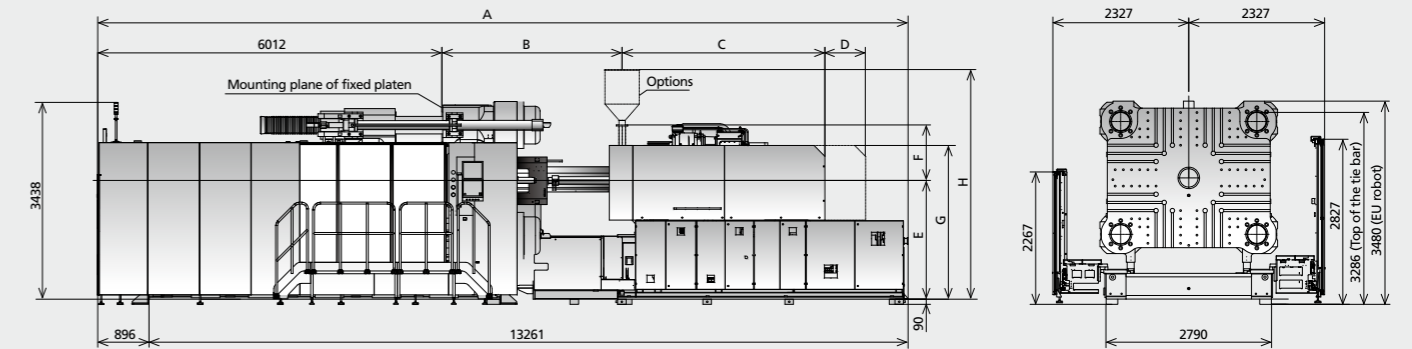
**NOTE:**

- 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.

## Machine dimensions

unit: mm

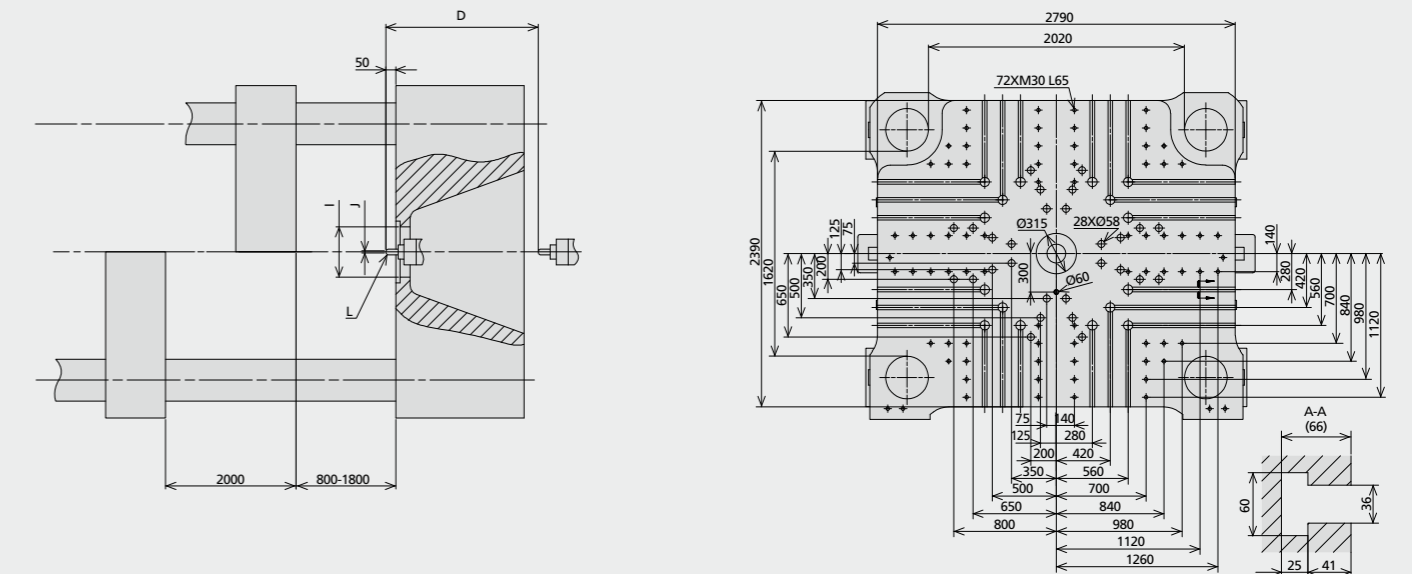


Note: The above-mentioned figures of the machine do not apply to the injection unit of 9200 and above.

INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
17800	14157	3453	3550	1080	2075	970	2685	4012	315	Ø8	SR20
12800	14157	3189	3550	1080	2075	970	2685	4012	315	Ø6	SR20

## Platen dimensions

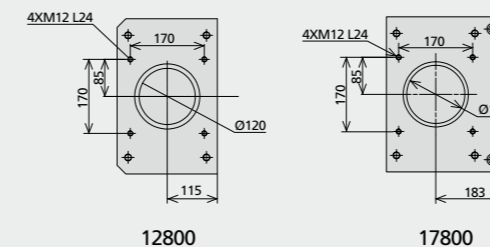
unit: mm



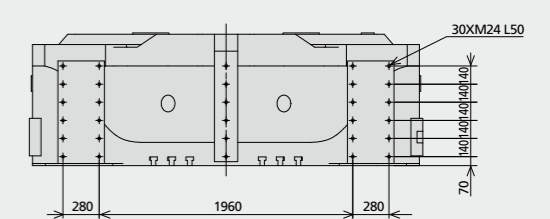
## Others dimensions

unit: mm

### Dimension for Hopper Installation



### Dimension for Robot Installation





# Technical data JE28000

## CLAMPING UNIT

		JE28000
Clamping force	kN	28000
Space between tie bars	mm	2185×1755
Max. mold height	mm	2000
Min. mold height	mm	800
Ejector stroke	mm	500
Ejector force	kN	450
Max. daylight	mm	4100
Mold opening stroke	mm	3300/2100
Max. mold weight ①	t	66
Min. mold dimension ②	mm	1530×1230
Mold platen dimension H×V	mm	3005×2575

## 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
Shot size (theoretical)	cm <sup>3</sup>	5227	6220	7300	8362	9698	11133	10468	12017
Injection weight (PS)	g	4756	5660	6643	7609	8825	10131	9525	10935
Injection speed	mm/s	130			130			130	
Injection rate	g/s	1123	1337	1569	1569	1820	2089	1820	2089
Injection pressure	Mpa	230	205	175	213	184	160	218	190
	bar	2300	2050	1750	2130	1840	1600	2180	1900
Holding pressure	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 capacity (GPPS) ③	g/s	163	189	218	198	226	258	200	230
Plasticizing capacity (HDPE) ④	g/s	250	290	310	280	310	360	330	380
Nozzle contact force	kN	136.1			136.1			136.1	
Heating power	kW	104			115.5			133	

## OTHERS

		246/412	306/514	330/554
Connection power	kW/A			
Hopper	kg	none ( Options 400 )	none ( Options 400 )	none ( Options 400 )
Machine dimension	m	14.86×5.66×4.23	14.86×5.66×4.23	14.86×5.66×4.47
Oil tank	l	2540	2540	2540
Machine weight	t	167	168	170

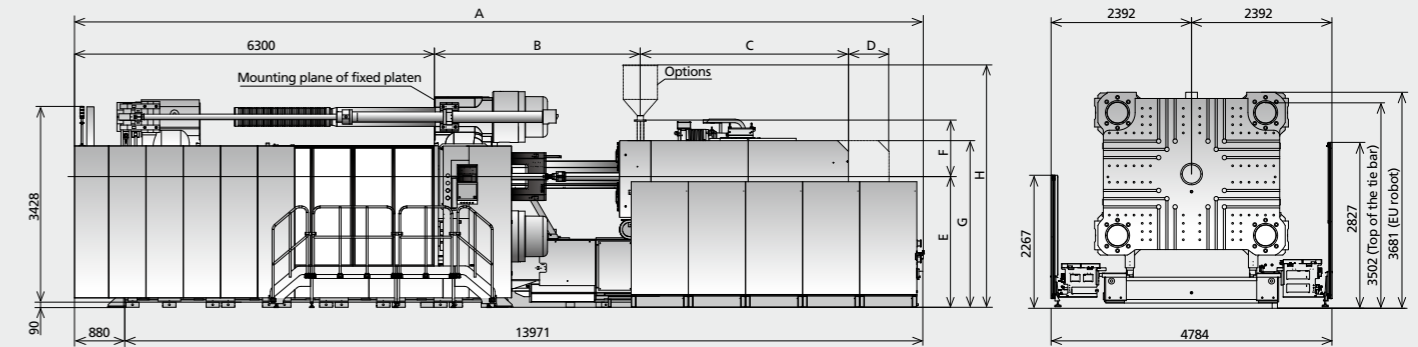
### NOTE:

- 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.

