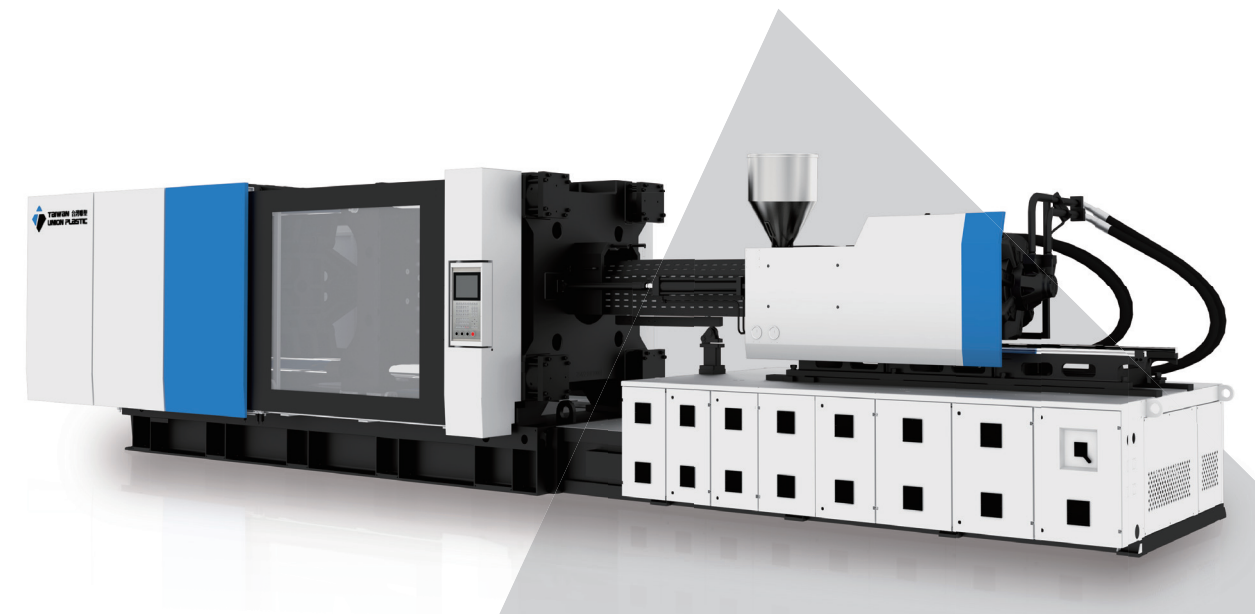


UN

90-2900T

Hydraulic Series
Technical Parameters

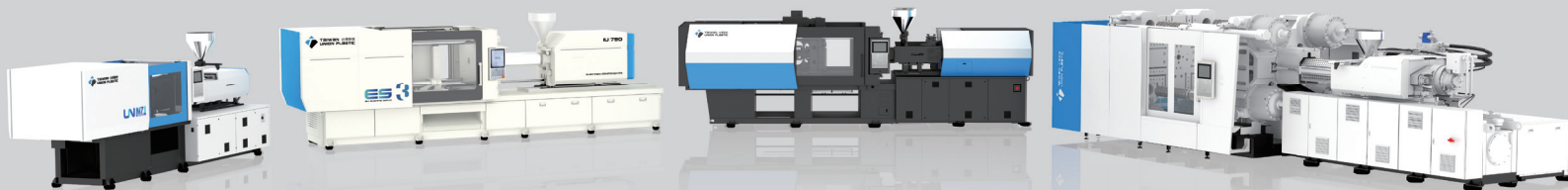


TECHNOLOGY NEVER STOPS!
TECHNOLOGY NEVER STOPS!
TECHNOLOGY NEVER STOPS!

TECHNOLOGY NEVER STOPS!

TECHNOLOGY NEVER STOPS!

TECHNOLOGY NEVER STOPS!



TUP-01

TUP

TUP was set up in 1984, It is one of the most advanced injection molding equipment manufacturers and complete system solution providers in China.

TUP provides the machines ranging from 90 to 6,600 tons, with the machine matrix of All-electric, Hybrid electric, Multi-components, Two / Three platens, which covers almost all main applications in automotive, packaging, medicals, engineering, 3C, home appliance, logistics etc.

The headquarter is located in hangzhou, zheiiang province, and the other remaining 15 branch offices, sales & service offices are located in China, SEA, America, Europe, Affrica provide the nearby service to our customers.

With regarding to the capability, we have 200,000 square meters of manufacturing base, staffs over 500, annual machine output over 60,000 sets, R&D teams with around 100 skilled people, and annual R&D investment over 50 million of RMB, which coming to 100+ patents and more are on the que.

Technology, never stopping has always been our driving force to proceed.We are striving efforts to make constant progress, taking environmental protection, energy saving and high efficiency as our responsibilities, and are committed to providing customers with more comprehensive and valuable application solutions.



1984
Brand Story



500+
Global Employees



80,000+
Annual Sales by Sets



6,000+
Annual Capacity



100+
Service Regions



200,000m²
Factory Area



TUP-02



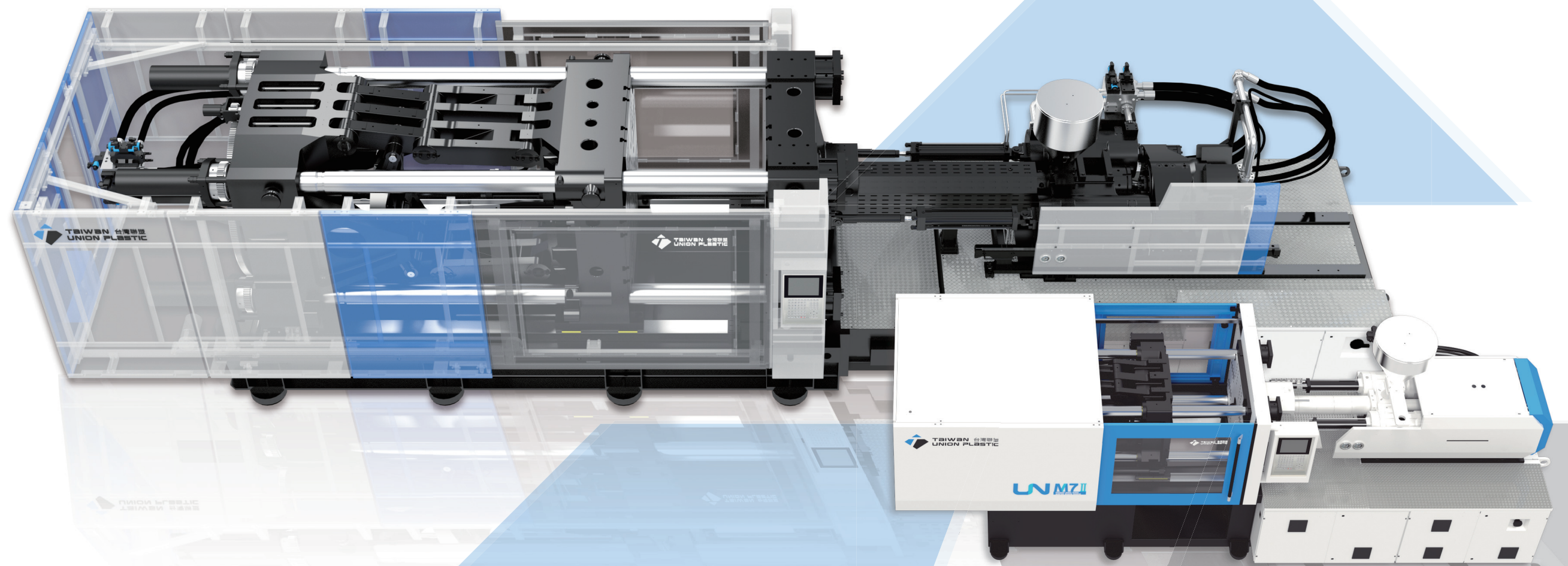
Hydraulic Series

In the production and R&D process of TUP UN series product line, we adhere to the concept of "innovation, for your every progress", take customer application as the starting point, adhere to reliable, stable and efficient production needs, and achieve the ultimate in detail optimization and adaptability.

Application Area



▽ 900-29,000kN



MORE RELIABLE

The whole industry chain production, self-made main parts
The repeatability of opening and closing the mold is $< 1\text{mm}$
The parallelism of the template $< 0.2\text{mm}$
Clamping force repeatability $< 1\%$



MORE ENERGY EFFICIENT

Tie rod force deviation $< \pm 3\%$
Injection repeatability: 3%
The static temperature control accuracy $< \pm 1^\circ\text{C}$
Melt-weight deviation $< 0.5\%$



MORE EFFICIENT

Highly responsive servo power system
The maximum output can be reached in 50ms
 $> 5\%$ reduction in overall dry cycle time
Plasticizing capacity increased by $> 5\%$

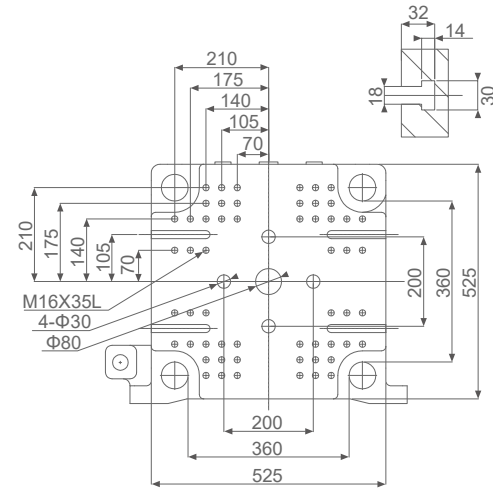


MORE ADAPTABILITY

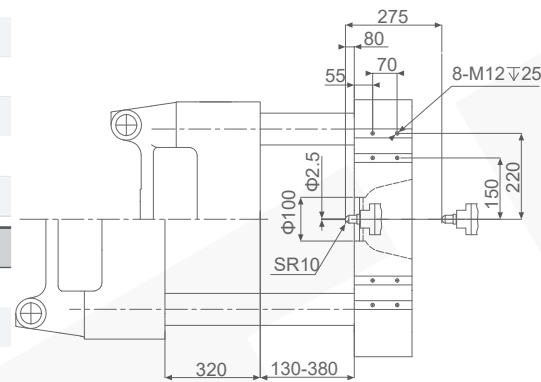
Modular design, more specifications to choose
from professional complete solutions

