



TOGGLE INJECTION MOULDING MACHINES



Intro

DT SERIES TOGGLE INJECTION MOULDING MACHINE



**We keep continuous improving,
upgrading to a new transformation.**

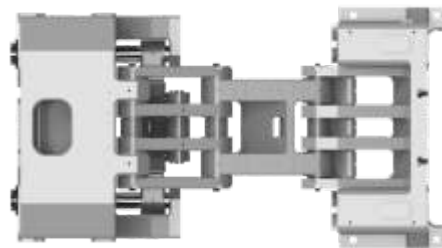
DT series, among STM Dream family, has obtained good market reputation and shares since its launch in the market.

Improved Material Technology based on collection of customer's feedback, Analysis and developed by R&D department.

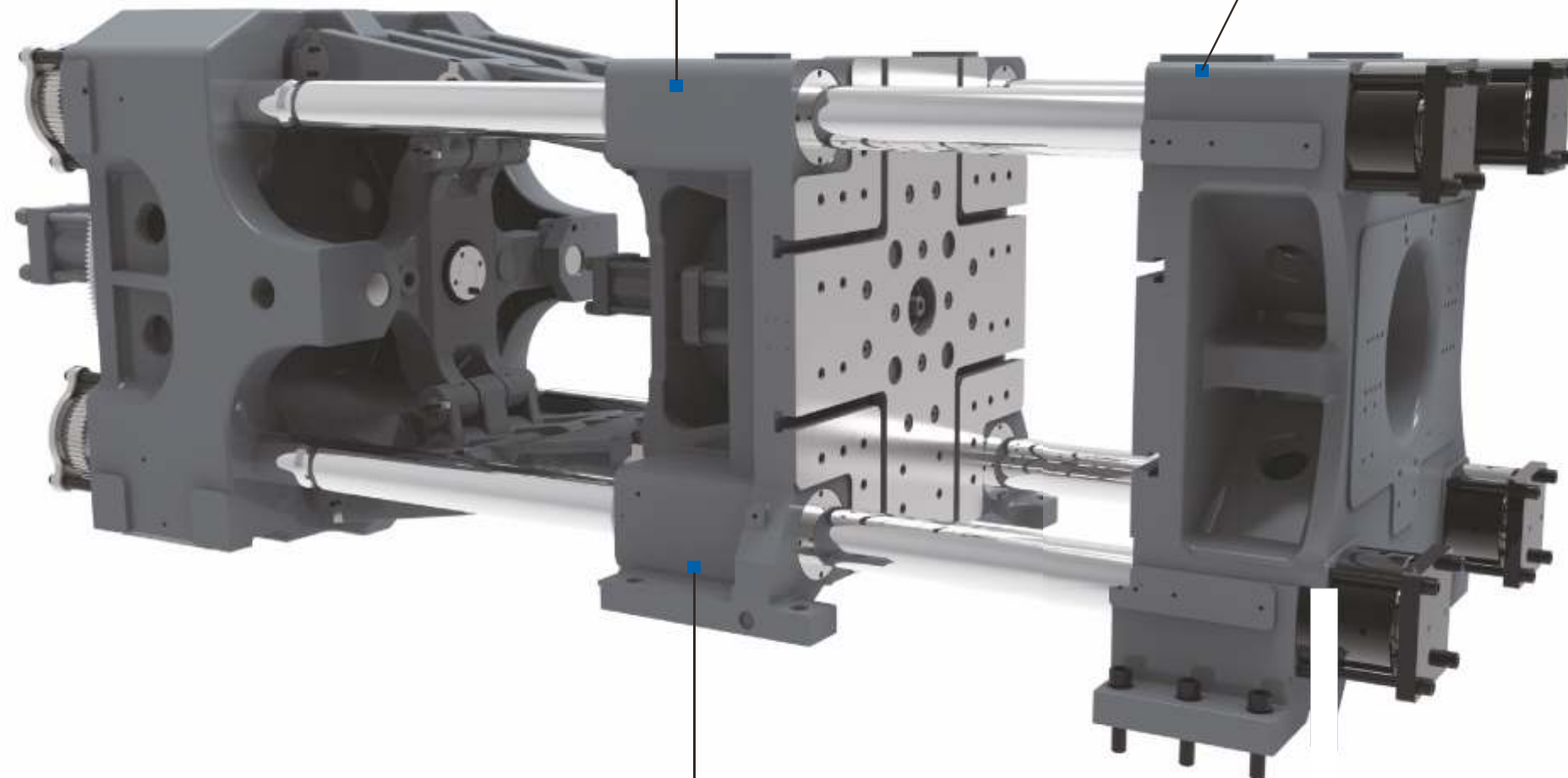
The improvement of DT series is still ongoing process

Clamping

Robust H Type Latest Technology Toggle System



Wider Moving Platen with large skates area



Box Type structure design

Box type structure more uniform stresses low deformation.

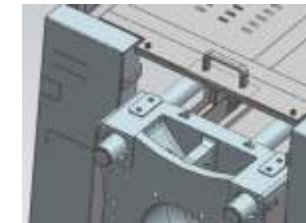


Groove for the tie bar stress relieving

Enlarged support for better platen movement stability

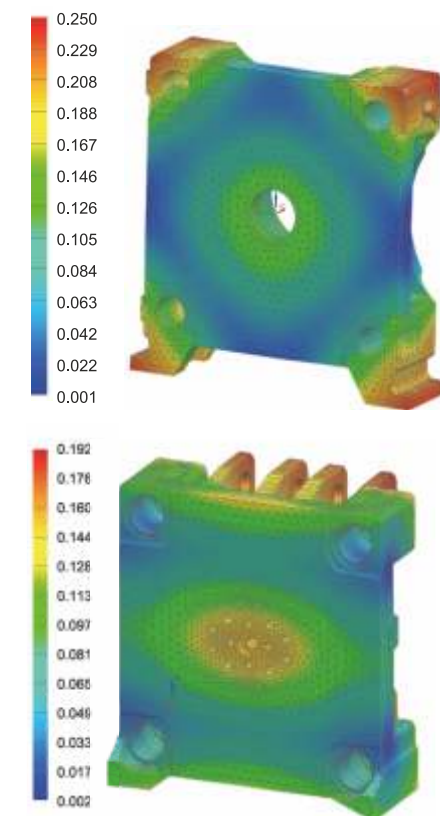
Running of open-close mold more stable, bearing ability enlarged, avoiding leaning of the molds to protect molds, improve lifetime of molds.