## Machine dimensions

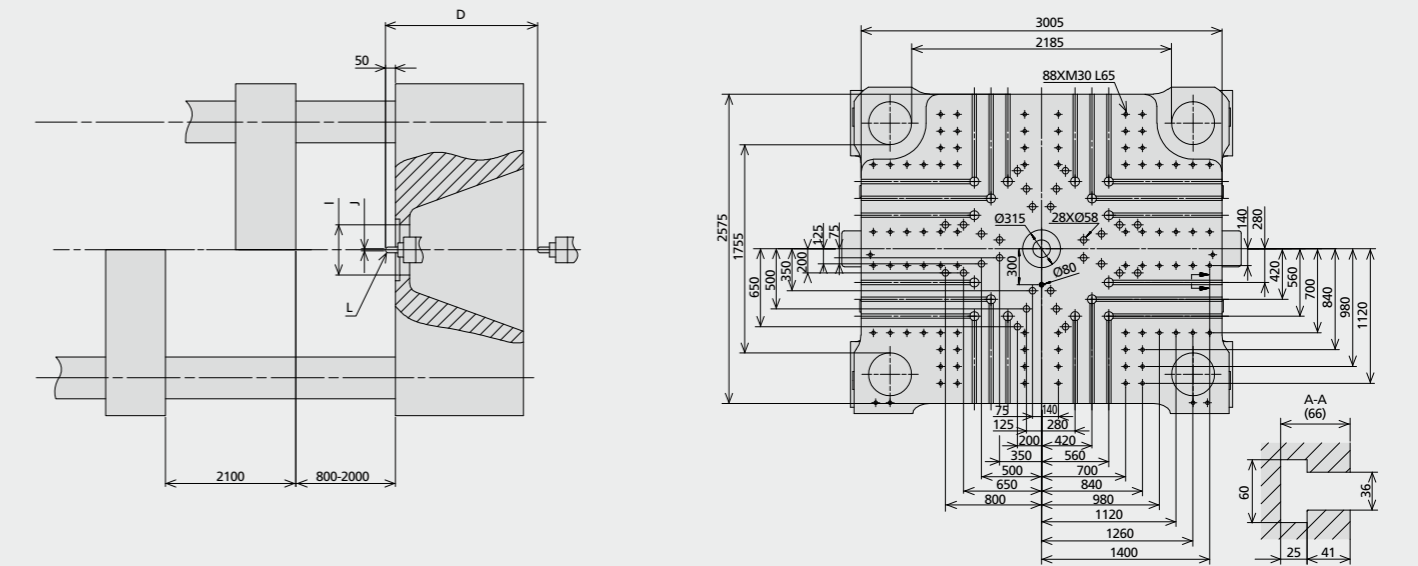
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
22800	14858	3726	3522	1280	2288	1210	2918	4465	315	Ø8	SR20
17800	14858	3453	3550	1280	2288	970	2918	4225	315	Ø8	SR20
12800	14858	3189	3550	1280	2288	970	2918	4225	315	Ø6	SR20

## Platen dimensions

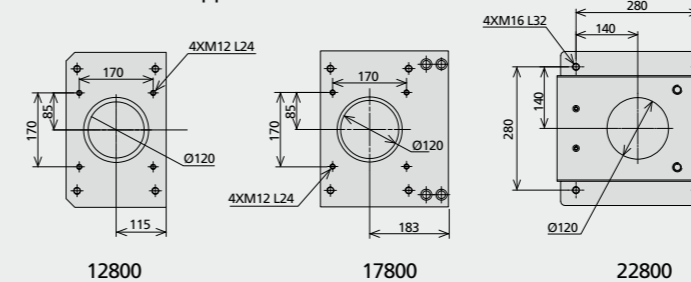
unit: mm



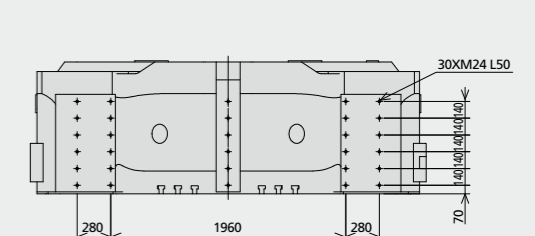
## Others dimensions

unit: mm

### Dimension for Hopper Installation



### Dimension for Robot Installation



# Technical data JE33000

CLAMPING UNIT		JE33000
Clamping force	kN	33000
Space between tie bars	mm	2270×1820
Max. mold height	mm	2000
Min. mold height	mm	1000
Ejector stroke	mm	550
Ejector force	kN	580
Max. daylight	mm	4200
Mold opening stroke	mm	3200/2200
Max. mold weight ①	t	75
Min. mold dimension ②	mm	1590×1275
Mold platen dimension H×V	mm	3175×2725

	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
Shot size (theoretical)	cm <sup>3</sup>	5227	6220	7300	8362	9698	11133	10468	12017
Injection weight (PS)	g	4756	5660	6643	7609	8825	10131	9525	10935
Injection speed	mm/s	130			130			130	
Injection rate	g/s	1123	1337	1569	1569	1820	2089	1820	2089
Injection pressure	Mpa	230	205	175	213	184	160	218	190
	bar	2300	2050	1750	2130	1840	1600	2180	1900
Holding pressure	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 capacity (GPPS) ③	g/s	163	189	218	198	226	258	200	230
Plasticizing capacity (HDPE) ④	g/s	250	290	310	280	310	360	330	380
Nozzle contact force	kN	136.1			136.1			136.1	
Heating power	kW	104			115.5			133	

OTHERS		12800	17800	22800
Connection power	kW/A	246/412	306/514	330/554
Hopper	kg	none ( Options 400 )	none ( Options 400 )	none ( Options 400 )
Machine dimension	m	15.13×5.91×4.38	15.13×5.91×4.38	15.13×5.91×4.62
Oil tank	l	2540	2540	2540
Machine weight	t	192	193	195

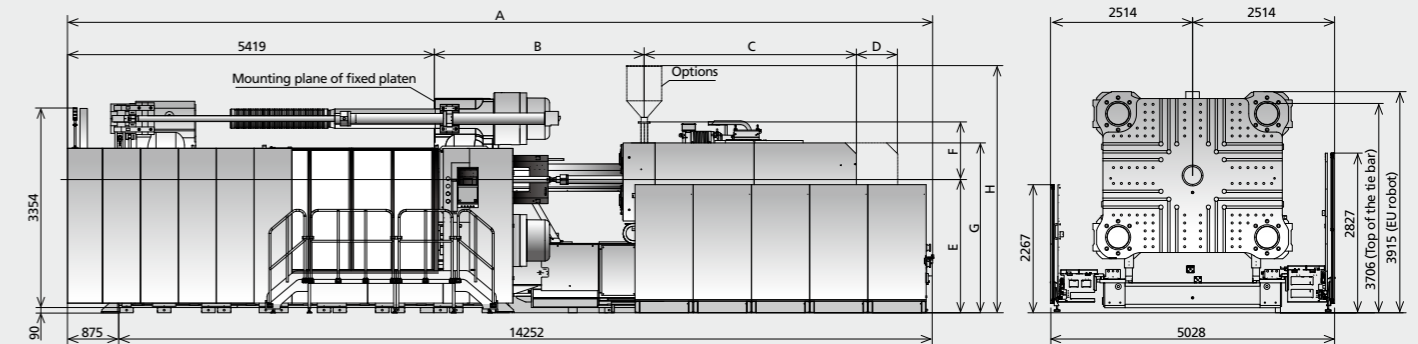
**NOTE:**

- 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.