UN90-M7 SPECIFICATIONS

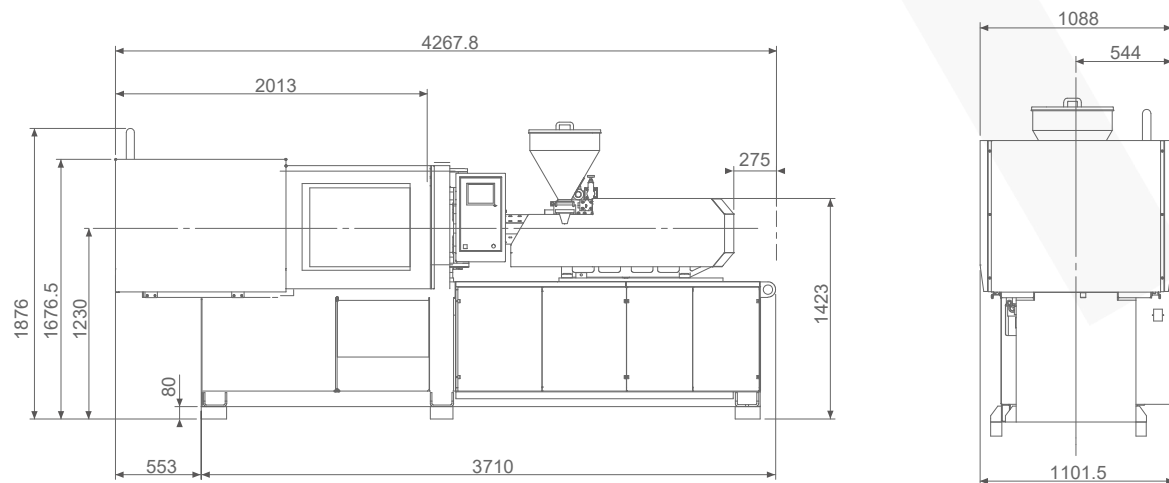
Clamping Unit	Unit	UN90-M7
Clamping Force	kN	900
Mold Opening Stroke	mm	320
Min. Mold Height	mm	130
Max. Mold Height	mm	380
Max. Daylight	mm	700
Tie Bar Space (HxV)	mm	360× 360
Ejector Stroke	mm	100
Ejection Force	kN	34
No.of Ejector Pin Holes	/	5



Injection Unit	Unit	IU360		
		A	B	C
Screw Diameter	mm	32	37	42
Screw L/D Ratio	L/D	24.3	21.0	18.5
Theoretical Shot Volume	cm³	149	199	256
Shot Weight(PS)	g	135	181	233
Injection Rate	g/s	102	136	176
Injection Pressure	MPa	239.3	179.0	138.9
Plasticizing Capacity (PS)	g/s	9.2	12.4	16.1
Screw Rotation Speed	rpm	318		



General Date	Unit	IU360
Heater Power	kW	7.4
Motor Power	kW	21.4
Oil Tank Capacity	L	150
Theoretical Weight	t	3.3
Machine Dim. (L×W×H)	m	4.3×1.1×1.7

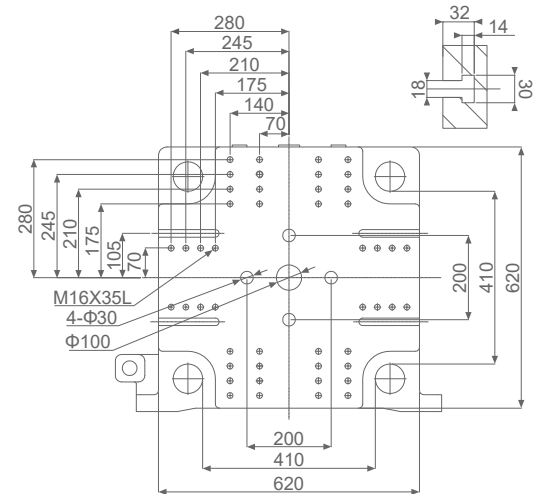


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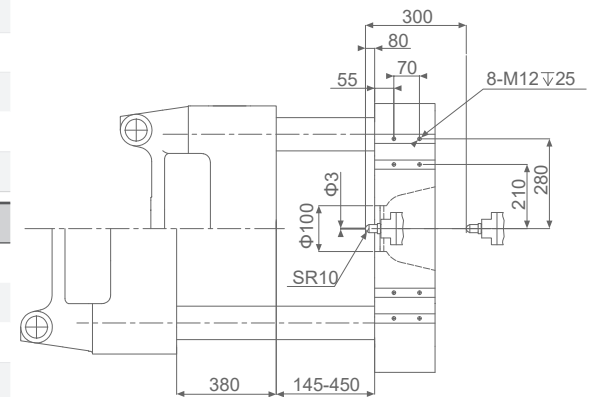
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UN120-M7 SPECIFICATIONS

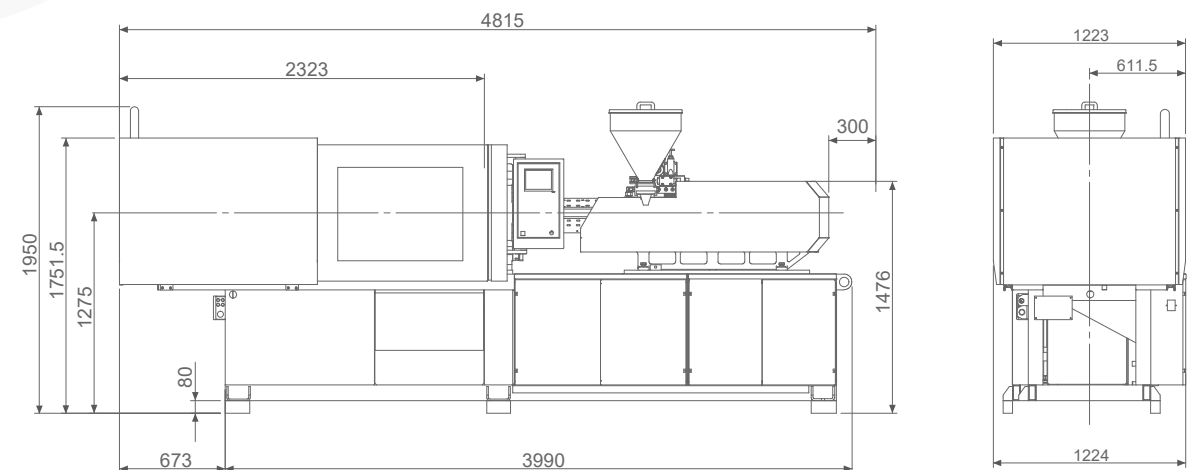
Clamping Unit	Unit	UN120-M7
Clamping Force	kN	1200
Mold Opening Stroke	mm	380
Min. Mold Height	mm	145
Max. Mold Height	mm	450
Max. Daylight	mm	830
Tie Bar Space (HxV)	mm	410×410
Ejector Stroke	mm	120
Ejection Force	kN	34
No.of Ejector Pin Holes	/	5



Injection Unit	Unit	IU530		
		A	B	C
Screw Diameter	mm	37	42	47
Screw L/D Ratio	L/D	23.8	21.0	18.8
Theoretical Shot Volume	cm³	226	291	364
Shot Weight(PS)	g	205	265	332
Injection Rate	g/s	105	136	170
Injection Pressure	MPa	232	180.1	144
Plasticizing Capacity (PS)	g/s	12.4	17.7	23.8
Screw Rotation Speed	rpm		257	



General Date	Unit	IU530
Heater Power	kW	9.4
Motor Power	kW	21.4
Oil Tank Capacity	L	170
Theoretical Weight	t	4.2
Machine Dim. (L×W×H)	m	4.7×1.2×1.8



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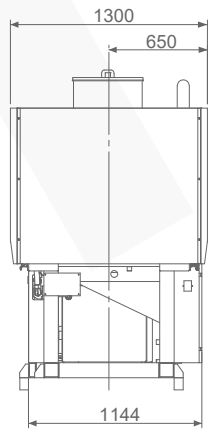
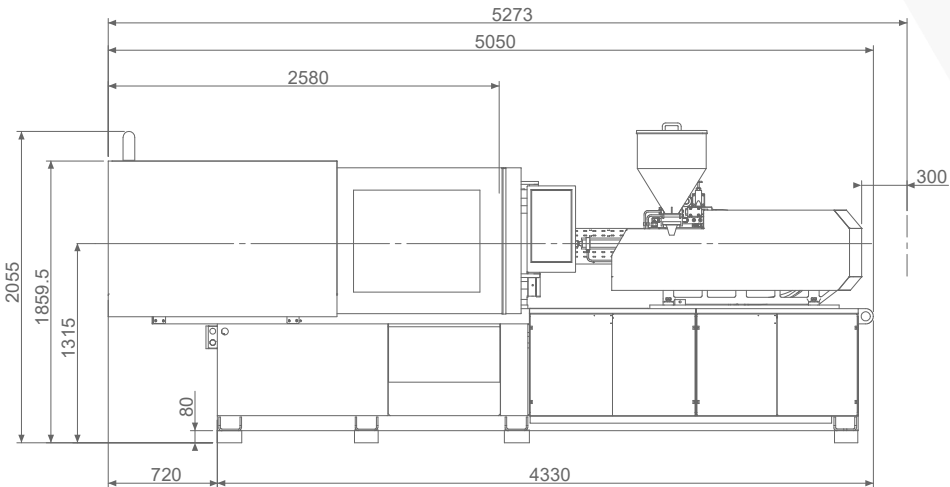
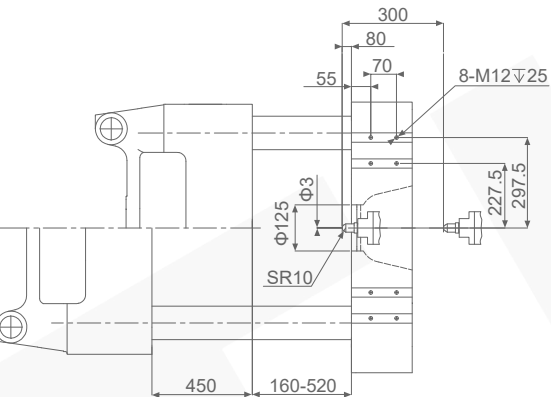
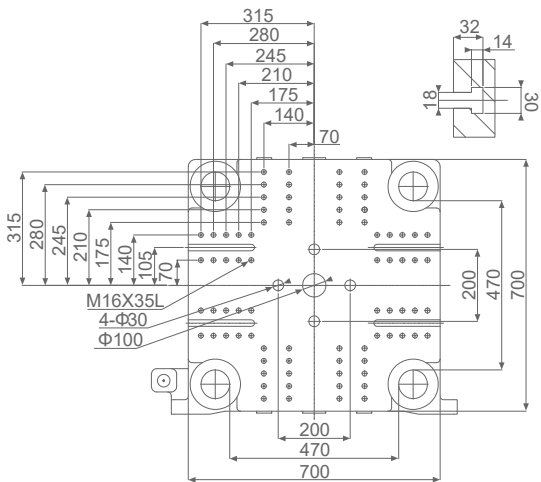
unit: mm

UN160-M7 SPECIFICATIONS

Clamping Unit	Unit	UN160-M7
Clamping Force	kN	1600
Mold Opening Stroke	mm	450
Min. Mold Height	mm	160
Max. Mold Height	mm	520
Max. Daylight	mm	970
Tie Bar Space (HxV)	mm	470×470
Ejector Stroke	mm	140
Ejection Force	kN	49
No.of Ejector Pin Holes	/	5

Injection Unit	Unit	IU740		
		A	B	C
Screw Diameter	mm	42	47	53
Screw L/D Ratio	L/D	23.5	21.0	18.6
Theoretical Shot Volume	cm³	326	408	518
Shot Weight(PS)	g	296	371	472
Injection Rate	g/s	135	169	215
Injection Pressure	MPa	226	180.2	142
Plasticizing Capacity (PS)	g/s	17.9	22.8	29.0
Screw Rotation Speed	rpm	234		

General Date	Unit	IU740
Heater Power	kW	12.3
Motor Power	kW	25.1
Oil Tank Capacity	L	210
Theoretical Weight	t	5.1
Machine Dim. (L×W×H)	m	5.0×1.3×1.9