Mechanical Robot Installation holes



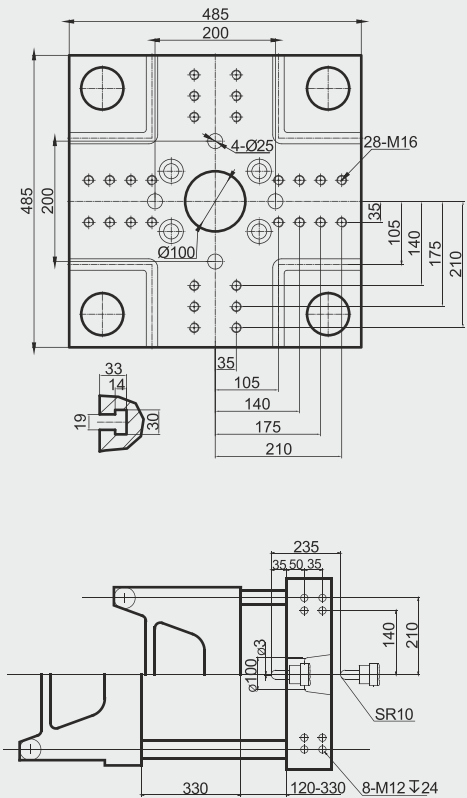
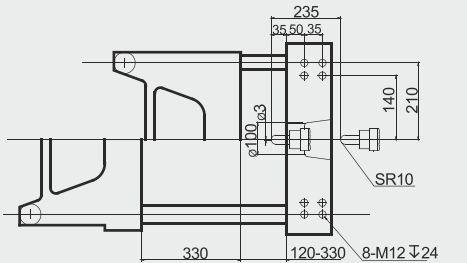
Finite Element Analysis

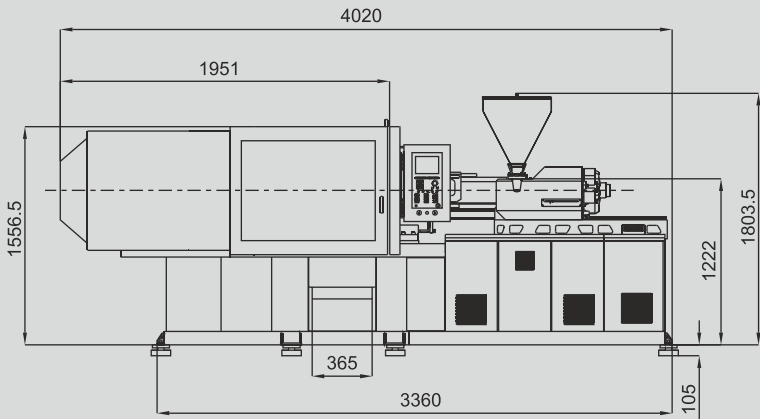
Deformation reduces, rigidity of platen enhanced, effectively protect the mold and ensure precision of products.

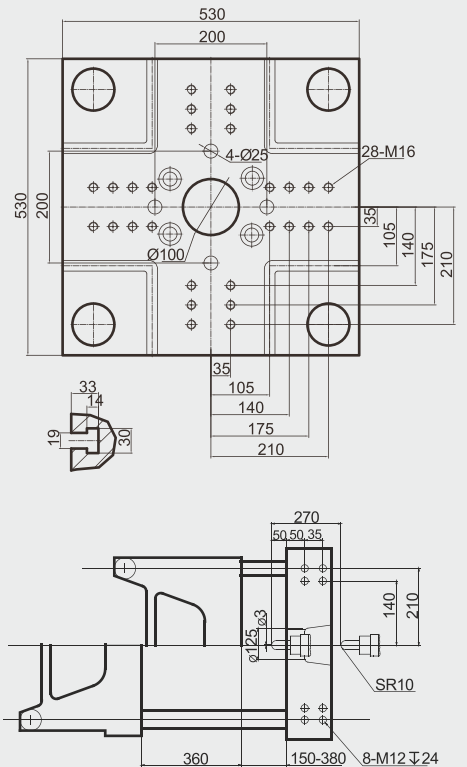
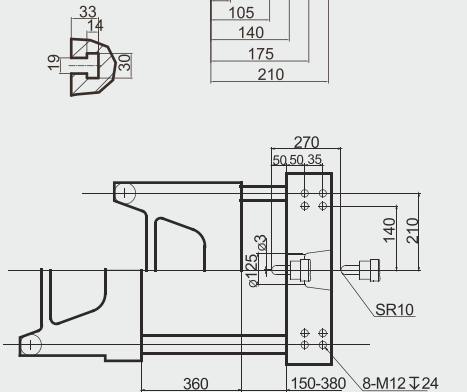


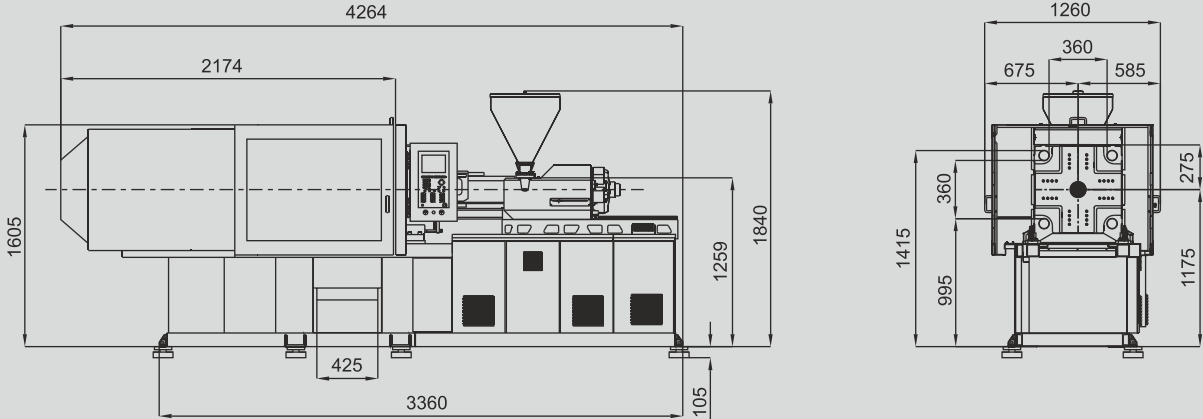
High Response, Injection Unit on Lm Guides For More Stability

Parameter

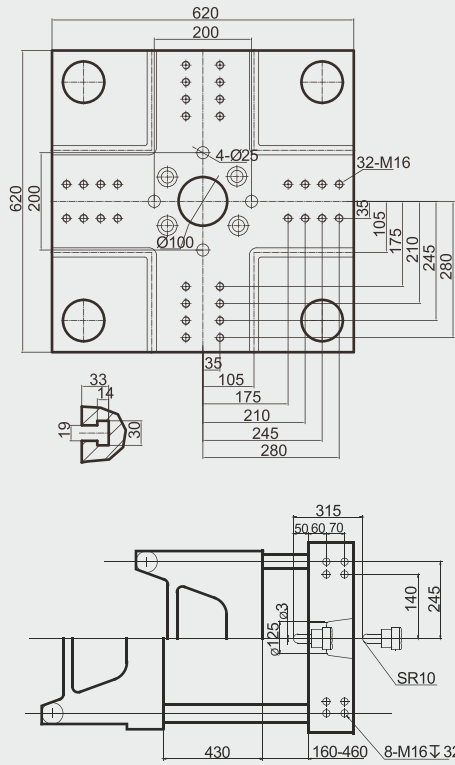
Clamping Unit		Unit	D 80			Platen Dimension	
Clamping force		kN	800				
Clamping stroke		mm	330				
Tie bar distance		mm	320×320				
Max.mold height		mm	330				
Min.mold height		mm	120				
Ejector stroke		mm	80				
Ejector force		kN	28				
Ejector quantity		Pcs	5				
Minimum mould size		mm	224x224				
Injection unit	Unit	i210					
		A	B	C			
Screw diameter		mm	28	32			35
Screw L/D ratio		L/D	22.9	20.0			18.3
Shot size(Theoretical)		cm³	89	116			139
Injection weight(PS)		g	81	105			126
Injection pressure		Mpa	251.0	192.0			161.0
Injection rate into air(PS)		g/s	78/96	102/126			122/151
Injection stroke		mm	144				
Injection speed		mm/s	140/172				
Screw rotation spee		rpm	325/400				
Other	Unit	i210					
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	13/16				
Heat power		kW	5.4/6.7				
Hopper capacity		kg	25				
Oil tank capacity		L	135				