## Machine dimensions

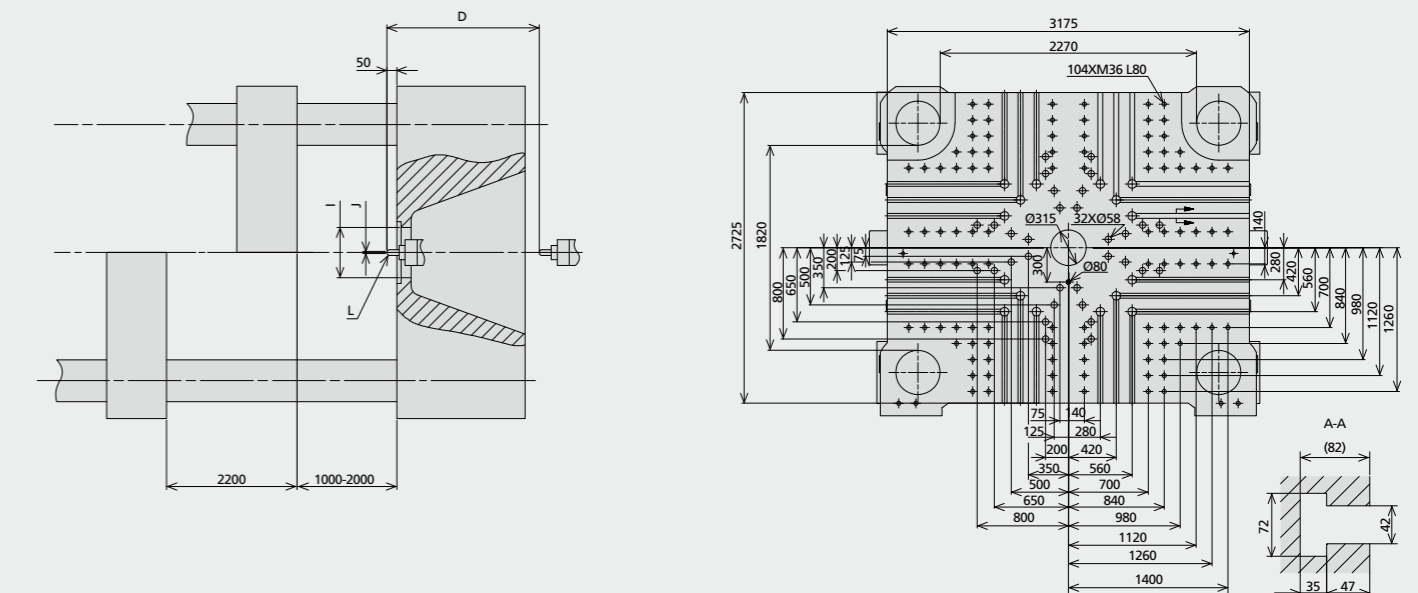
unit: mm



INJECTION UNIT	A	B	C	D	E	F	G	H	I	J	L
22800	15127	3726	3522	1280	2430	1210	3066	4612	315	Ø8	SR20
17800	15127	3453	3550	1280	2430	970	3066	4373	315	Ø8	SR20
12800	15127	3189	3550	1280	2430	970	3066	4373	315	Ø6	SR20

## Platen dimensions

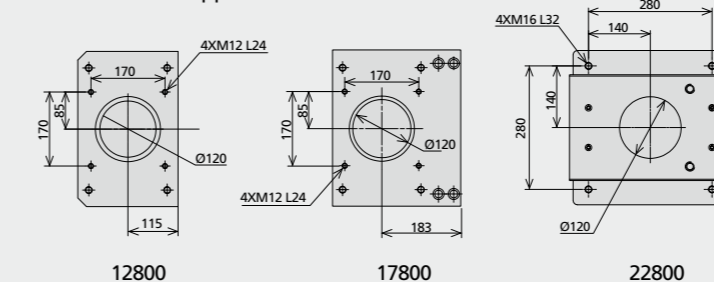
unit: mm



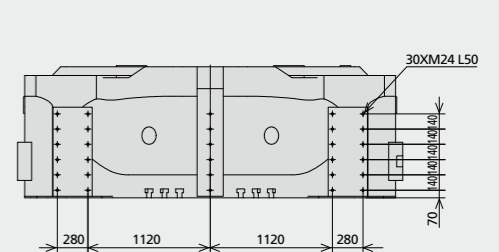
## Others dimensions

unit: mm

### Dimension for Hopper Installation



### Dimension for Robot Installation



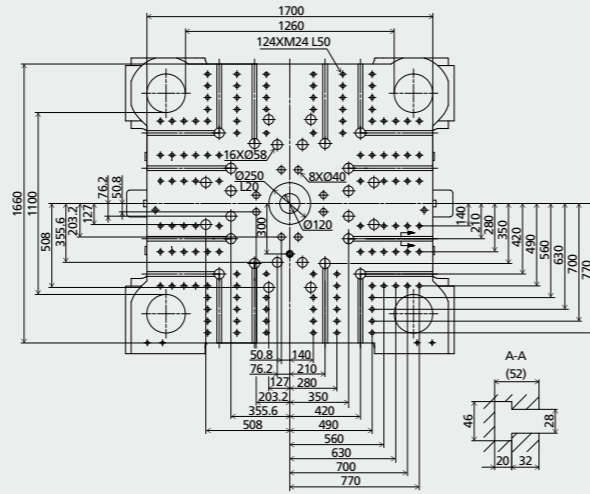
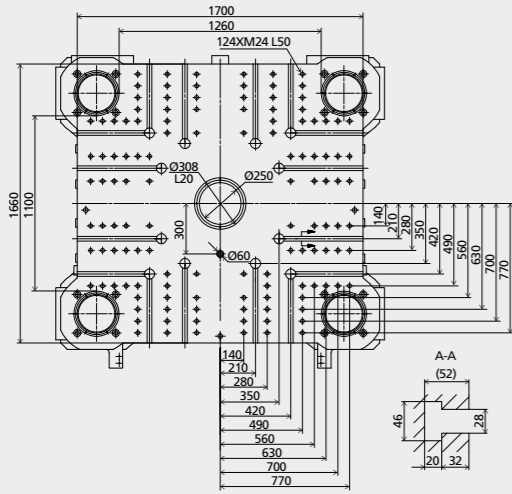
# Platen Layout JE10800

European version

unit: mm

Fixed platen

Movable platen

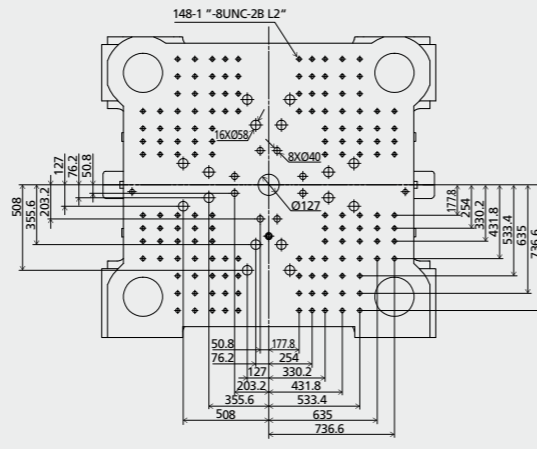
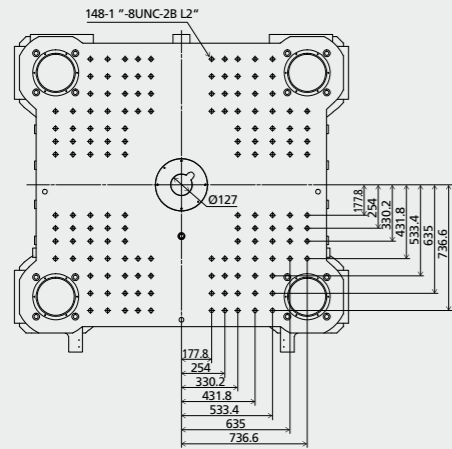