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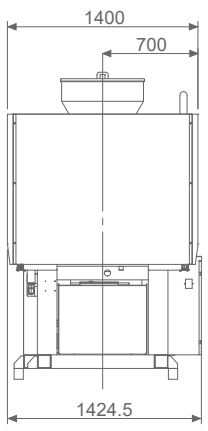
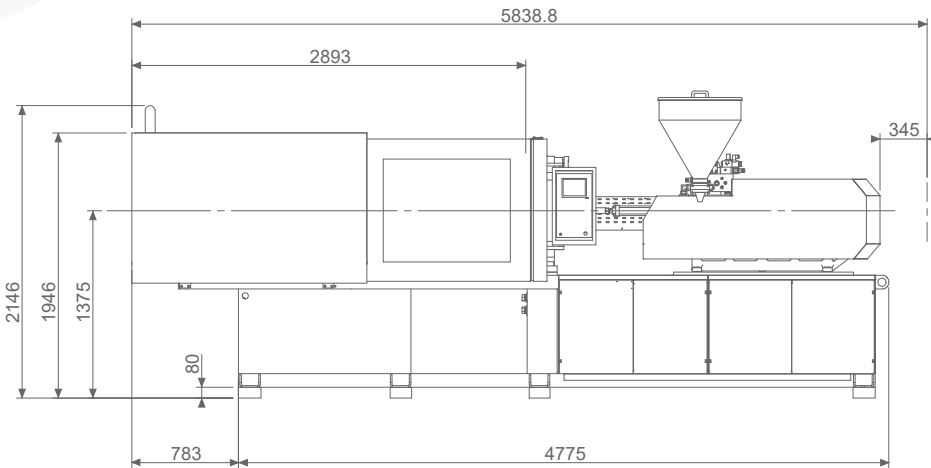
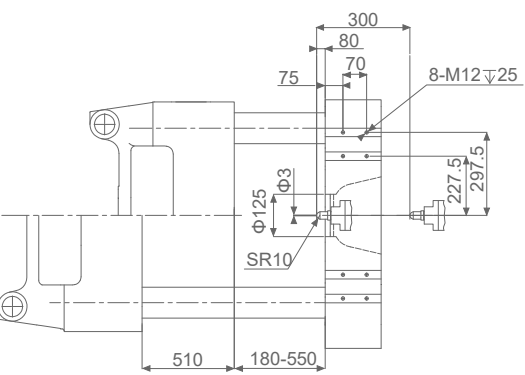
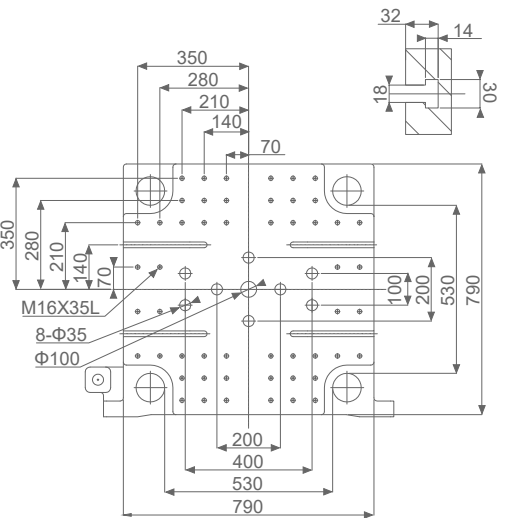
unit: mm

UN200-M7 SPECIFICATIONS

Clamping Unit	Unit	UN200-M7
Clamping Force	kN	2000
Mold Opening Stroke	mm	510
Min. Mold Height	mm	180
Max. Mold Height	mm	550
Max. Daylight	mm	1060
Tie Bar Space (HxV)	mm	530×530
Ejector Stroke	mm	150
Ejection Force	kN	67
No.of Ejector Pin Holes	/	9

Injection Unit	Unit	IU1070		
		A	B	C
Screw Diameter	mm	47	53	60
Screw L/D Ratio	L/D	23.7	21.0	18.6
Theoretical Shot Volume	cm³	460	585	749
Shot Weight(PS)	g	418	532	682
Injection Rate	g/s	166	211	270
Injection Pressure	MPa	232	182.2	142
Plasticizing Capacity (PS)	g/s	22.0	27.0	33.0
Screw Rotation Speed	rpm	212		

General Date	Unit	IU1070
Heater Power	kW	13.9
Motor Power	kW	29.3
Oil Tank Capacity	L	260
Theoretical Weight	t	7.2
Machine Dim. (L×W×H)	m	5.6×1.4×1.9

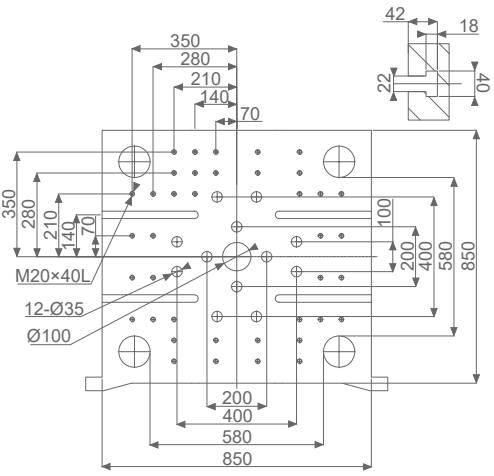


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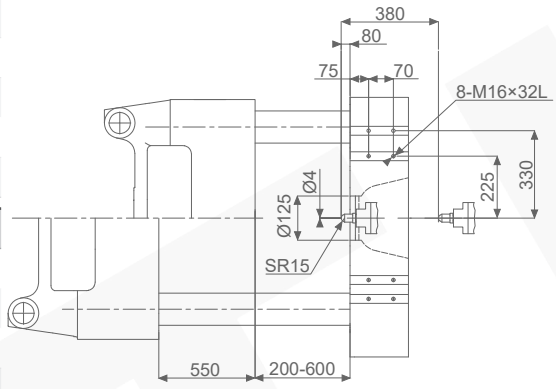
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UN260-M7 SPECIFICATIONS

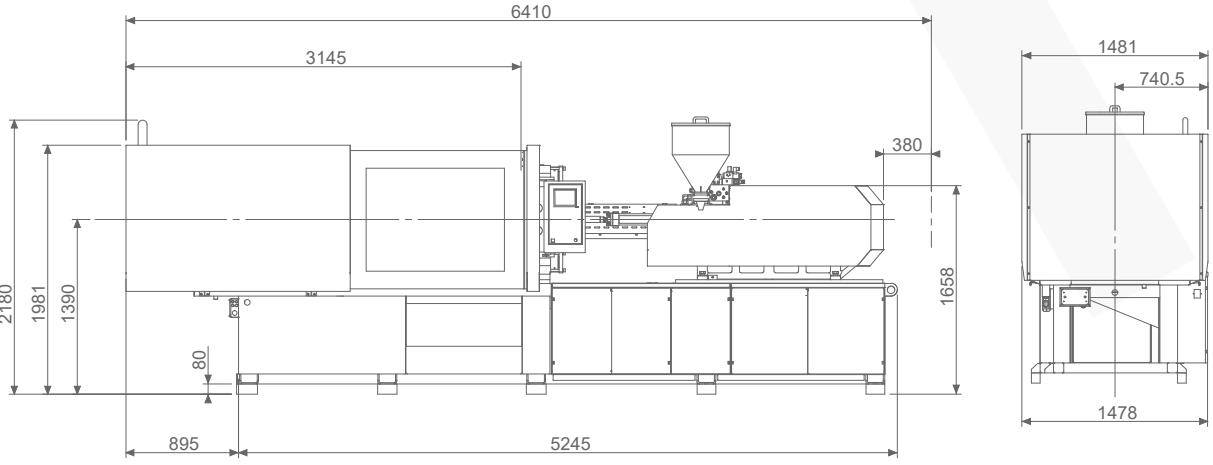
Clamping Unit	Unit	UN260-M7
Clamping Force	kN	2600
Mold Opening Stroke	mm	550
Min. Mold Height	mm	200
Max. Mold Height	mm	600
Max. Daylight	mm	1150
Tie Bar Space (HxV)	mm	580×580
Ejector Stroke	mm	160
Ejection Force	kN	77
No.of Ejector Pin Holes	/	9



Injection Unit	Unit	IU1330		
		A	B	C
Screw Diameter	mm	53	60	68
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	585	749	962
Shot Weight(PS)	g	532	682	876
Injection Rate	g/s	205	263	338
Injection Pressure	MPa	228	178	138
Plasticizing Capacity (PS)	g/s	29.0	41.0	57.2
Screw Rotation Speed	rpm	197		



General Date	Unit	IU1330
Heater Power	kW	17/19
Motor Power	kW	31.2
Oil Tank Capacity	L	340
Theoretical Weight	t	8.4
Machine Dim. (L×W×H)	m	6.1×1.5×2.0

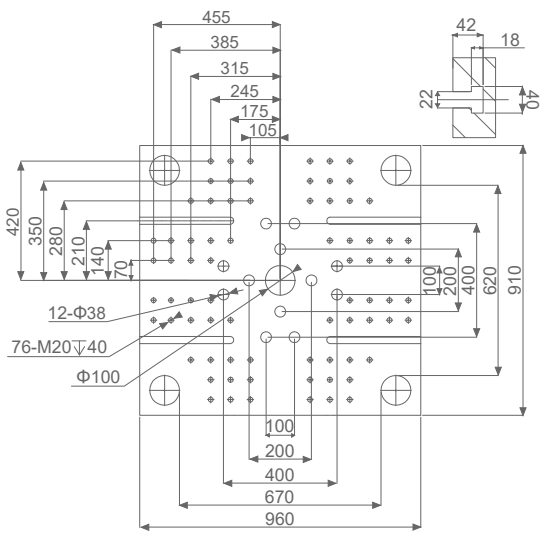


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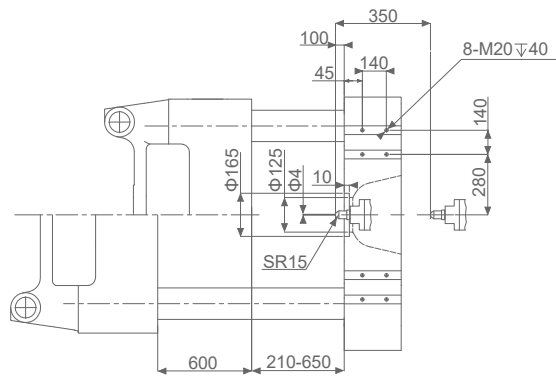
unit: mm