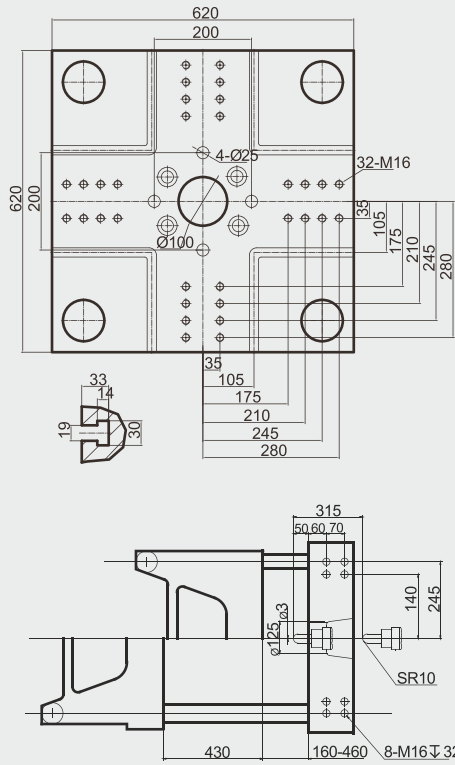
Machine Dimension	
	
Unit:mm	

Clamping Unit		Unit	D 100			Platen Dimension	
Clamping force		kN	1000				
Clamping stroke		mm	360				
Tie bar distance		mm	360×360				
Max.mold height		mm	380				
Min.mold height		mm	150				
Ejector stroke		mm	120				
Ejector force		kN	34				
Ejector quantity		Pcs	5				
Minimum mould size		mm	252x252				
Injection unit	Unit	i380					
		A	B	C			
Screw diameter		mm	35	38			42
Screw L/D ratio		L/D	21.7	20.0			18.1
Shot size(Theoretical)		cm³	168	199			243
Injection weight(PS)		g	153	181			221
Injection pressure		Mpa	228.0	193.0			158.0
Injection rate into air(PS)		g/s	86/106	102/125			124/153
Injection stroke		mm	175				
Injection speed		mm/s	99/121				
Screw rotation spee		rpm	225/277				
Other	Unit	i380					
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	13/16				
Heat power		kW	6.6/8.2				
Hopper capacity		kg	25				
Oil tank capacity		L	150				

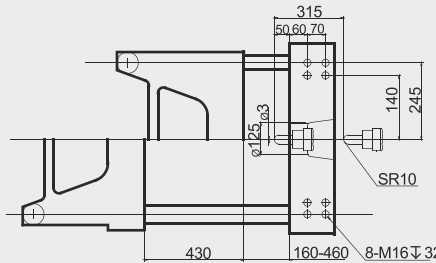
Machine Dimension	
	
Unit:mm	

Parameter

Clamping Unit		Unit	D130			Platen Dimension	
Clamping force		kN	1300				
Clamping stroke		mm	430				
Tie bar distance		mm	420×420				
Max.mold height		mm	460				
Min.mold height		mm	160				
Ejector stroke		mm	120				
Ejector force		kN	34				
Ejector quantity		Pcs	5				
Minimum mould size		mm	294x294				
Injection unit		Unit	i510				
			A	B	C		
Screw diameter		mm	38	42	45		
Screw L/D ratio		L/D	22.1	20.0	18.7		
Shot size(Theoretical)		cm³	222	270	310		
Injection weight(PS)		g	202	246	282		
Injection pressure		Mpa	233.0	190.0	166.0		
Injection rate into air(PS)		g/s	104/130	127/159	146/182		
Injection stroke		mm	195				
Injection speed		mm/s	101/126				
Screw rotation spee		rpm	237/296				
Other		Unit	i510				
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	16/20				
Heat power		kW	9.5/12				
Hopper capacity		kg	25				
Oil tank capacity		L	200				



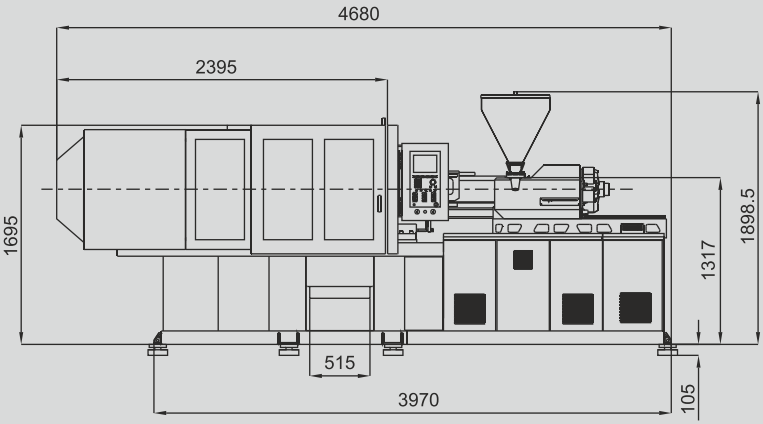
Technical drawing of the D130 clamping unit. The top view shows a square platen with dimensions 620x620 mm. The side view shows the height of the unit, with dimensions 19, 33, 14, 30, 35, 105, 175, 210, 245, and 280 mm. The drawing also shows the location of the tie bars and the ejector stroke.

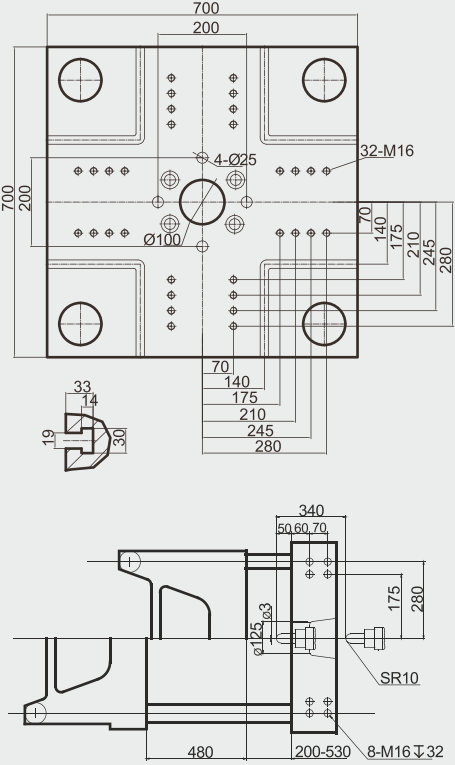


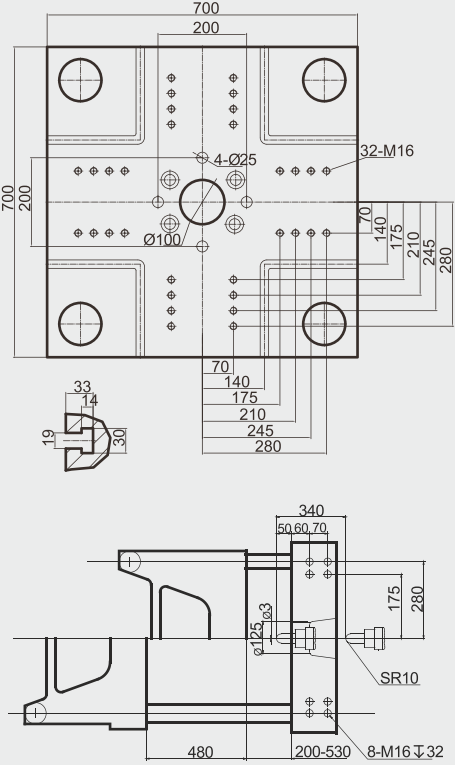
Technical drawing of the i510 injection unit. The side view shows the height of the unit, with dimensions 315, 50, 60, 70, 140, and 245 mm. The front view shows the width of the unit, with dimensions 430, 160, and 460 mm. The drawing also shows the location of the tie bars and the ejector stroke.