American version

unit: mm

Fixed platen

Movable platen

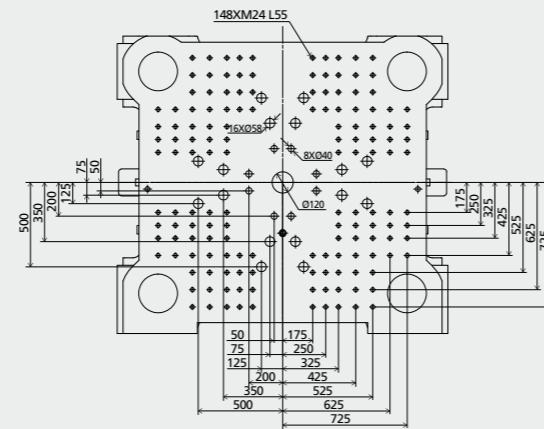
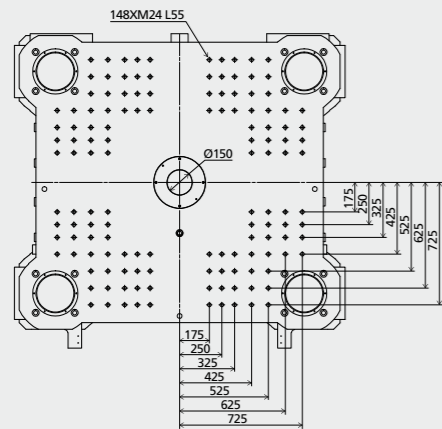


Japanese version

unit: mm

Fixed platen

Movable platen



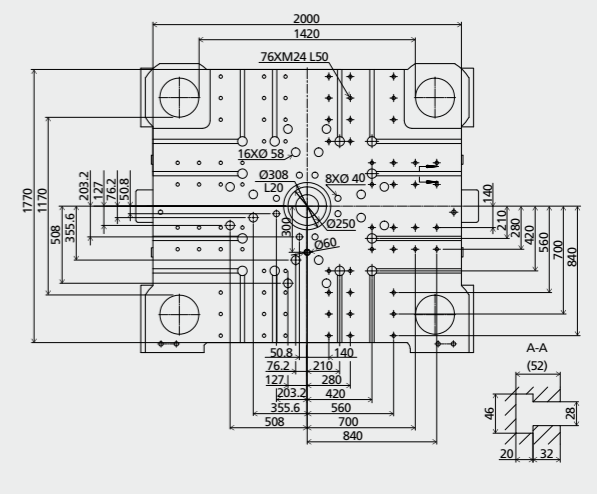
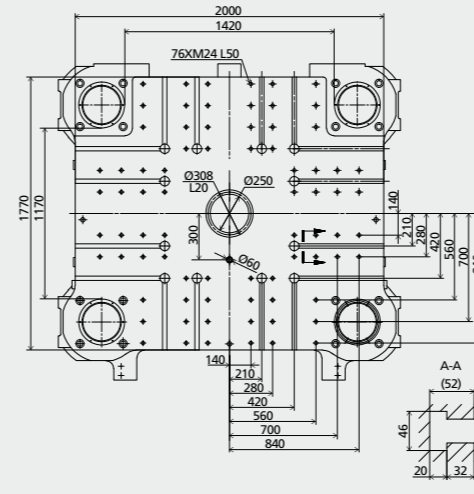
# Platen Layout JE13000

European version

unit: mm

Fixed platen

Movable platen

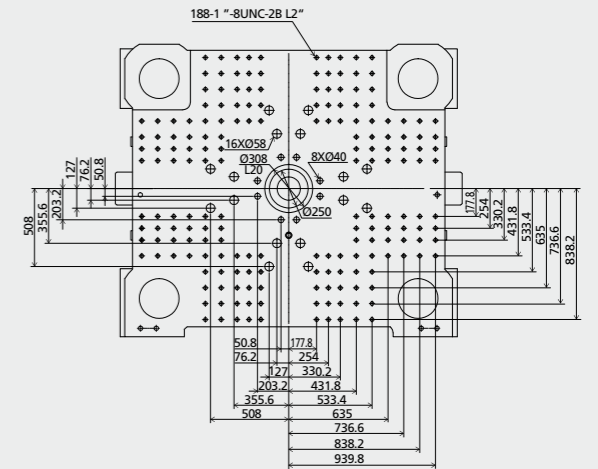
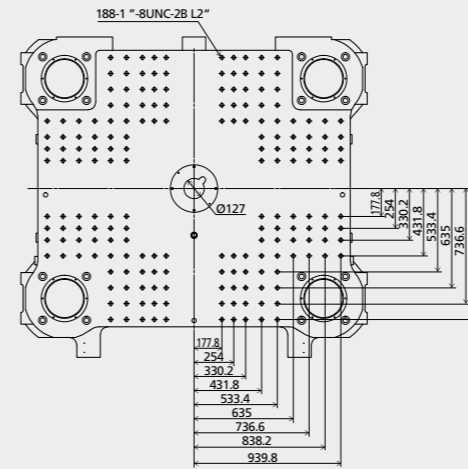


American version

unit: mm

Fixed platen

Movable platen

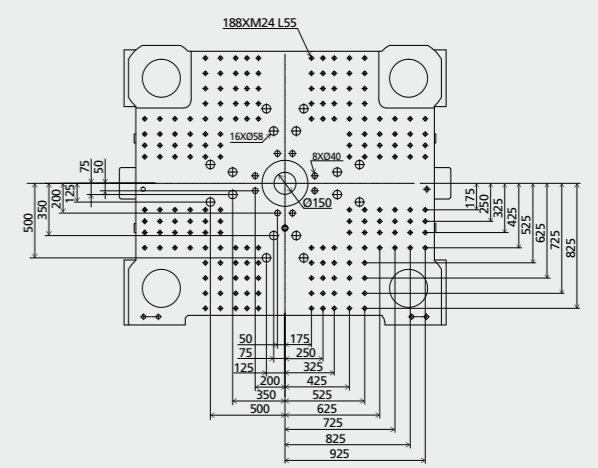
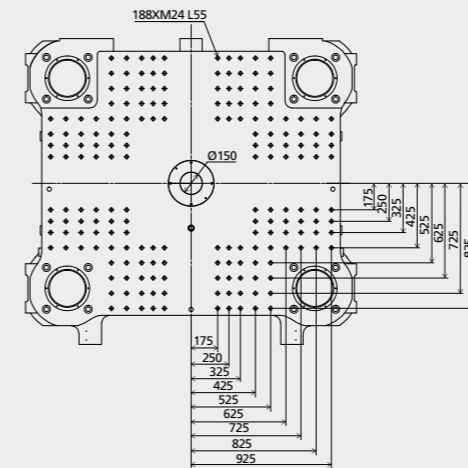