UN300-M7 SPECIFICATIONS

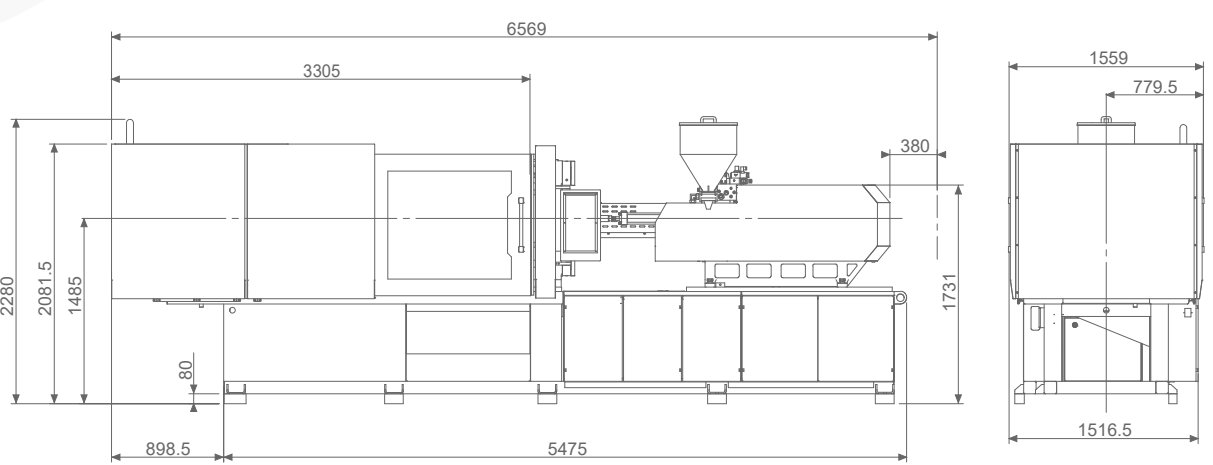
Clamping Unit	Unit	UN300-M7
Clamping Force	kN	3000
Mold Opening Stroke	mm	600
Min. Mold Height	mm	210
Max. Mold Height	mm	650
Max. Daylight	mm	1250
Tie Bar Space (HxV)	mm	670×620
Ejector Stroke	mm	170
Ejection Force	kN	77
No.of Ejector Pin Holes	/	13



Injection Unit	Unit	IU1330		
		A	B	C
Screw Diameter	mm	53	60	68
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	585	749	962
Shot Weight(PS)	g	532	682	876
Injection Rate	g/s	205	263	338
Injection Pressure	MPa	228	178	138
Plasticizing Capacity (PS)	g/s	29.0	41.0	57.2
Screw Rotation Speed	rpm	197		



General Date	Unit	IU1330
Heater Power	kW	17/19
Motor Power	kW	31.2
Oil Tank Capacity	L	340
Theoretical Weight	t	9.4
Machine Dim. (L×W×H)	m	6.4×1.6×2.1



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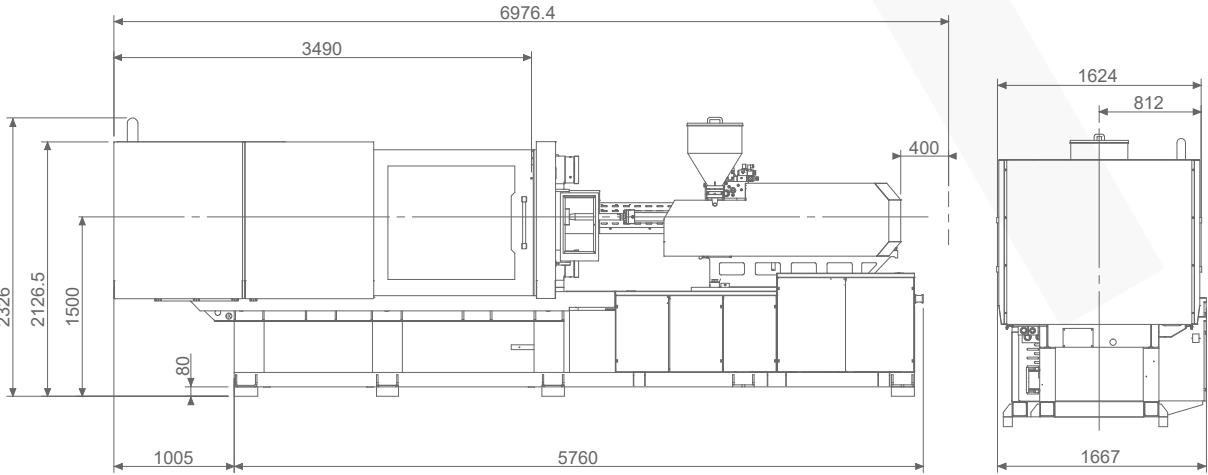
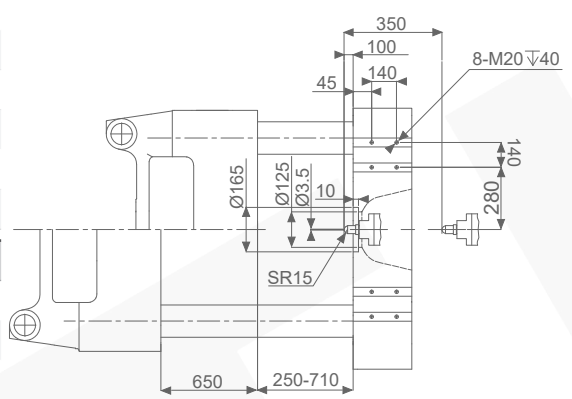
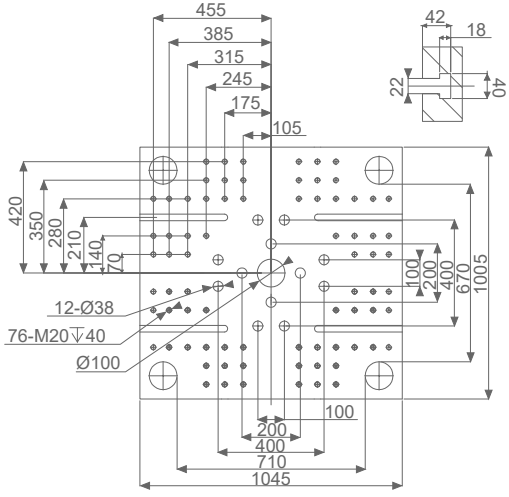
unit: mm

UN350-M7 SPECIFICATIONS

Clamping Unit	Unit	UN350-M7
Clamping Force	kN	3500
Mold Opening Stroke	mm	650
Min. Mold Height	mm	250
Max. Mold Height	mm	710
Max. Daylight	mm	1360
Tie Bar Space (HxV)	mm	710×670
Ejector Stroke	mm	170
Ejection Force	kN	77
No.of Ejector Pin Holes	/	13

Injection Unit	Unit	IU1900		
		A	B	C
Screw Diameter	mm	60	68	76
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	834	1071	1338
Shot Weight(PS)	g	759	975	1218
Injection Rate	g/s	240	309	386
Injection Pressure	MPa	226	176	141
Plasticizing Capacity (PS)	g/s	52.1	58.4	68.2
Screw Rotation Speed	rpm	186		

General Date	Unit	IU1900
Heater Power	kW	22.5/25
Motor Power	kW	47.5
Oil Tank Capacity	L	430
Theoretical Weight	t	13.4
Machine Dim. (L×W×H)	m	6.8×1.7×2.1



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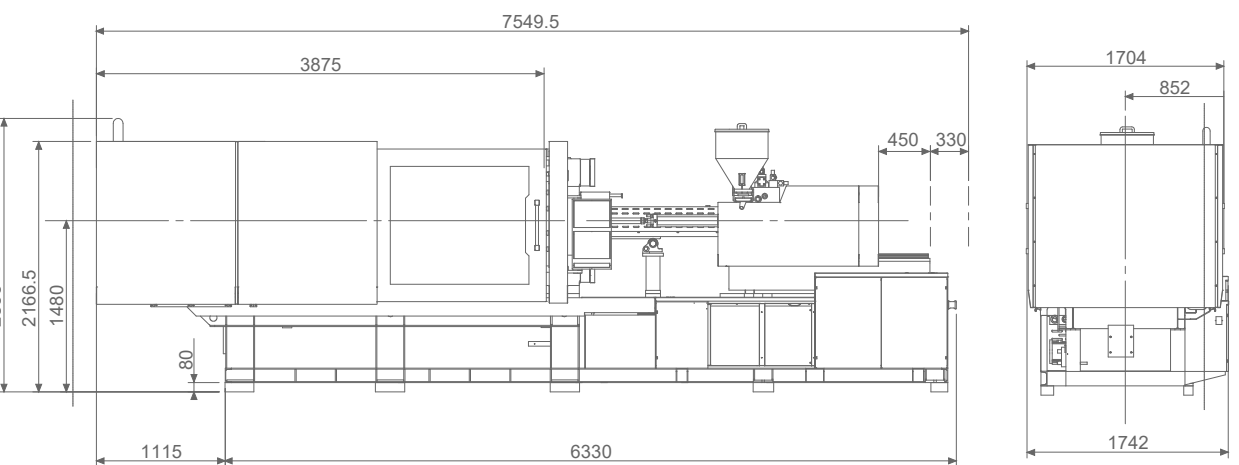
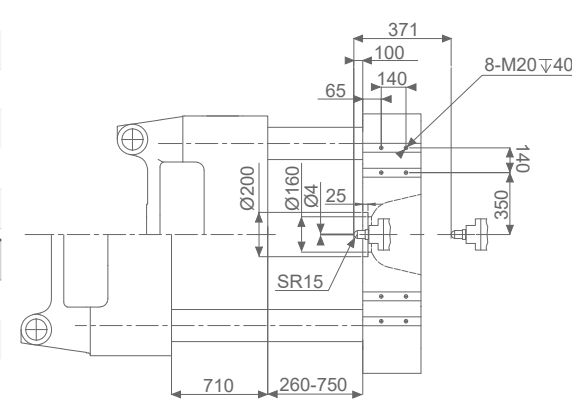
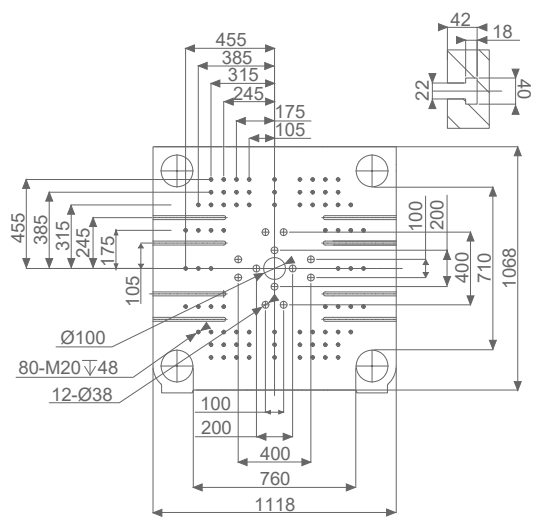
unit: mm

UN400-M7 SPECIFICATIONS

Clamping Unit	Unit	UN400-M7
Clamping Force	kN	4000
Mold Opening Stroke	mm	710
Min. Mold Height	mm	260
Max. Mold Height	mm	750
Max. Daylight	mm	1460
Tie Bar Space (HxV)	mm	760×710
Ejector Stroke	mm	210
Ejection Force	kN	111
No.of Ejector Pin Holes	/	13

Injection Unit	Unit	IU2700		
		A	B	C
Screw Diameter	mm	68	76	84
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	1198	1497	1829
Shot Weight(PS)	g	1091	1362	1664
Injection Rate	g/s	303	378	462
Injection Pressure	MPa	225	180	147
Plasticizing Capacity (PS)	g/s	58.4	68.2	79.3
Screw Rotation Speed	rpm	168		

General Date	Unit	IU2700
Heater Power	kW	27/31
Motor Power	kW	54.3
Oil Tank Capacity	L	540
Theoretical Weight	t	15.8
Machine Dim. (L×W×H)	m	7.45×1.7×2.2