Unit:mm

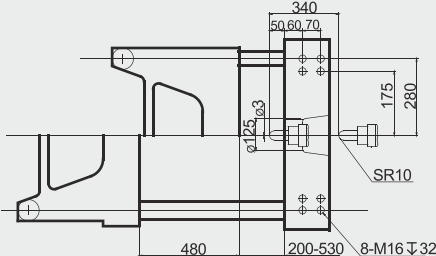
Machine Dimension

Machine Dimension	
	
Unitmm	

Clamping Unit		Unit	D160			Platen Dimension	
Clamping force		kN	1600				
Clamping stroke		mm	480				
Tie bar distance		mm	470×470				
Max.mold height		mm	530				
Min.mold height		mm	200				
Ejector stroke		mm	150				
Ejector force		kN	45				
Ejector quantity		Pcs	5				
Minimum mould size		mm	329x329				
Injection unit		Unit	i600				
			A	B	C		
Screw diameter		mm	42	45	50		
Screw L/D ratio		L/D	21.4	20.0	18.0		
Shot size(Theoretical)		cm³	287	329	406		
Injection weight(PS)		g	261	300	370		
Injection pressure		Mpa	213.0	185.0	150.0		
Injection rate into air(PS)		g/s	142/177	163/203	202/252		
Injection stroke		mm	207				
Injection speed		mm/s	113/141				
Screw rotation spee		rpm	260/310				
Other		Unit	i600				
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	20/25				
Heat power		kW	10/13				
Hopper capacity		kg	25				
Oil tank capacity		L	220				



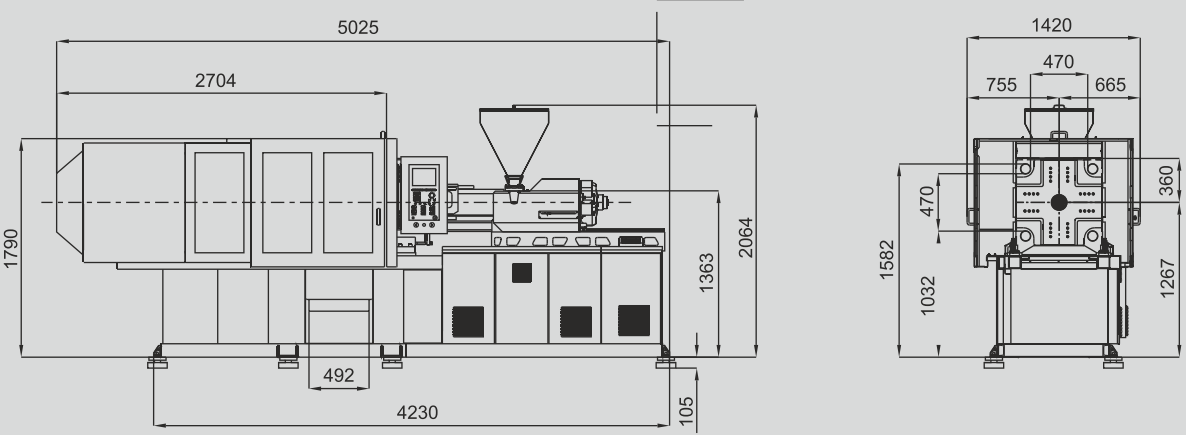
Technical drawing of the D160 clamping unit. The top view shows a square platen with dimensions 700x700 mm. The side view shows the height of the unit, with dimensions 280 mm for the main body and 175 mm for the tie bar distance. The drawing includes details of the tie bars, which are 32-M16, and the ejector pins, which are 4-Ø25. The minimum mold height is 200 mm, and the maximum mold height is 530 mm. The tie bar distance is 470x470 mm. The ejector stroke is 150 mm, and the ejector force is 45 kN. The ejector quantity is 5 pcs. The minimum mold size is 329x329 mm.



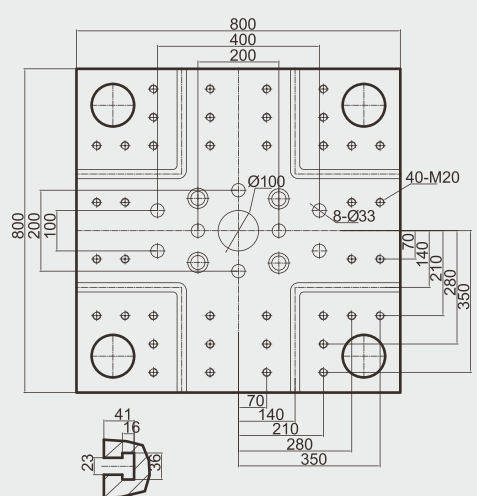
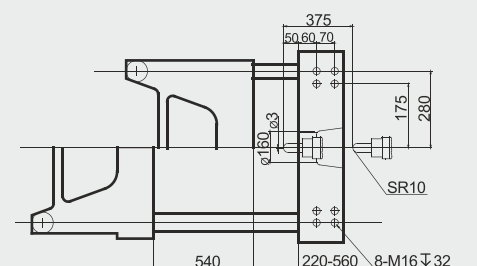
Technical drawing of the i600 injection unit. The side view shows the height of the unit, with dimensions 280 mm for the main body and 175 mm for the tie bar distance. The front view shows the width of the unit, with dimensions 480 mm for the main body and 200-530 mm for the tie bar distance. The drawing includes details of the tie bars, which are 8-M16, and the ejector pins, which are 4-Ø25. The minimum mold height is 200 mm, and the maximum mold height is 530 mm. The tie bar distance is 470x470 mm. The ejector stroke is 150 mm, and the ejector force is 45 kN. The ejector quantity is 5 pcs. The minimum mold size is 329x329 mm.