Japanese version

unit: mm

Fixed platen

Movable platen



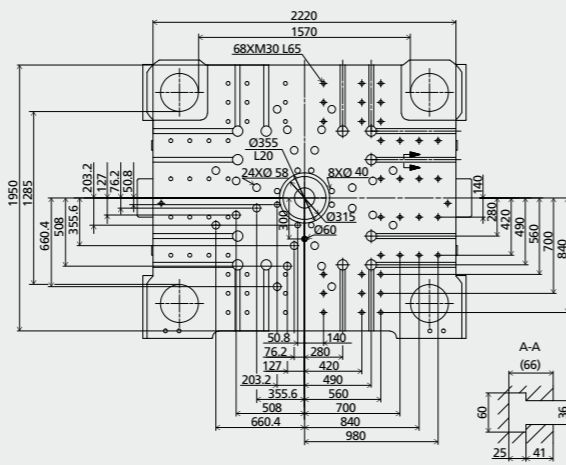
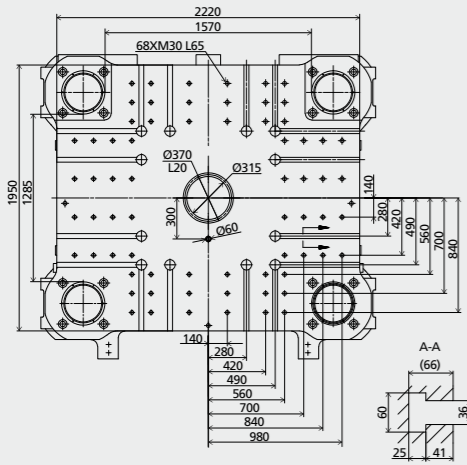
# Platen Layout JE16000

European version

unit: mm

Fixed platen

Movable platen

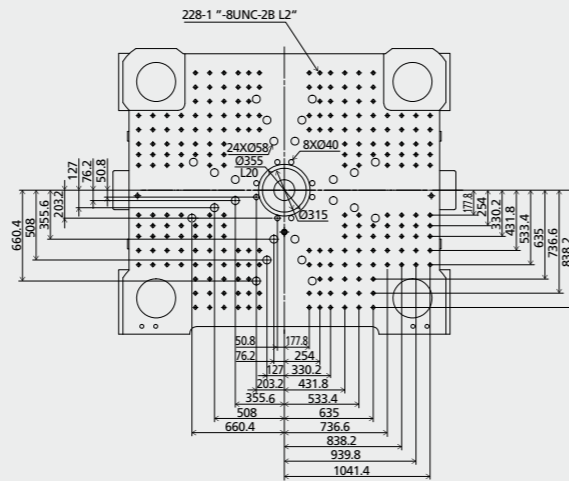
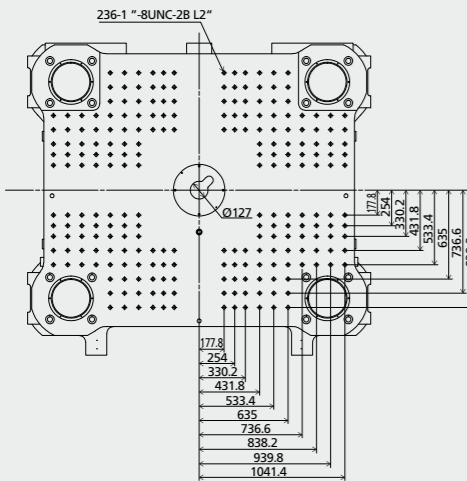


American version

unit: mm

Fixed platen

Movable platen

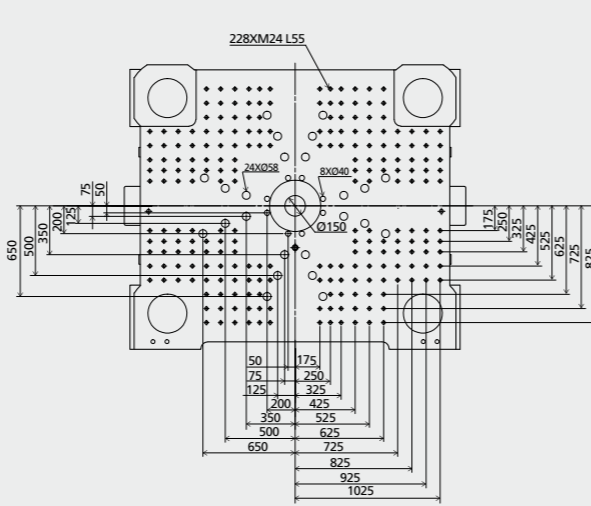
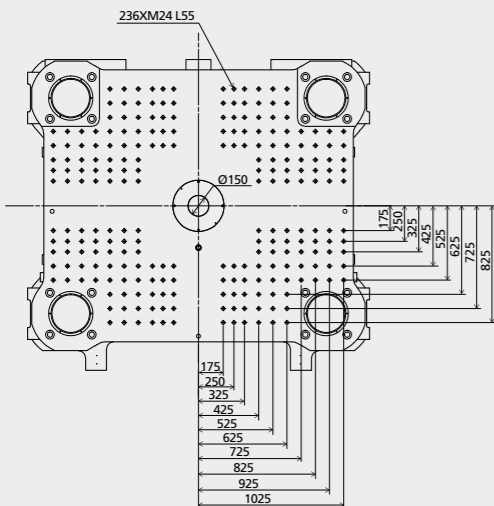


Japanese version

unit: mm

Fixed platen

Movable platen



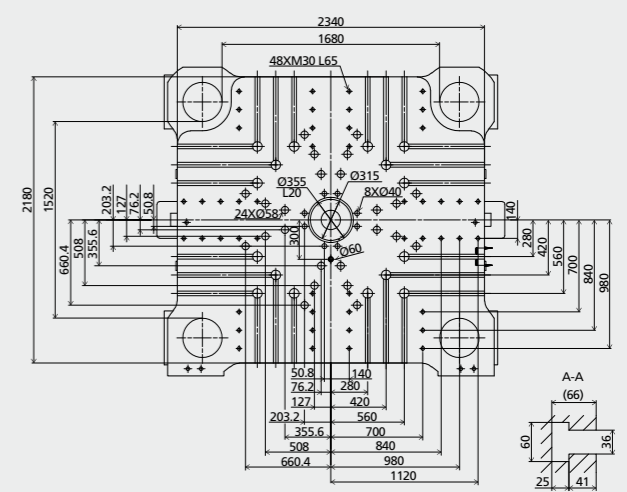
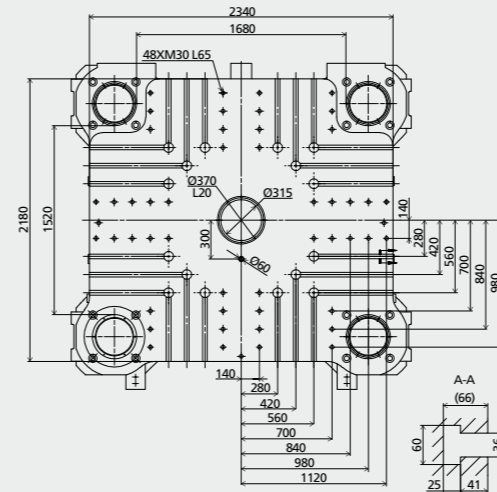
# Platen Layout JE18000

European version

unit: mm

Fixed platen

Movable platen

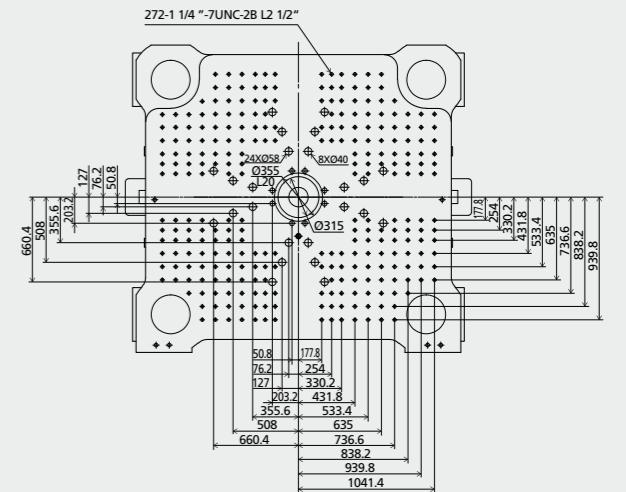
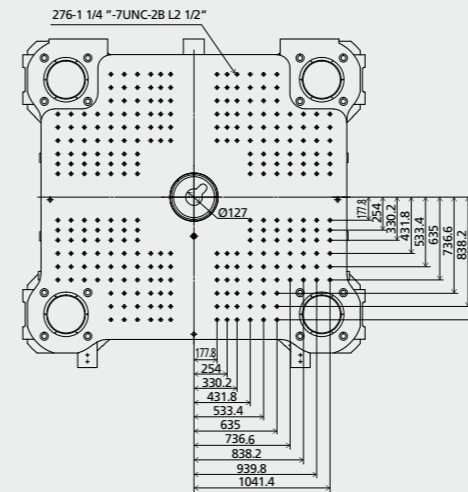