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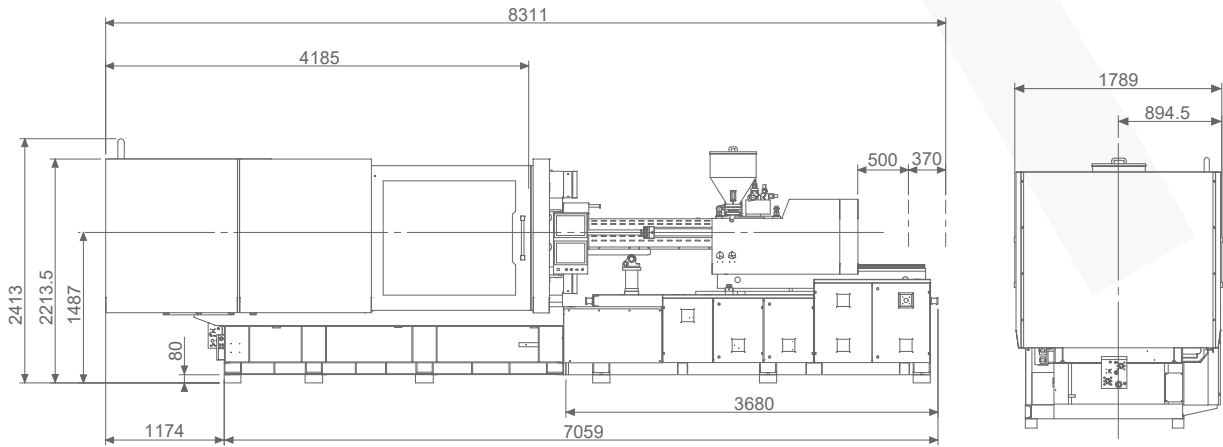
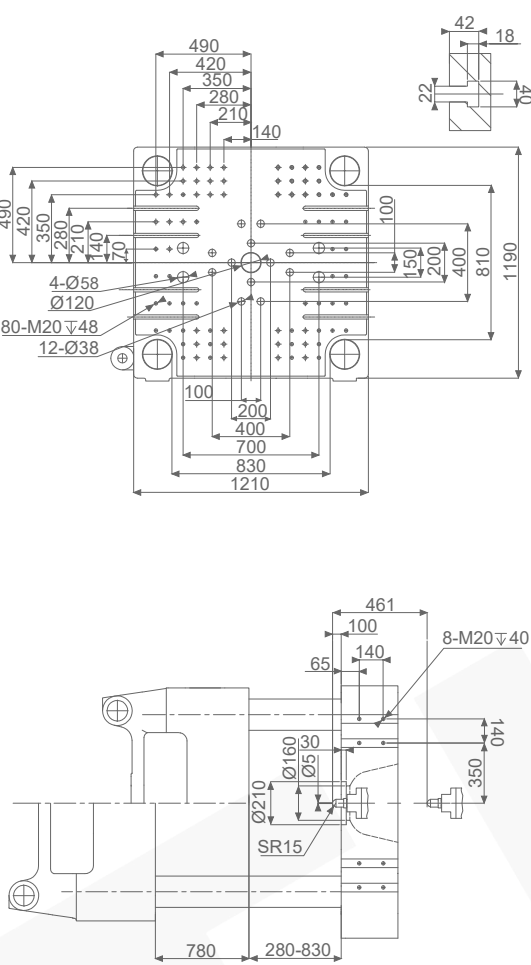
unit: mm

UN500-M7 SPECIFICATIONS

Clamping Unit		UN500-M7		
Clamping Force	kN	5000		
Mold Opening Stroke	mm	780		
Min. Mold Height	mm	280		
Max. Mold Height	mm	830		
Max. Daylight	mm	1610		
Tie Bar Space (HxV)	mm	830×810		
Ejector Stroke	mm	220		
Ejection Force	kN	137		
No.of Ejector Pin Holes	/	17		

Injection Unit	Unit	IU3350		
		A	B	C
Screw Diameter	mm	76	84	92
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	1678	2050	2460
Shot Weight(PS)	g	1527	1866	2238
Injection Rate	g/s	396	483	580
Injection Pressure	MPa	199	163	136
Plasticizing Capacity (PS)	g/s	68.3	79.2	82.1
Screw Rotation Speed	rpm	155		

General Date	Unit	IU3350
Heater Power	kW	33/37
Motor Power	kW	57.8
Oil Tank Capacity	L	640
Theoretical Weight	t	19.5
Machine Dim. (L×W×H)	m	8.2×1.8×2.2



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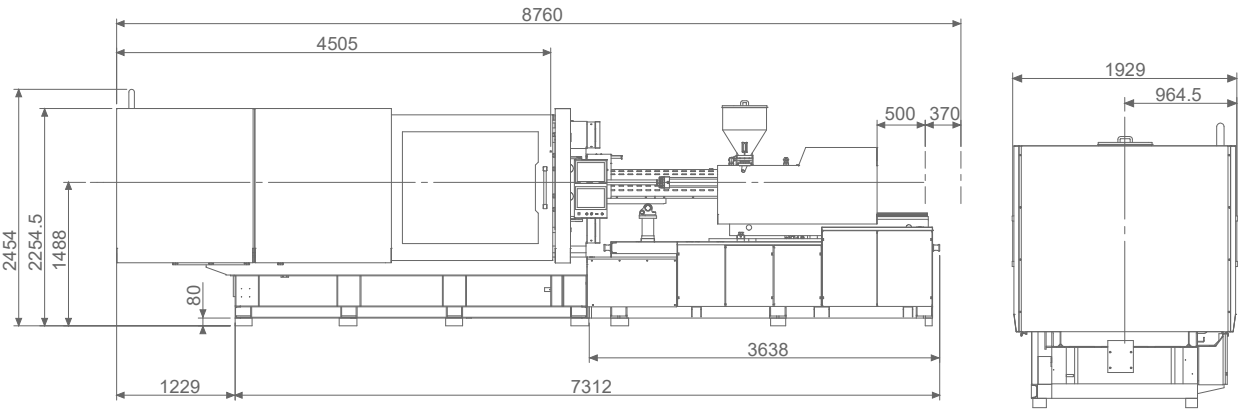
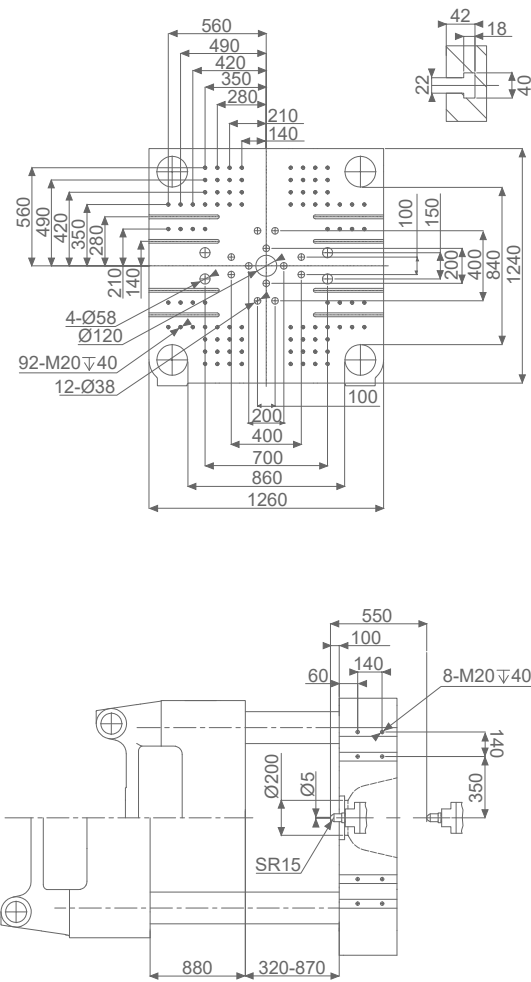
unit: mm

UN560-M7 SPECIFICATIONS

Clamping Unit		UN560-M7		
Clamping Force	kN	5600		
Mold Opening Stroke	mm	880		
Min. Mold Height	mm	320		
Max. Mold Height	mm	870		
Max. Daylight	mm	1750		
Tie Bar Space (HxV)	mm	860×840		
Ejector Stroke	mm	220		
Ejection Force	kN	166		
No.of Ejector Pin Holes	/	21		

Injection Unit	Unit	IU3350		
		A	B	C
Screw Diameter	mm	76	84	92
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	1678	2050	2460
Shot Weight(PS)	g	1527	1866	2238
Injection Rate	g/s	396	483	580
Injection Pressure	MPa	199	163	136
Plasticizing Capacity (PS)	g/s	68.3	79.2	82.1
Screw Rotation Speed	rpm	155		

General Date	Unit	IU3350
Heater Power	kW	33/37
Motor Power	kW	57.8
Oil Tank Capacity	L	640
Theoretical Weight	t	24
Machine Dim. (L×W×H)	m	8.5×1.9×2.25



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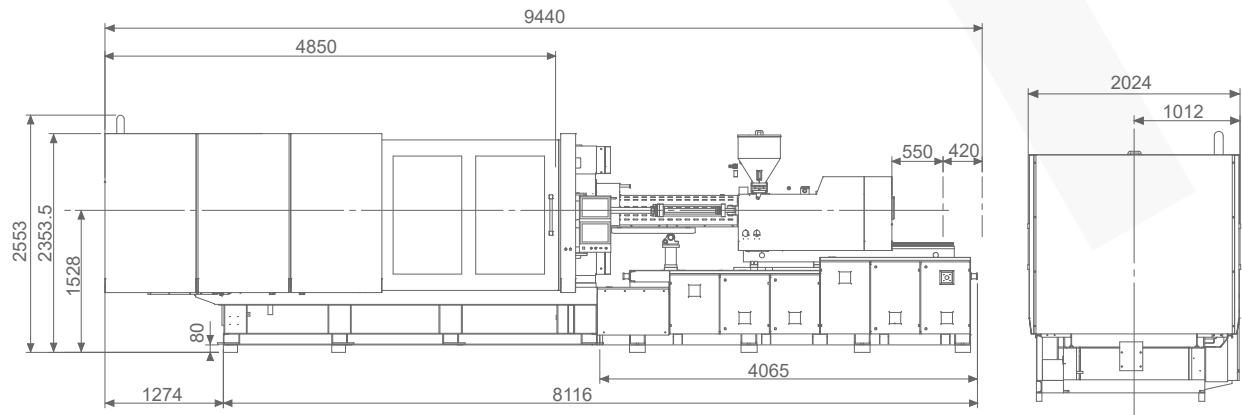
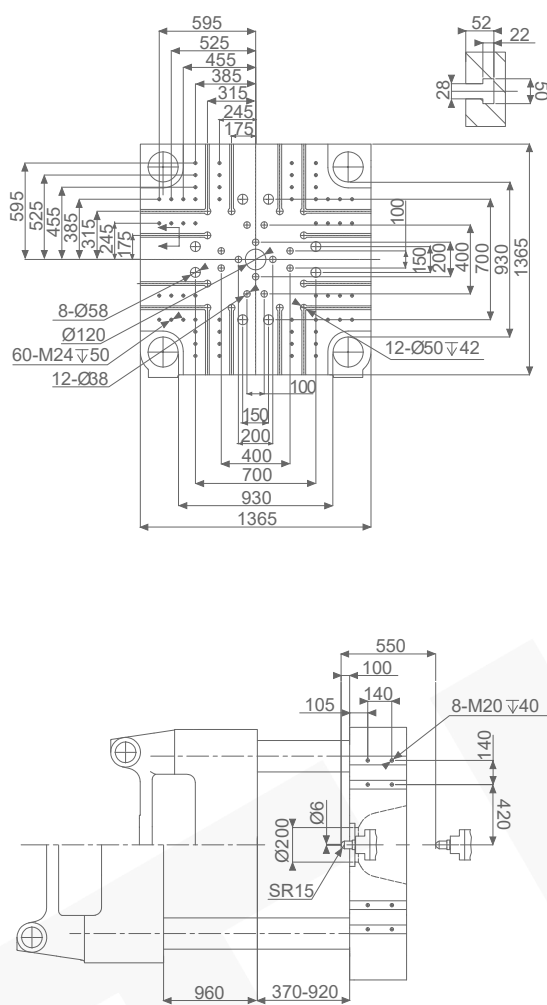
unit: mm