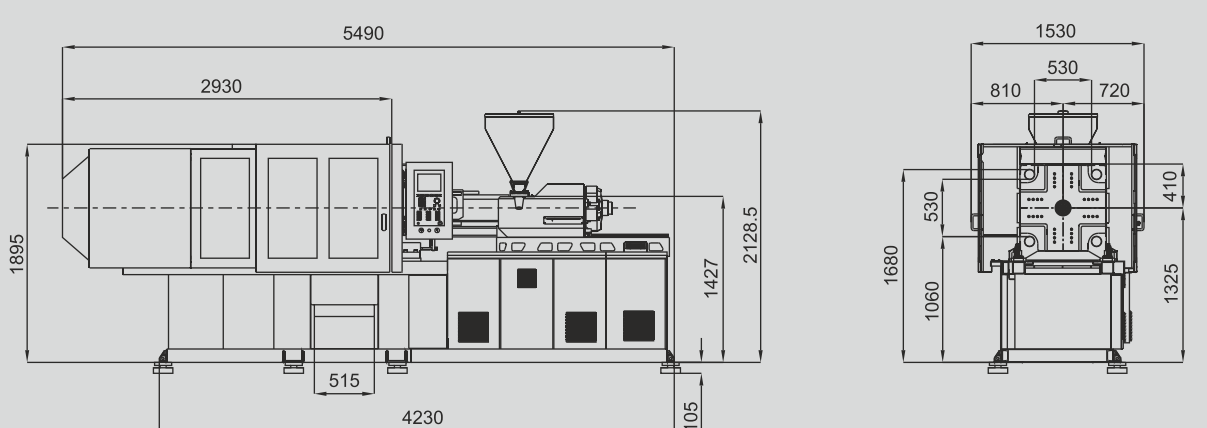
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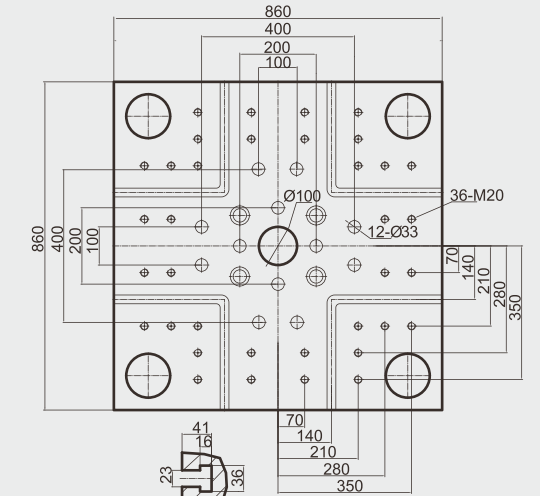
Machine Dimension

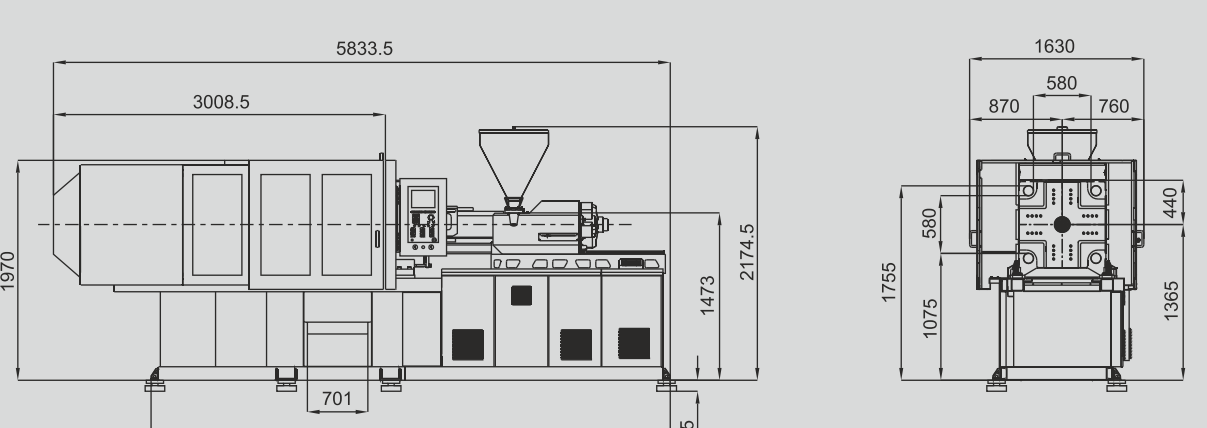
Machine Dimension	
	
Unitmm	

Parameter

Clamping Unit		Unit	D200			
Clamping force	kN	2000				
Clamping stroke	mm	540				
Tie bar distance	mm	530×530				
Max.mold height	mm	560				
Min.mold height	mm	220				
Ejector stroke	mm	150				
Ejector force	kN	67				
Ejector quantity	Pcs	9				
Minimum mould size	mm	329x329				
Injection unit	Unit	i850				
		A	B	C		
Screw diameter	mm	45	50	55		
Screw L/D ratio	L/D	22.2	20.0	18.2		
Shot size(Theoretical)	cm³	358	442	535		
Injection weight(PS)	g	326	402	486		
Injection pressure	Mpa	238.0	193.0	159.0		
Injection rate into air(PS)	g/s	127/159	157/196	190/237		
Injection stroke	mm	225				
Injection speed	mm/s	88/110				
Screw rotation spee	rpm	198/247				
Other	Unit	i850				
Max. pump pressure	Mpa	17.5				
Pump motor power	kW	20/25				
Heat power	kW	13/16				
Hopper capacity	kg	50				
Oil tank capacity	L	300				

Machine Dimension	
	
Unit:mm	

Clamping Unit			Unit	D 250			Platen Dimension 
Clamping force			kN	2500			
Clamping stroke			mm	550			
Tie bar distance			mm	580×580			
Max.mold height			mm	600			
Min.mold height			mm	250			
Ejector stroke			mm	160			
Ejector force			kN	67			
Ejector quantity			Pcs	13			
Minimum mould size			mm	406x406			
Injection unit	Unit	i1100					
		A	B	C			
Screw diameter		mm	50	55		60	
Screw L/D ratio		L/D	22.0	20.0		18.3	
Shot size(Theoretical)		cm³	497	601		715	
Injection weight(PS)		g	452	547		651	
Injection pressure		Mpa	224.0	185.0		156.0	
Injection rate into air(PS)		g/s	169/207	204/251		243/298	
Injection stroke		mm	253				
Injection speed		mm/s	95/116				
Screw rotation spee		rpm	195/239				
Other	Unit	i1100					
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	25/31				
Heat power		kW	16/20				
Hopper capacity		kg	50				
Oil tank capacity		L	350				

Machine Dimension	
	
Unit:mm	

Parameter

Clamping Unit		Unit	D 300			Platen Dimension	
Clamping force		kN	3000				
Clamping stroke		mm	650				
Tie bar distance		mm	630×630				
Max.mold height		mm	650				
Min.mold height		mm	250				
Ejector stroke		mm	160				
Ejector force		kN	67				
Ejector quantity		Pcs	13				
Minimum mould size		mm	432x432				
Injection unit	Unit	i1500					
		A	B	C			
Screw diameter		mm	55	60			65
Screw L/D ratio		L/D	21.8	20.0			18.5
Shot size(Theoretical)		cm³	656	780			916
Injection weight(PS)		g	597	710			833
Injection pressure		Mpa	229.0	193.0			164.0
Injection rate into air(PS)		g/s	203/242	241/288			283/338
Injection stroke		mm	276				
Injection speed		mm/s	94/112				
Screw rotation spee		rpm	202/241				
Other	Unit	i1500					
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	31/37				
Heat power		kW	19/24				
Hopper capacity		kg	50				
Oil tank capacity		L	500				