American version

unit: mm

Fixed platen

Movable platen

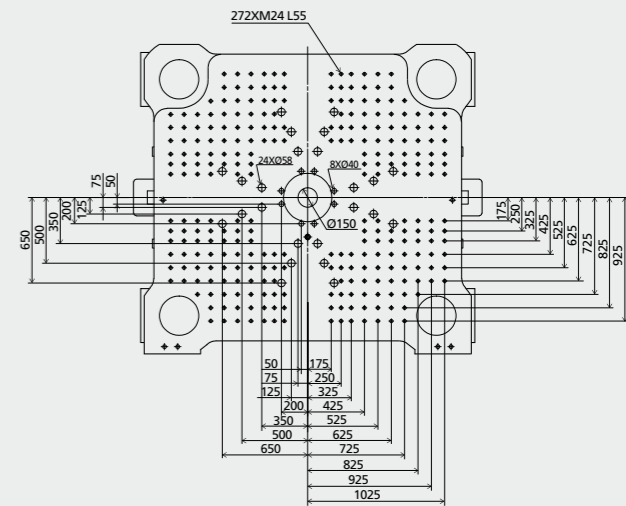
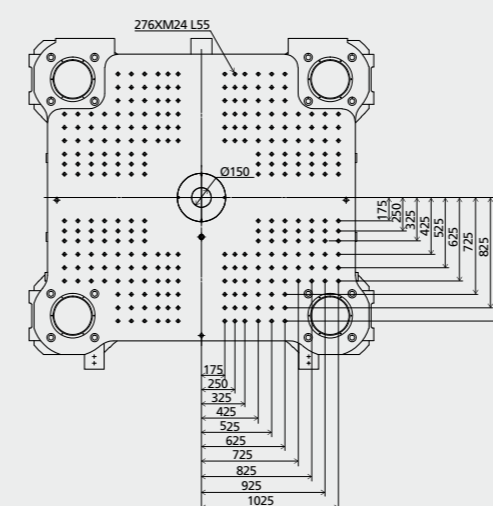


Japanese version

unit: mm

Fixed platen

Movable platen



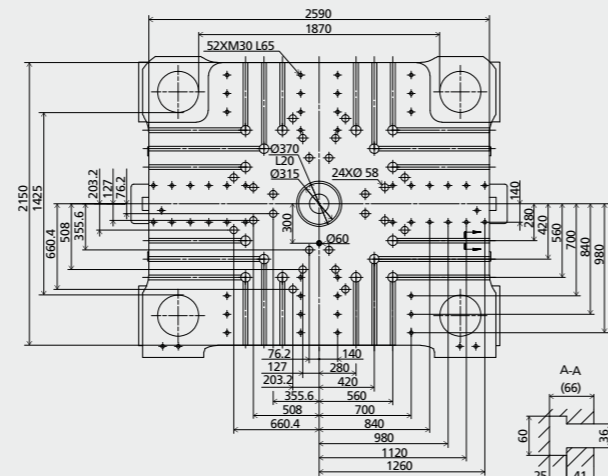
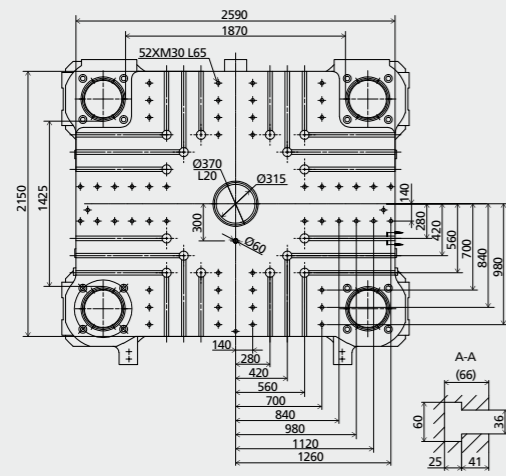
# Platen Layout JE18500

European version

unit: mm

Fixed platen

Movable platen

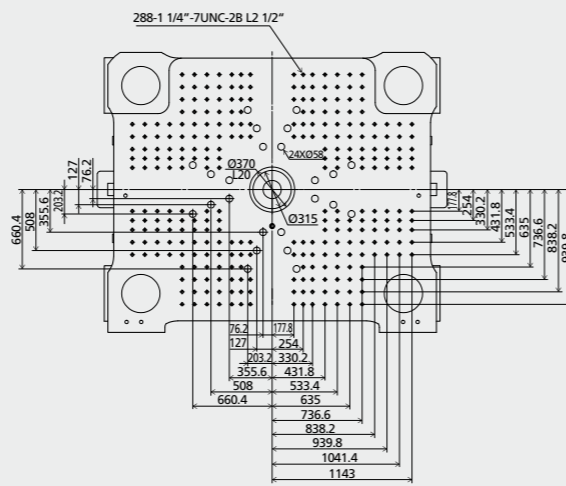
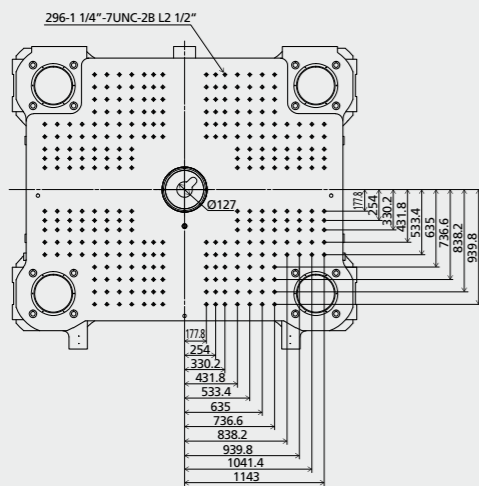


American version

unit: mm

Fixed platen

Movable platen

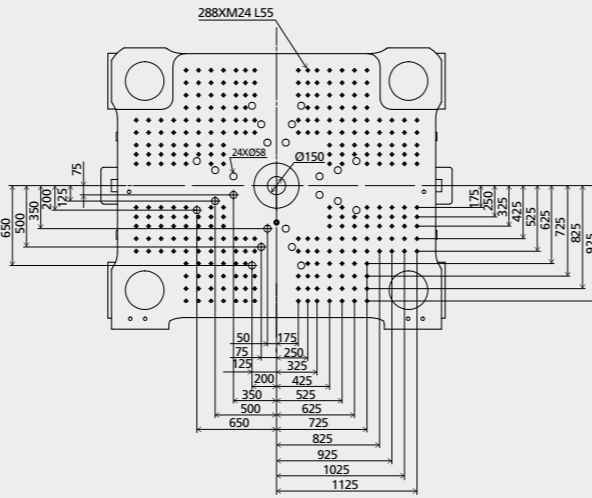
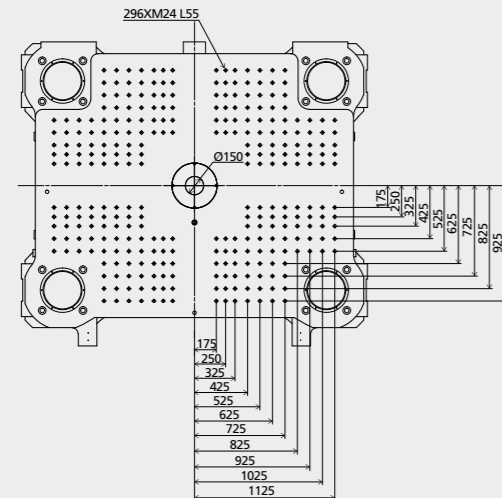