UN650-M7 SPECIFICATIONS

Clamping Unit	Unit	UN650-M7		
Clamping Force	kN	6500		
Mold Opening Stroke	mm	960		
Min. Mold Height	mm	370		
Max. Mold Height	mm	920		
Max. Daylight	mm	1880		
Tie Bar Space (HxV)	mm	930×930		
Ejector Stroke	mm	280		
Ejection Force	kN	182		
No.of Ejector Pin Holes	/	21		

Injection Unit	Unit	IU5000		
		A	B	C
Screw Diameter	mm	84	92	100
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	2328	2792	3299
Shot Weight(PS)	g	2118	2541	3002
Injection Rate	g/s	527	632	747
Injection Pressure	MPa	218	181	154
Plasticizing Capacity (PS)	g/s	79.2	82.1	96.0
Screw Rotation Speed	rpm	164		

General Date	Unit	IU5000		
Heater Power	kW	38/47		
Motor Power	kW	31.2+54.3		
Oil Tank Capacity	L	890		
Theoretical Weight	t	29.5		
Machine Dim. (L×W×H)	m	9.4×2.0×2.35		



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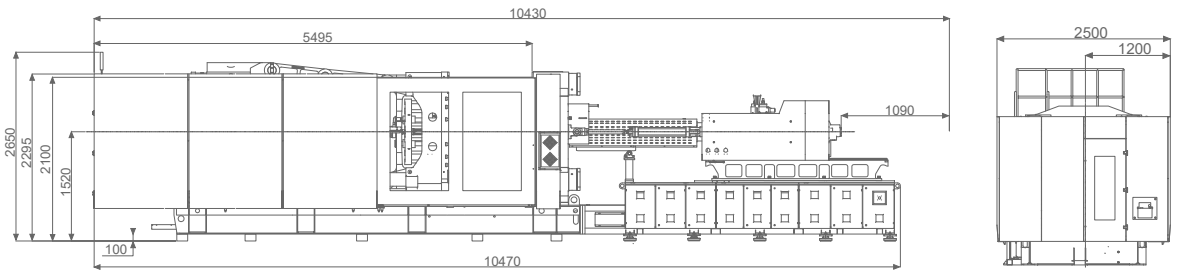
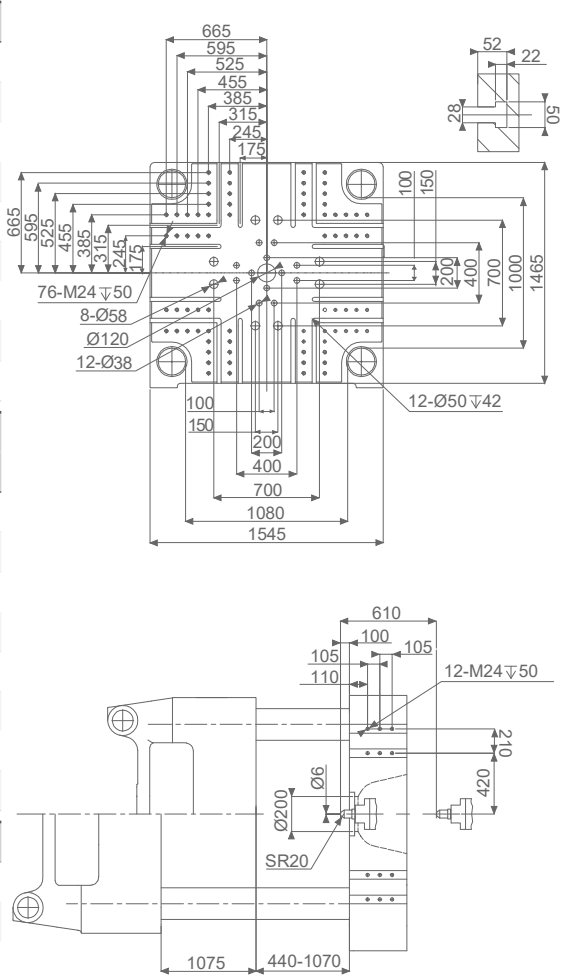
unit: mm

UN850-M7 SPECIFICATIONS

Clamping Unit	Unit	UN850-M7		
Clamping Force	kN	8500		
Mold Opening Stroke	mm	1075		
Min. Mold Height	mm	440		
Max. Mold Height	mm	1070		
Max. Daylight	mm	2145		
Tie Bar Space (HxV)	mm	1080×1000		
Ejector Stroke	mm	280		
Ejection Force	kN	215		
No.of Ejector Pin Holes	/	21		

Injection Unit	Unit	IU6800		
		A	B	C
Screw Diameter	mm	92	100	108
Screw L/D Ratio	L/D	22	20	20
Theoretical Shot Volume	cm³	3191	3770	4397
Shot Weight(PS)	g	2904	3431	4001
Injection Rate	g/s	575	680	793
Injection Pressure	MPa	213	180	154
Plasticizing Capacity (PS)	g/s	80.2	94.0	106.3
Screw Rotation Speed	rpm	126		

General Date	Unit	IU6800		
Heater Power	kW	42/51		
Motor Power	kW	41+54		
Oil Tank Capacity	L	1000		
Theoretical Weight	t	40		
Machine Dim. (L×W×H)	m	10.5×2.5×2.3		



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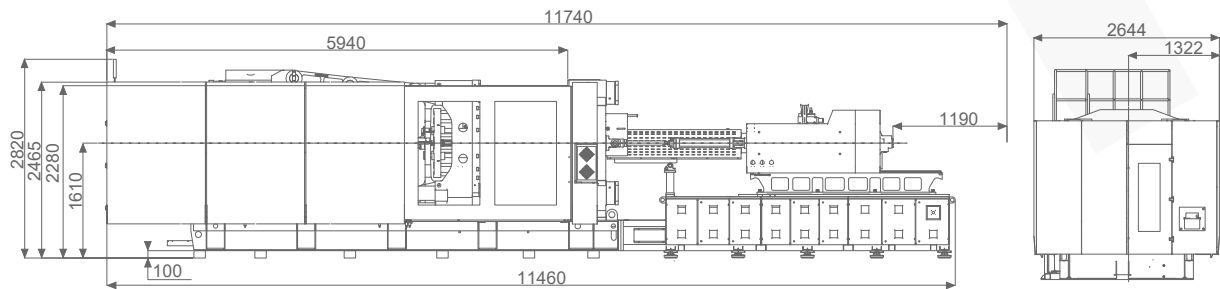
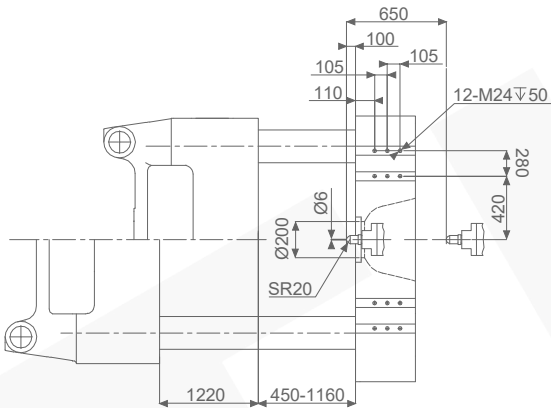
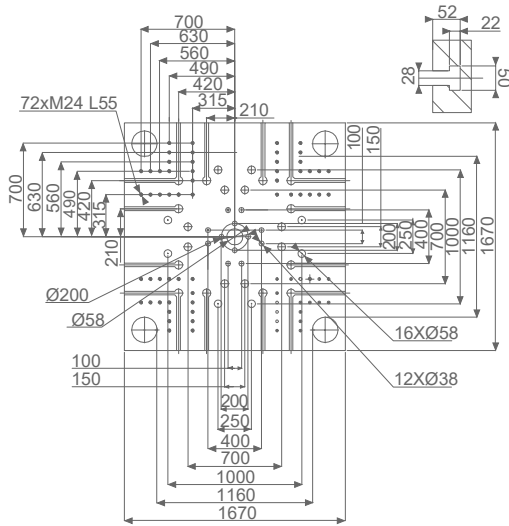
unit: mm

UN1000-M7 SPECIFICATIONS

Clamping Unit	Unit	UN1000-M7
Clamping Force	kN	10000
Mold Opening Stroke	mm	1220
Min. Mold Height	mm	450
Max. Mold Height	mm	1160
Max. Daylight	mm	2380
Tie Bar Space (HxV)	mm	1160×1160
Ejector Stroke	mm	320
Ejection Force	kN	215
No.of Ejector Pin Holes	/	21

Injection Unit	Unit	IU9000		
		A	B	C
Screw Diameter	mm	100	108	116
Screw L/D Ratio	L/D	23.2	21.5	20
Theoretical Shot Volume	cm³	4241	4947	5707
Shot Weight(PS)	g	3859	4502	5193
Injection Rate	g/s	648	756	872
Injection Pressure	MPa	210	180	156
Plasticizing Capacity (PS)	g/s	105.0	119.0	132.0
Screw Rotation Speed	rpm	115		

General Date	Unit	IU9000
Heater Power	kW	51
Motor Power	kW	54+54
Oil Tank Capacity	L	1160
Theoretical Weight	t	50
Machine Dim. (L×W×H)	m	11.5×2.6×2.5



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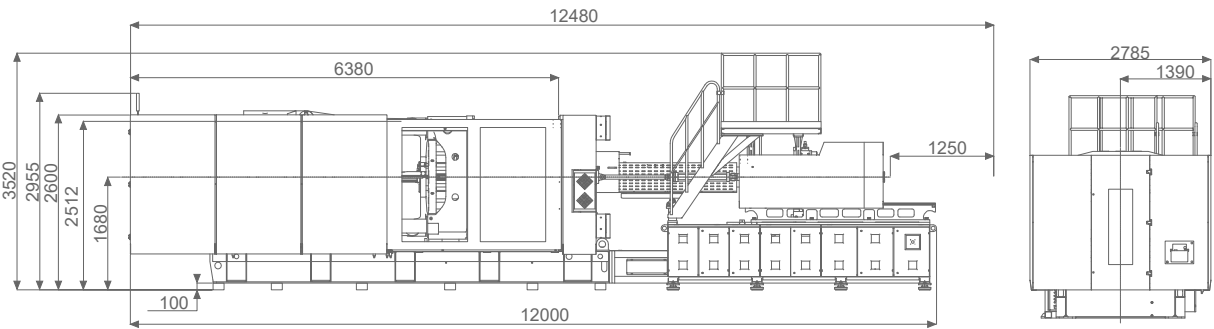
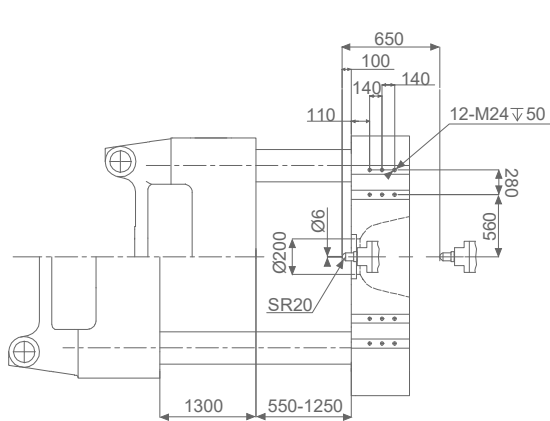
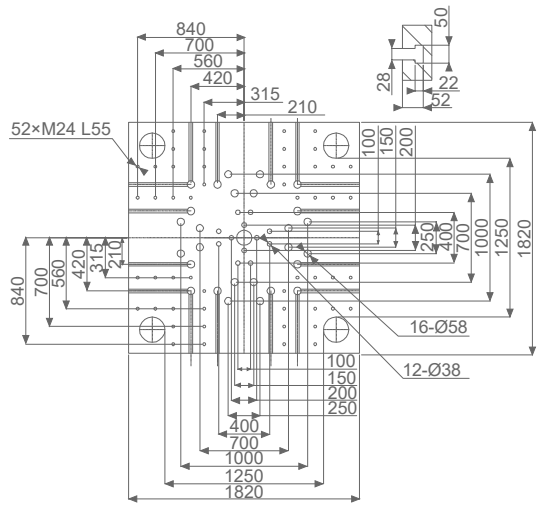
unit: mm