Unit:mm

Machine Dimension

Machine Dimension	
Unit:mm	

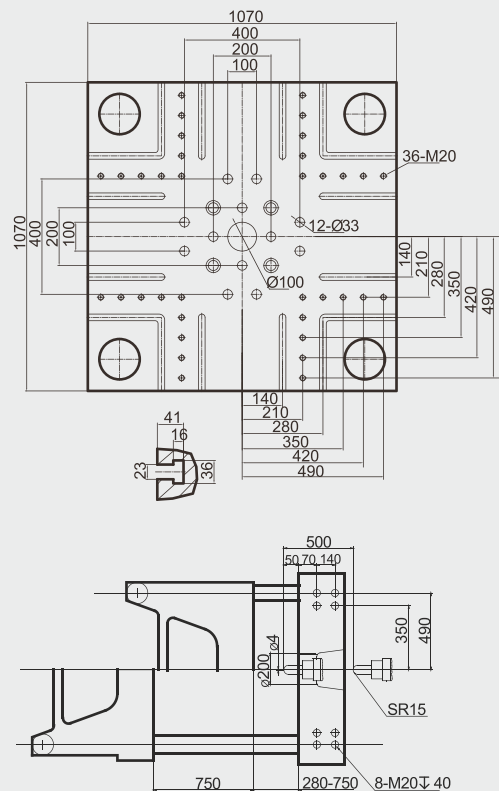
Clamping Unit		Unit	D 350			Platen Dimension	
Clamping force		kN	3500				
Clamping stroke		mm	690				
Tie bar distance		mm	680×680				
Max.mold height		mm	700				
Min.mold height		mm	280				
Ejector stroke		mm	160				
Ejector force		kN	67				
Ejector quantity		Pcs	13				
Minimum mould size		mm	476x476				
Injection unit	Unit	i1900					
		A	B	C			
Screw diameter		mm	60	65			70
Screw L/D ratio		L/D	21.7	20.0			18.6
Shot size(Theoretical)		cm³	845	992			1151
Injection weight(PS)		g	769	903			1047
Injection pressure		Mpa	226.0	193.0			166.0
Injection rate into air(PS)		g/s	245/284	288/334			334/387
Injection stroke		mm	299				
Injection speed		mm/s	95/110				
Screw rotation spee		rpm	195/225				
Other	Unit	i1900					
Max. pump pressure		Mpa	17.5				
Pump motor power		kW	37/43				
Heat power		kW	25/31				
Hopper capacity		kg	50				
Oil tank capacity		L	550				

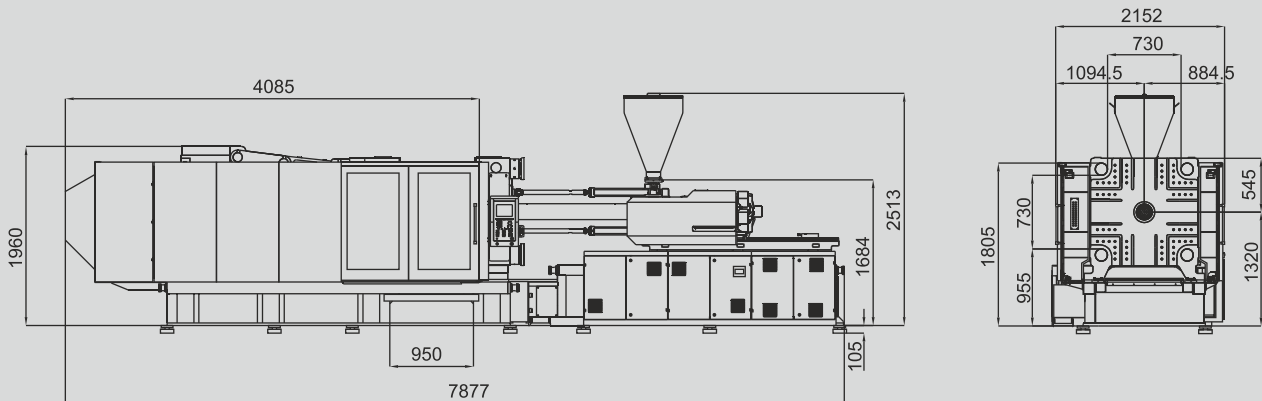
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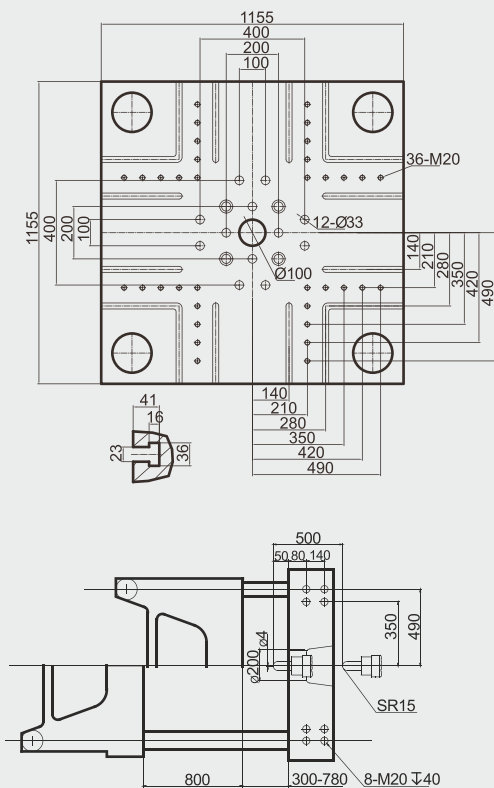
Machine Dimension

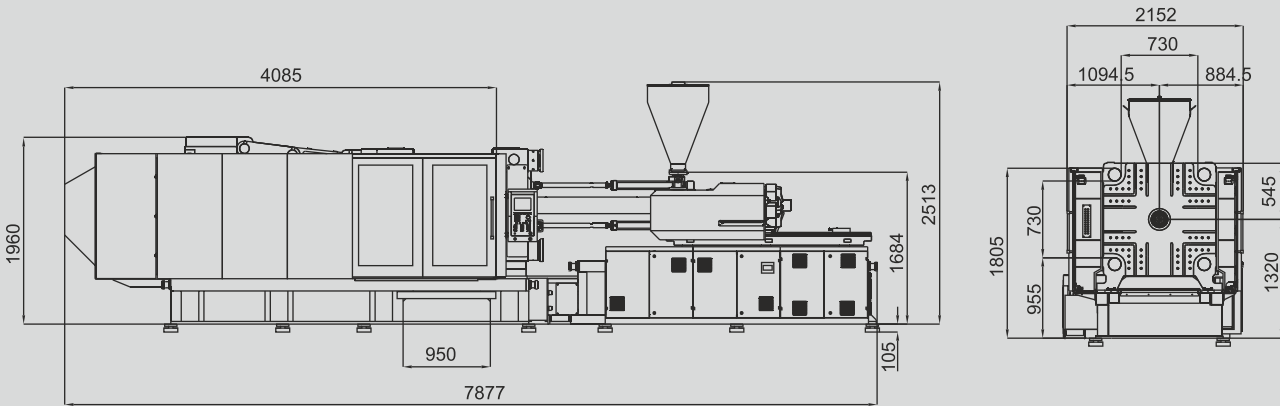
Machine Dimension	
Unit:mm	

Parameter

Clamping Unit		Unit	D400			Platen Dimension 
Clamping force	kN	4000				
Clamping stroke	mm	750				
Tie bar distance	mm	730×730				
Max.mold height	mm	750				
Min.mold height	mm	280				
Ejector stroke	mm	200				
Ejector force	kN	124				
Ejector quantity	Pcs	13				
Minimum mould size	mm	511x511				
Injection unit	Unit	i2500			Unit:mm	
		A	B	C		
Screw diameter	mm	65	70	75		
Screw L/D ratio	L/D	23.7	22.0	20.5		
Shot size(Theoretical)	cm³	1161	1347	1546		
Injection weight(PS)	g	1057	1226	1407		
Injection pressure	Mpa	222.0	191.0	167.0		
Injection rate into air(PS)	g/s	250/296	290/343	333/394		
Injection stroke	mm	350				
Injection speed	mm/s	83/98				
Screw rotation spee	rpm	169/200				
Other	Unit	i2500				
Max. pump pressure	Mpa	17.5				
Pump motor power	kW	37/43				
Heat power	kW	26/33				
Hopper capacity	kg	50				
Oil tank capacity	L	740				