Japanese version

unit: mm

Fixed platen

Movable platen



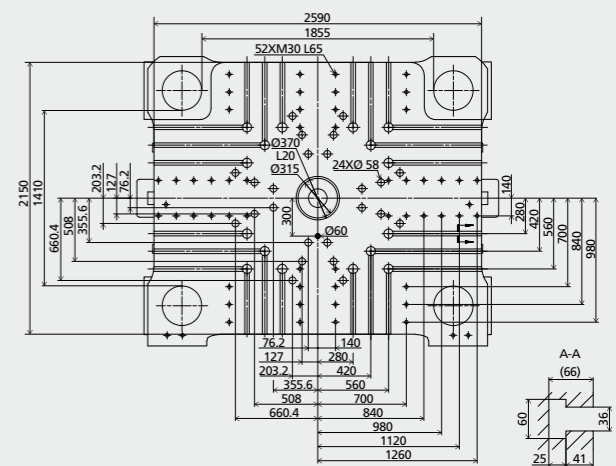
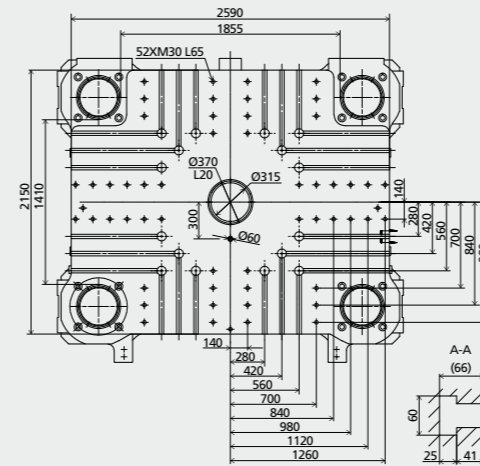
# Platen Layout JE21000

European version

unit: mm

Fixed platen

Movable platen

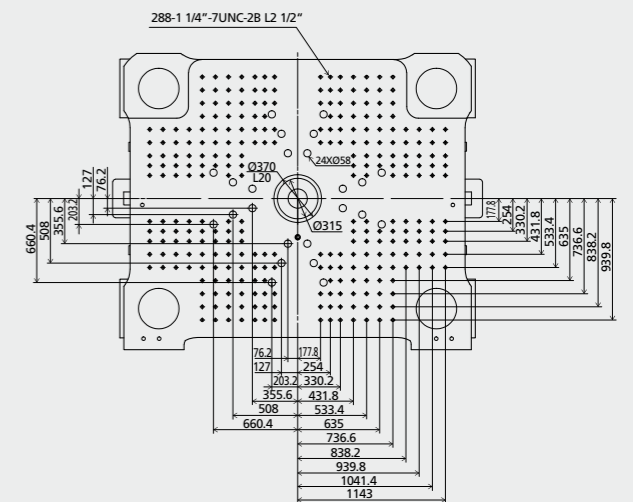
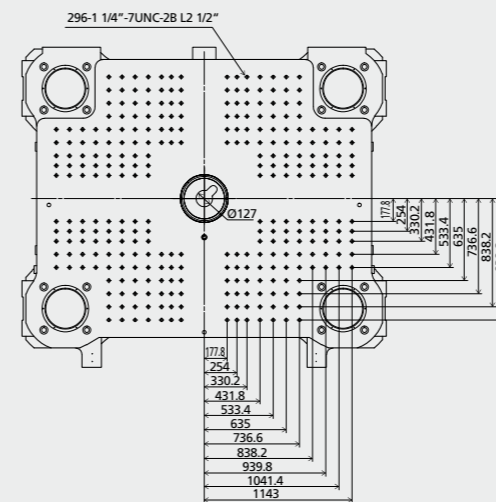


American version

unit: mm

Fixed platen

Movable platen

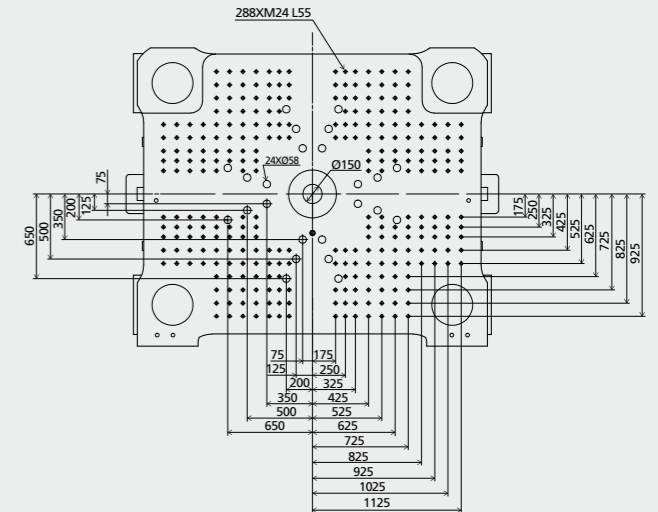
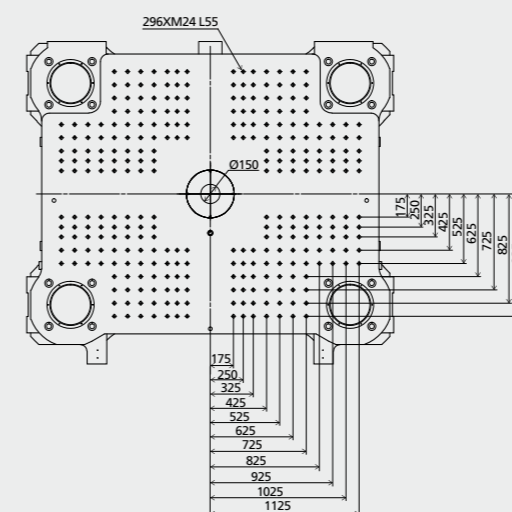


Japanese version

unit: mm

Fixed platen

Movable platen



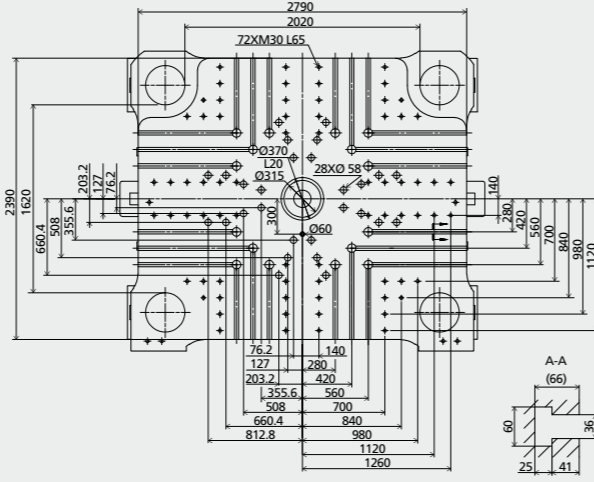
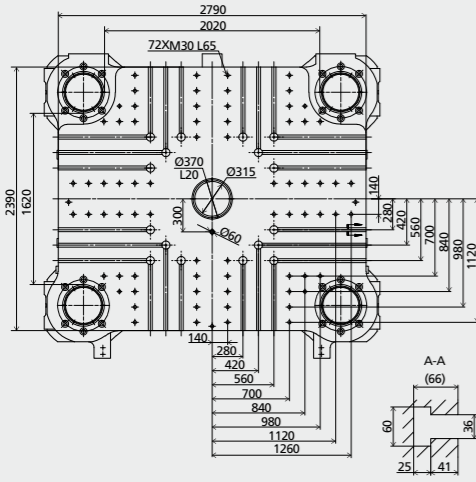
# Platen Layout JE24000