UN1300-M7 SPECIFICATIONS

Clamping Unit	Unit	UN1300-M7
Clamping Force	kN	13000
Mold Opening Stroke	mm	1300
Min. Mold Height	mm	550
Max. Mold Height	mm	1250
Max. Daylight	mm	2550
Tie Bar Space (HxV)	mm	1250×1250
Ejector Stroke	mm	350
Ejection Force	kN	215
No.of Ejector Pin Holes	/	29

Injection Unit	Unit	IU11800		
		A	B	C
Screw Diameter	mm	108	116	125
Screw L/D Ratio	L/D	23.1	21.6	20
Theoretical Shot Volume	cm³	5497	6341	7363
Shot Weight(PS)	g	5002	5770	6700
Injection Rate	g/s	681	785	912
Injection Pressure	MPa	215	187	161
Plasticizing Capacity (PS)	g/s	113.0	128.0	145.0
Screw Rotation Speed	rpm	101		

General Date	Unit	IU11800
Heater Power	kW	58
Motor Power	kW	54+58
Oil Tank Capacity	L	1350
Theoretical Weight	t	61
Machine Dim. (L×W×H)	m	12×2.78×3.5



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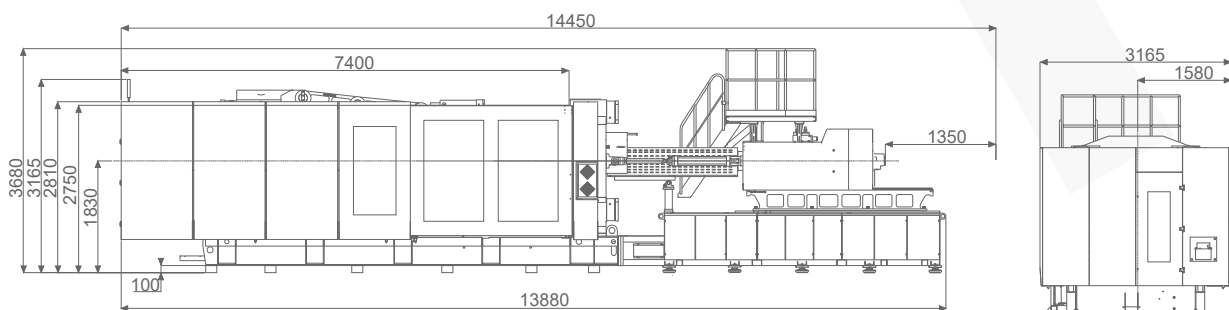
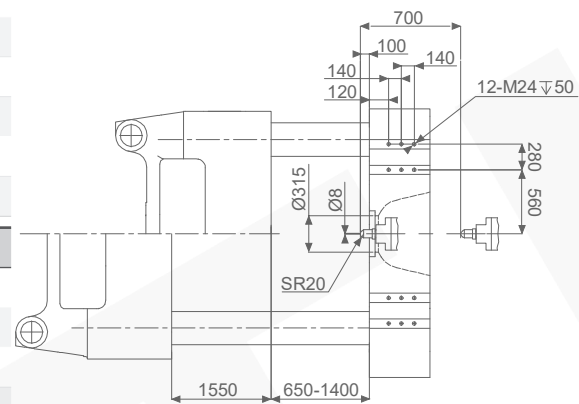
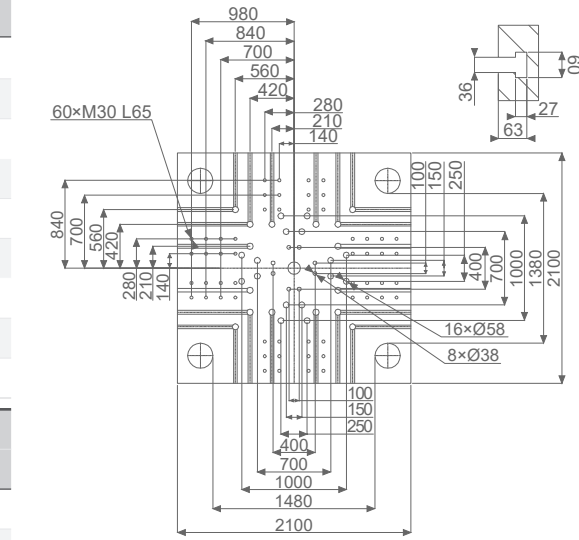
unit: mm

UN1600-M7 SPECIFICATIONS

Clamping Unit	Unit	UN1600-M7
Clamping Force	kN	16000
Mold Opening Stroke	mm	1550
Min. Mold Height	mm	650
Max. Mold Height	mm	1400
Max. Daylight	mm	2950
Tie Bar Space (HxV)	mm	1480×1380
Ejector Stroke	mm	350
Ejection Force	kN	318
No.of Ejector Pin Holes	/	29

Injection Unit	Unit	IU14800		
		A	B	C
Screw Diameter	mm	116	125	135
Screw L/D Ratio	L/D	22.0	22	20
Theoretical Shot Volume	cm³	6869	7977	9304
Shot Weight(PS)	g	6320	7339	8560
Injection Rate	g/s	758	880	1027
Injection Pressure	MPa	215	185	159
Plasticizing Capacity (PS)	g/s	132.0	153.0	162.0
Screw Rotation Speed	rpm	95		

General Date	Unit	IU14800
Heater Power	kW	65
Motor Power	kW	41+41+41
Oil Tank Capacity	L	1600
Theoretical Weight	t	92
Machine Dim. (L×W×H)	m	13.9×3.17×3.7



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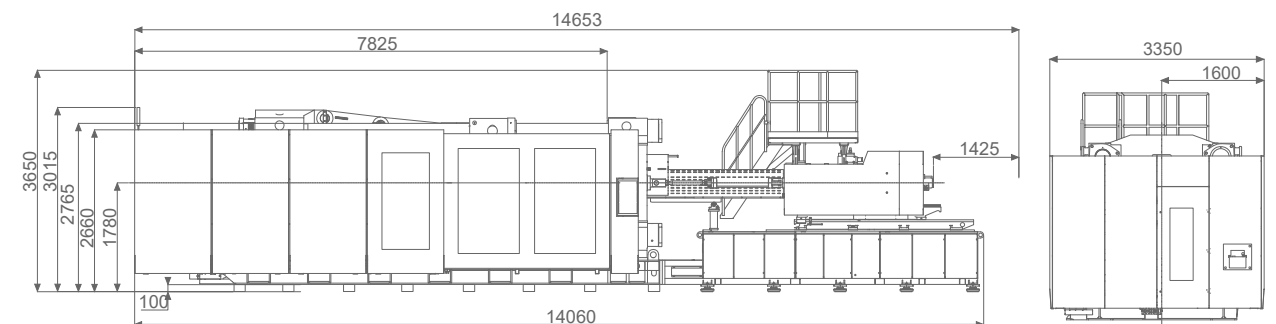
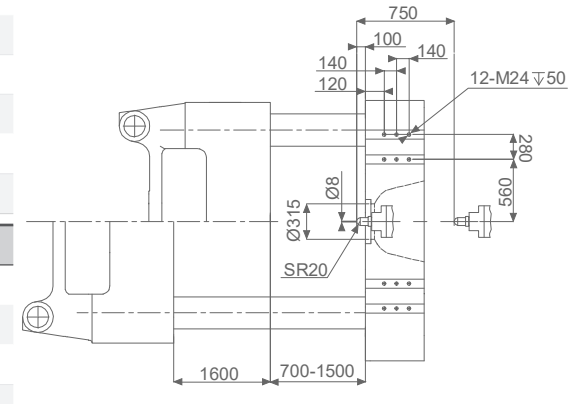
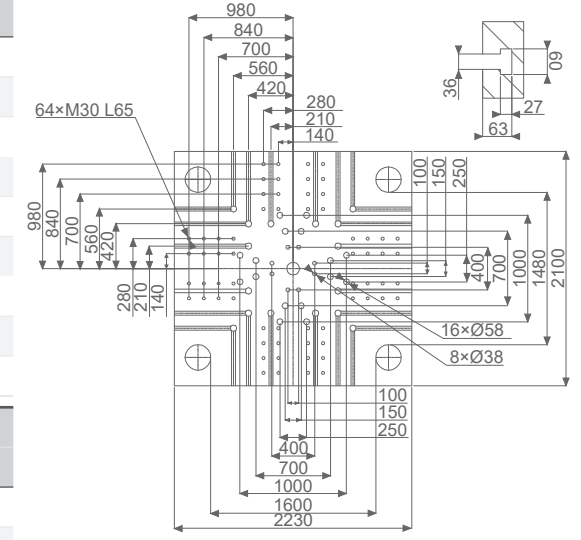
unit: mm

UN1800-M7 SPECIFICATIONS

Clamping Unit	Unit	UN1800-M7
Clamping Force	kN	18000
Mold Opening Stroke	mm	1600
Min. Mold Height	mm	700
Max. Mold Height	mm	1500
Max. Daylight	mm	3100
Tie Bar Space (HxV)	mm	1600×1480
Ejector Stroke	mm	400
Ejection Force	kN	318
No.of Ejector Pin Holes	/	29

Injection Unit	Unit	IU16300		
		A	B	C
Screw Diameter	mm	125	135	145
Screw L/D Ratio	L/D	21.6	20	20
Theoretical Shot Volume	cm³	8284	9662	11146
Shot Weight(PS)	g	7621	8889	10255
Injection Rate	g/s	898	1048	1209
Injection Pressure	MPa	197	169	146
Plasticizing Capacity (PS)	g/s	153.0	162.0	174.0
Screw Rotation Speed	rpm		103	

General Date	Unit	IU16300
Heater Power	kW	74
Motor Power	kW	54+41+41
Oil Tank Capacity	L	1600
Theoretical Weight	t	102
Machine Dim. (L×W×H)	m	14.1×3.35×3.7