Machine Dimension	
	
Unit:mm	

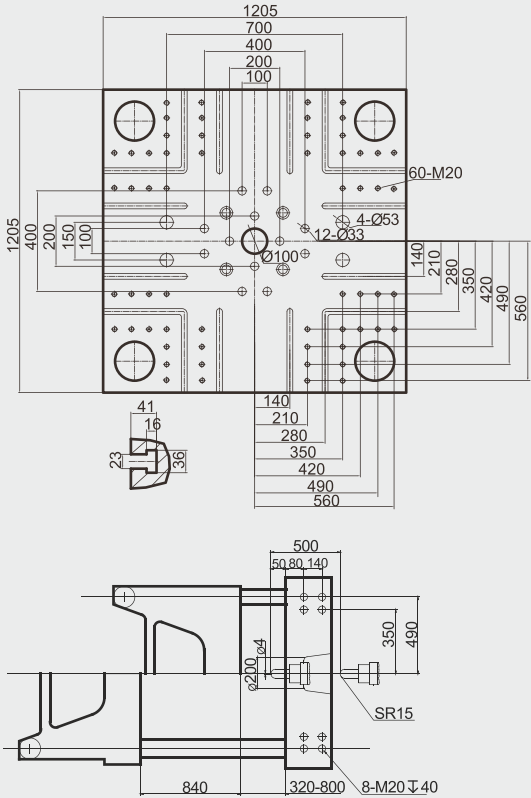
Clamping Unit	Unit	D450			Platen Dimension 
Clamping force	kN	4500			
Clamping stroke	mm	800			
Tie bar distance	mm	780×780			
Max.mold height	mm	780			
Min.mold height	mm	300			
Ejector stroke	mm	200			
Ejector force	kN	124			
Ejector quantity	Pcs	13			
Minimum mould size	mm	532x532			
Injection unit	Unit	i3200			Unit:mm
		A	B	C	
Screw diameter	mm	70	75	80	
Screw L/D ratio	L/D	23.6	22.0	20.6	
Shot size(Theoretical)	cm³	1516	1741	1981	
Injection weight(PS)	g	1380	1584	1802	
Injection pressure	Mpa	212.0	185.0	162.0	
Injection rate into air(PS)	g/s	309/380	355/437	404/497	
Injection stroke	mm	394			
Injection speed	mm/s	88/109			
Screw rotation spee	rpm	190/234			
Other	Unit	i3200			
Max. pump pressure	Mpa	17.5			
Pump motor power	kW	43/53			
Heat power	kW	32/39			
Hopper capacity	kg	50			
Oil tank capacity	L	780			

Machine Dimension	
	
Unit:mm	

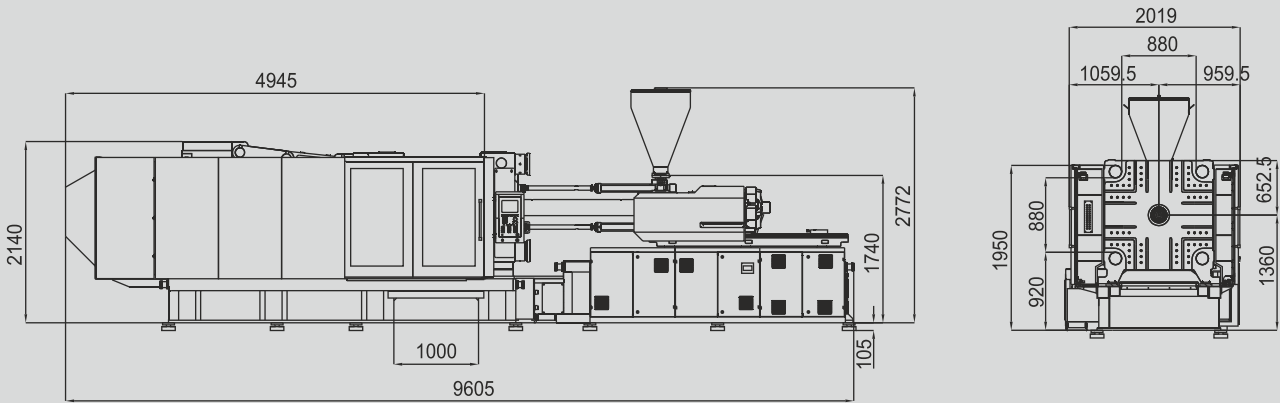
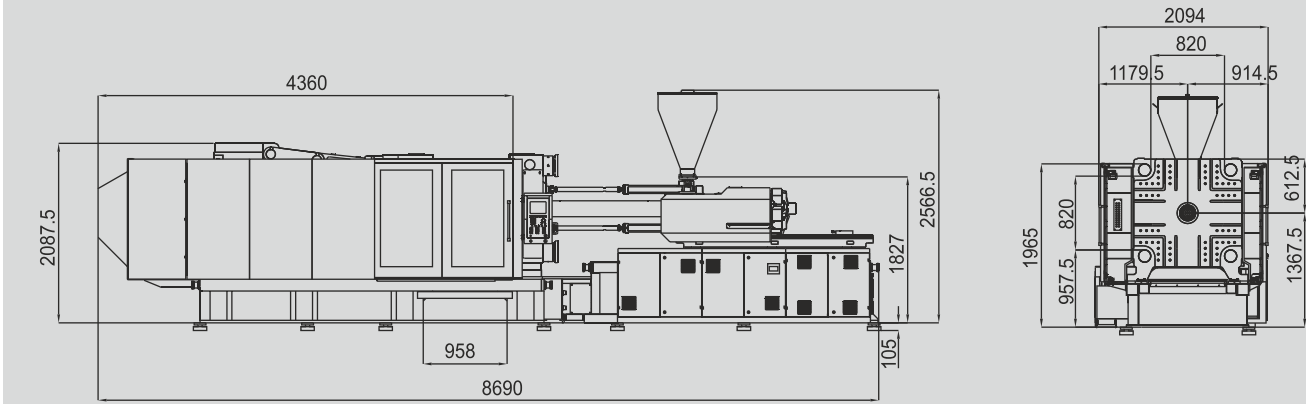
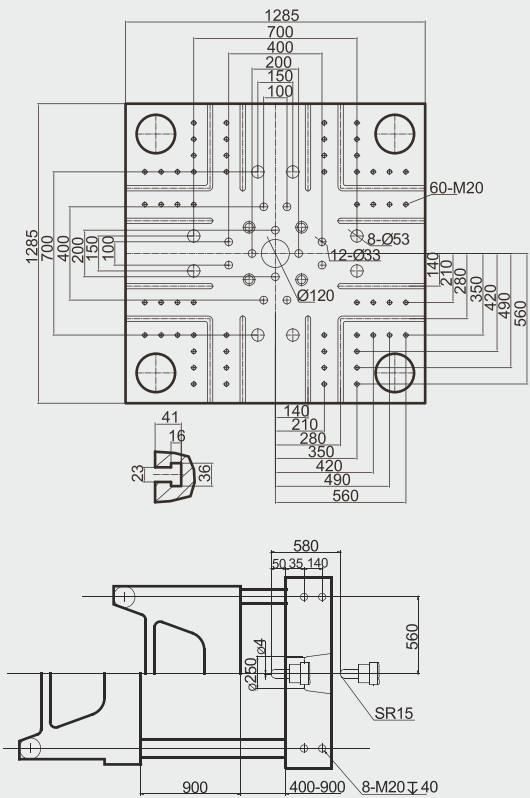
Parameter