European version

unit: mm

Fixed platen

Movable platen

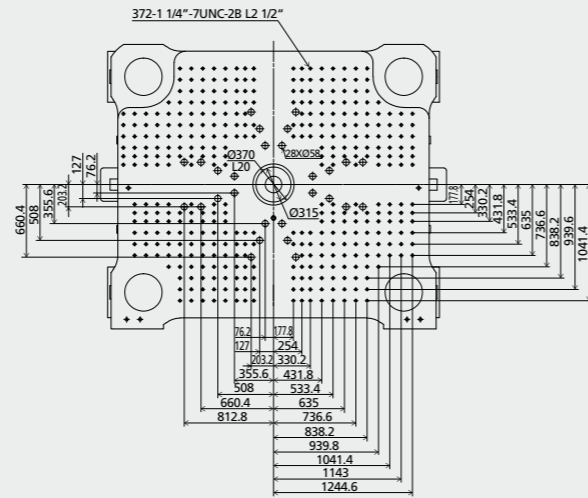
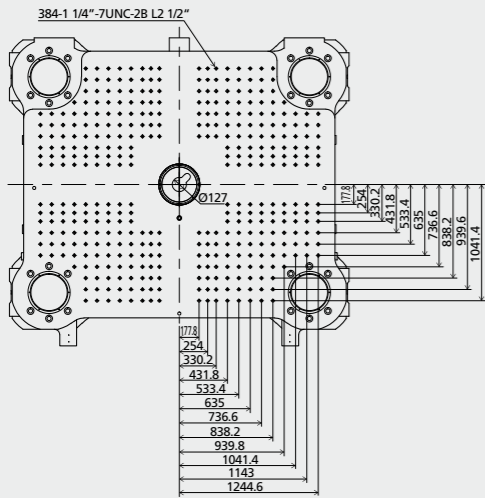


American version

unit: mm

Fixed platen

Movable platen

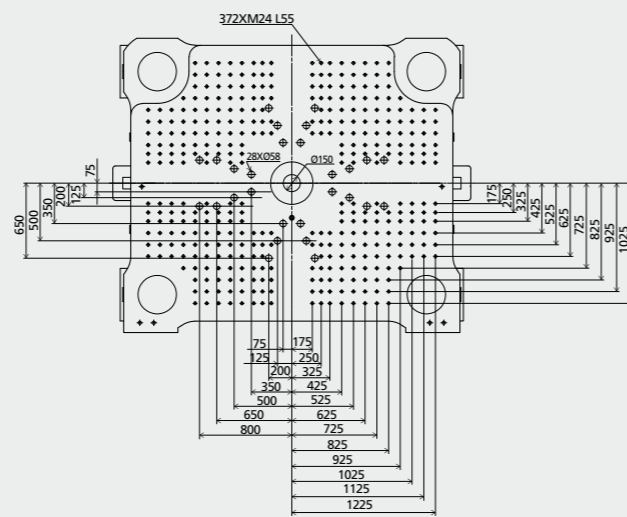
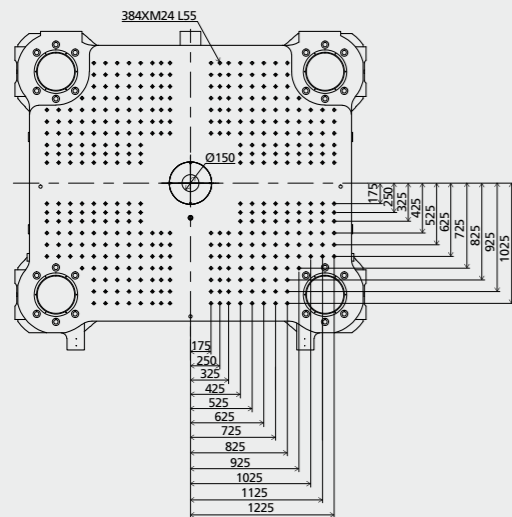


Japanese version

unit: mm

Fixed platen

Movable platen



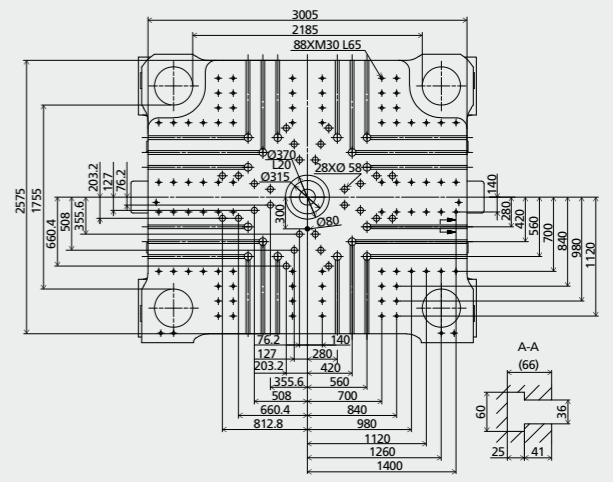
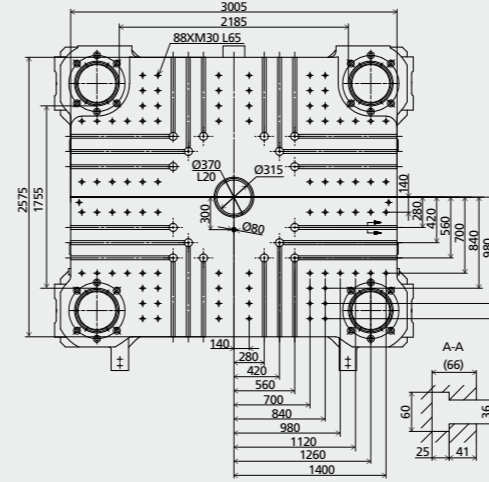
# Platen Layout JE28000

European version

unit: mm

Fixed platen

Movable platen

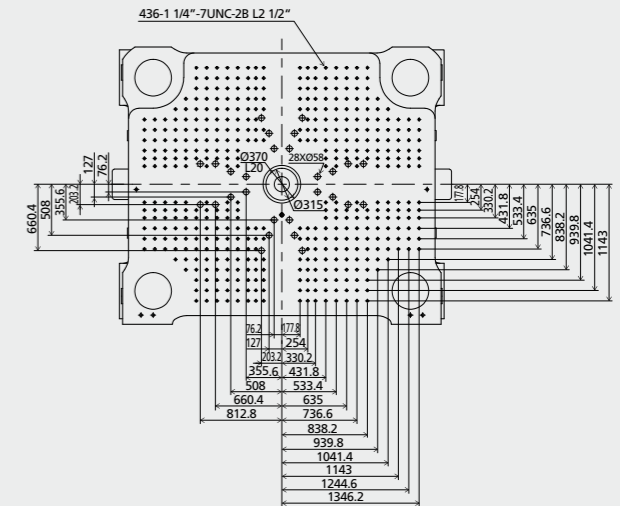
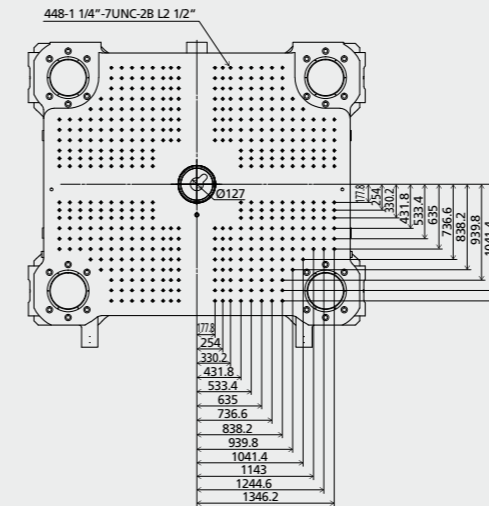


American version

unit: mm

Fixed platen

Movable platen



Japanese version

unit: mm

Fixed platen

Movable platen