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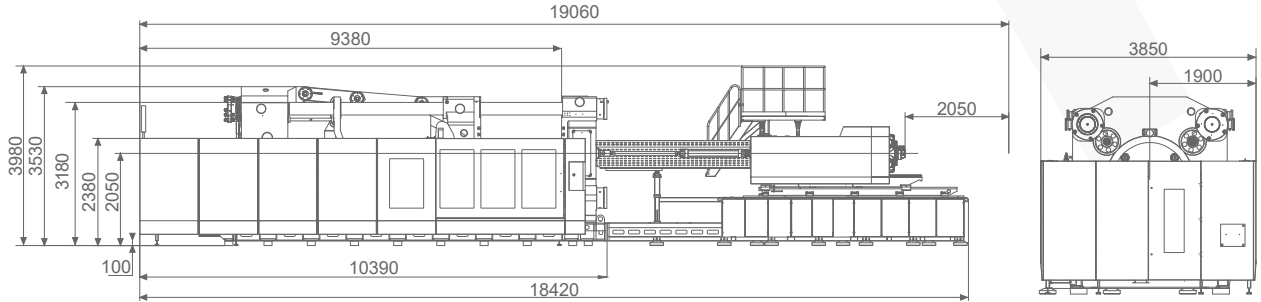
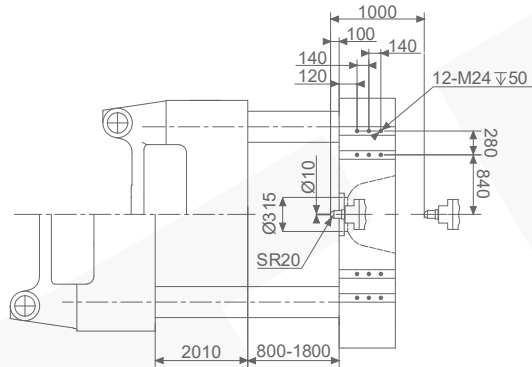
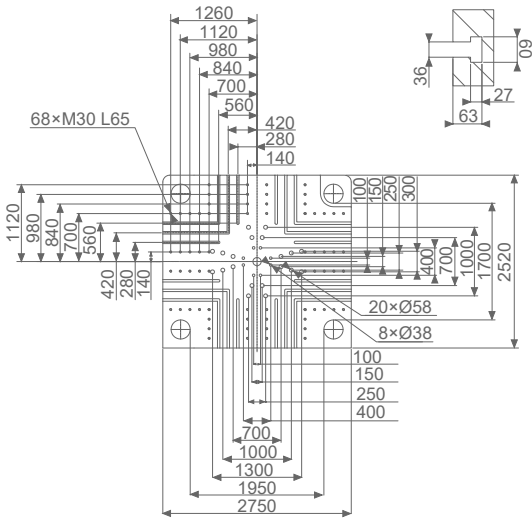
unit: mm

UN2500-M7 SPECIFICATIONS

Clamping Unit	Unit	UN2500-M7
Clamping Force	kN	25000
Mold Opening Stroke	mm	2000
Min. Mold Height	mm	800
Max. Mold Height	mm	1800
Max. Daylight	mm	3800
Tie Bar Space (HxV)	mm	1950×1700
Ejector Stroke	mm	500
Ejection Force	kN	565
No.of Ejector Pin Holes	/	29

Injection Unit	Unit	IU43500			
		A	B	C	D
Screw Diameter	mm	175	185	190	200
Screw L/D Ratio	L/D	24.0	22.7	22.1	21.0
Theoretical Shot Volume	cm³	25256	28224	29770	32986
Shot Weight(PS)	g	22983	25684	27090	30347
Injection Rate	g/s	1543	1724	1819	2015
Injection Pressure	MPa	172	154	146	132
Plasticizing Capacity (PS)	g/s	223.0	236.0	244.0	253.0
Screw Rotation Speed	rpm	70		60	

General Date	Unit	IU43500	
Heater Power	kW	190	200
Motor Power	kW	54+54+54+32	
Oil Tank Capacity	L	2300	
Theoretical Weight	t	165	170
Machine Dim. (L×W×H)	m	18.4×3.85×4.0	



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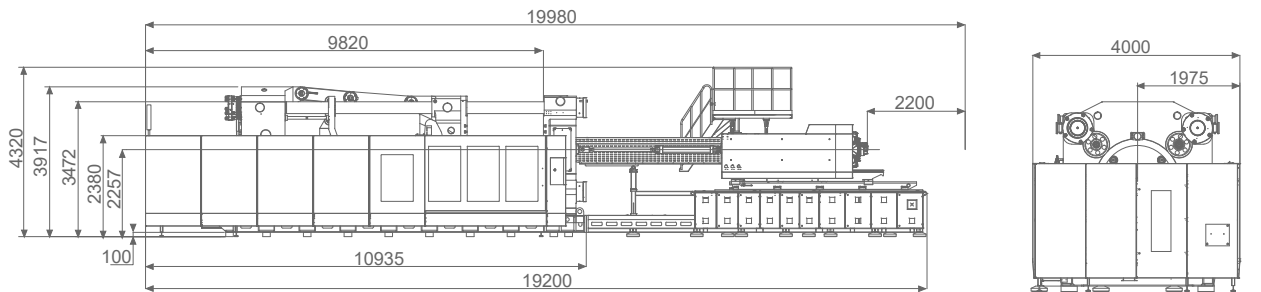
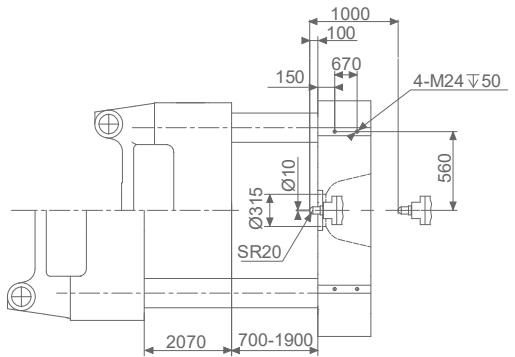
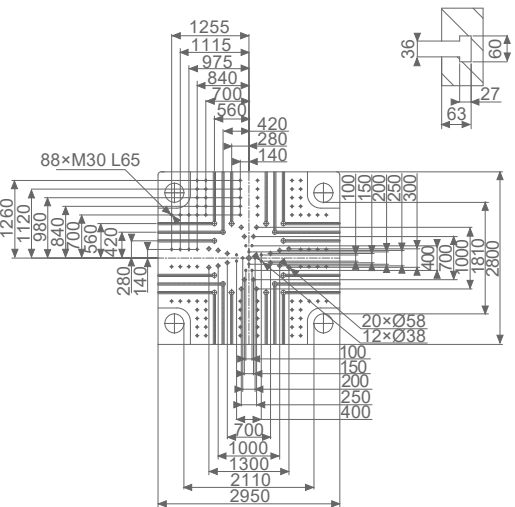
unit: mm

UN2900-M7 SPECIFICATIONS

Clamping Unit	Unit	UN2900-M7
Clamping Force	kN	29000
Mold Opening Stroke	mm	2170
Min. Mold Height	mm	850
Max. Mold Height	mm	1900
Max. Daylight	mm	4070
Tie Bar Space (HxV)	mm	2110×1810
Ejector Stroke	mm	500
Ejection Force	kN	565
No.of Ejector Pin Holes	/	33

Injection Unit	Unit	IU58000		IU73400	
		A	B	A	B
Screw Diameter	mm	200	210	220	230
Screw L/D Ratio	L/D	22.1	21.0	22.0	21.0
Theoretical Shot Volume	cm³	37680	41542	47493	51908
Shot Weight(PS)	g	34289	38219	43218	47755
Injection Rate	g/s	2269	2501	2252	2462
Injection Pressure	MPa	154	139	154.7	141.5
Plasticizing Capacity (PS)	g/s	240.0	260.0	295.0	310.0
Screw Rotation Speed	rpm	64		60	

General Date	Unit	IU58000	IU73400
Heater Power	kW	200	235
Motor Power	kW	54+54+54+54+54	54+54+54+54+54
Oil Tank Capacity	L	3200	
Theoretical Weight	t	210	220
Machine Dim. (L×W×H)	m	19.2×4.0×4.3	



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unit: mm

UN Standard & Optional Functions

CLAMPING UNIT	STD	OPT
Auto lubrication device	▲	
Slow mold opening and closing device	▲	
Ejection stroke controlled by transducer	▲	
5 stage mold open/close speed control	▲	
Mold open/close pressure/speed independent control	▲	
Low pressure mold protection device	▲	
Mold open/close controlled by transducer	▲	
Auto mold height adjustment	▲	
Ejection pressure independent control	▲	
Screw hole+ T slot platen	▲	
Adjustable moving platen support device	▲	
Mechanical & electric interlock device(below 350T,including 350T)	▲	
Hvdraulic & electric interlock device(350T above)	▲	
Auto mold close device	▲	
Core puller	▲	
Water manifold on fixed platen	▲	
Clamping force closed loop control		△

INJECTION UNIT	STD	OPT
6-stage injection speed/pressure/position control	▲	
5 stages holding pressure speed/pressure/time control	▲	
Proportional back pressure	▲	
Screw suck-back function	▲	
Barrel temperature PID control	▲	
Heater alarm function	▲	
Injection stroke controlled by precision transducer	▲	
Nitrided screw	▲	
Screw cold start protection	▲	
Injection unit with linear guide	▲	
Double injection cylinder system	▲	
Nozzle cover	▲	
Ceramic heater(More than 270, including 270)	▲	
High response servo control on injection		△
Plasticizing parallel		△
Screw and barrel made of other materials		△
Special injection unit		△

ELECTRIC SYSTEM	STD	OPT
Easton controller (90-650T)	▲	
TECHMATION controller (850-2900T)	▲	
Production data monitoring function	▲	
Fault self-detection	▲	
Hardware input/output	▲	
Servo motor overload protection	▲	
Emergency stop for safety door	▲	
SSR Heating	▲	
Power socket (32A)	▲	
Power socket (10A)	▲	
KEBA controller		△
Injection molding curve monitor		△
Nano infrared heater		△
HYDRAULIC SYSTEM	STD	OPT
Servo motor system	▲	
Oil temperature display	▲	
Oil tank magnet	▲	
ACC Accumulator rapid injection unit		△

OTHERS	STD	OPT
Leveling pad	▲	
Operation manual	▲	
Tool box	▲	
Spare parts	▲	
Mold clamp	▲	
Hopper		△
Hopper dryer		△
Auto loader		△
Shut-off nozzle		△

▲ Standard function △ Optional function

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▲ Standard function △ Optional function

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UN

Modular Injection Unit

Modular injection platform, flexible configuration, multiple choices, quick application matching

	IU 360	IU 530	IU 740	IU 1070	IU 1330	IU 1900	IU 2700	IU 3350	IU 5000	IU 6800	IU 9000	IU 11800	IU 14800	IU 16300	IU 43500	IU 58000	IU 73400
UN90	32 37 42																
UN120		37 42 47															
UN160			42 47 53														
UN200				47 53 60													
UN260					53 60 68												
UN300					53 60 68												
UN350						60 68 76											
UN400							68 76 84										
UN500								76 84 92									
UN560								76 84 92									
UN650									84 92 100								
UN850										92 100 108							
UN1000											100 108 116						
UN1300												108 116 125					
UN1600													116 125 135				
UN1800														125 135 145			
UN2500															175 185 190 200		
UN2900																200 210	220 230