Clamping Unit	Unit	D500			Platen Dimension
Clamping force	kN	5000			
Clamping stroke	mm	840			
Tie bar distance	mm	820×820			
Max.mold height	mm	800			
Min.mold height	mm	320			
Ejector stroke	mm	200			
Ejector force	kN	124			
Ejector quantity	Pcs	17			
Minimum mould size	mm	574x574			
Injection unit	Unit	i3800			Machine Dimension
		A	B	C	
Screw diameter	mm	75	80	85	
Screw L/D ratio	L/D	23.5	22.0	20.7	
Shot size(Theoretical)	cm³	1785	2031	2293	
Injection weight(PS)	g	1624	1848	2086	
Injection pressure	Mpa	217.0	190.0	169.0	
Injection rate into air(PS)	g/s	373/429	424/488	479/550	
Injection stroke	mm	404			
Injection speed	mm/s	93/107			
Screw rotation spee	rpm	167/193			
Other	Unit	i3800			
Max. pump pressure	Mpa	17.5			
Pump motor power	kW	53/61			
Heat power	kW	37/46			
Hopper capacity	kg	50			
Oil tank capacity	L	900			

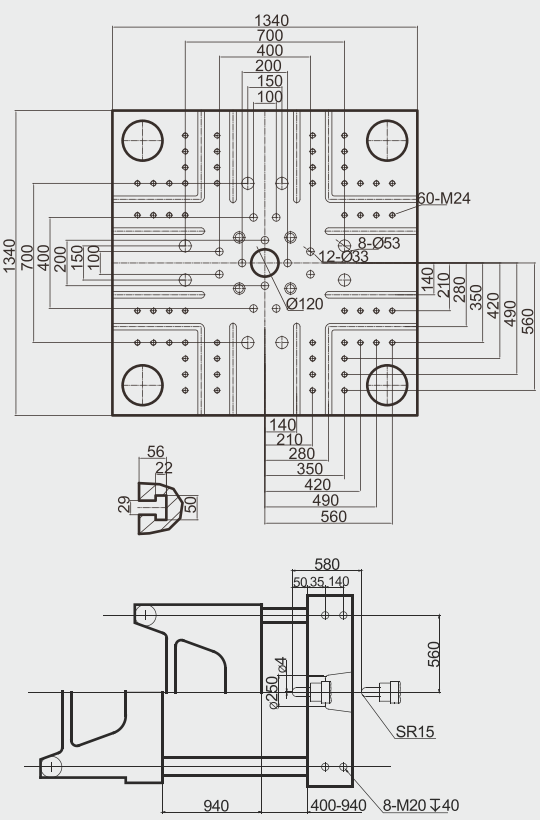
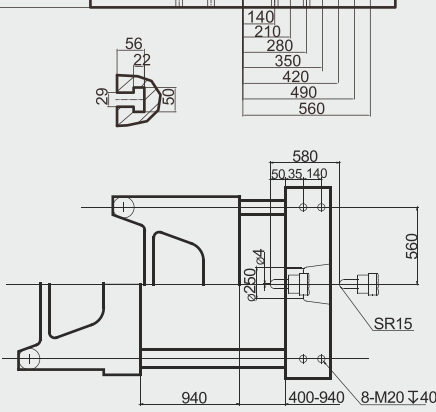
Technical drawing of the machine platen showing dimensions and features. The drawing includes a top view and a side view. The top view shows a square platen with a central circular feature and four corner circular features. Dimensions include 1205, 700, 400, 200, 100, 60-M20, 4-Ø53, 12-Ø33, 140, 210, 280, 350, 420, 490, 560, 41, 16, 23, 136, 140, 210, 280, 350, 420, 490, 560. The side view shows a cross-section of the platen with dimensions 500, 50, 80, 140, 350, 490, SR15, 840, 320-800, 8-M20, 40.

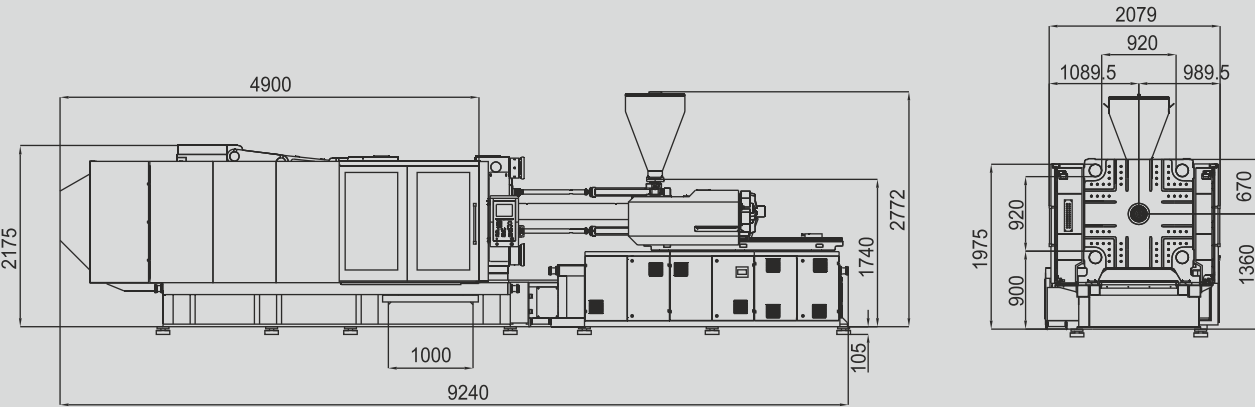


Clamping Unit	Unit	D600			Platen Dimension
Clamping force	kN	6000			
Clamping stroke	mm	900			
Tie bar distance	mm	880×880			
Max.mold height	mm	900			
Min.mold height	mm	400			
Ejector stroke	mm	260			
Ejector force	kN	182			
Ejector quantity	Pcs	21			
Minimum mould size	mm	616x616			
Injection unit	Unit	i4800			Machine Dimension
		A	B	C	
Screw diameter	mm	80	85	90	
Screw L/D ratio	L/D	23.4	22.0	20.8	
Shot size(Theoretical)	cm³	2242	2531	2837	
Injection weight(PS)	g	2040	2303	2582	
Injection pressure	Mpa	220.4	195.2	174.1	
Injection rate into air(PS)	g/s	382/462	431/522	484/585	
Injection stroke	mm	446			
Injection speed	mm/s	84/101			
Screw rotation spee	rpm	156/189			
Other	Unit	i4800			
Max. pump pressure	Mpa	17.5			
Pump motor power	kW	56/67			
Heat power	kW	39/48			
Hopper capacity	kg	100			
Oil tank capacity	L	950			

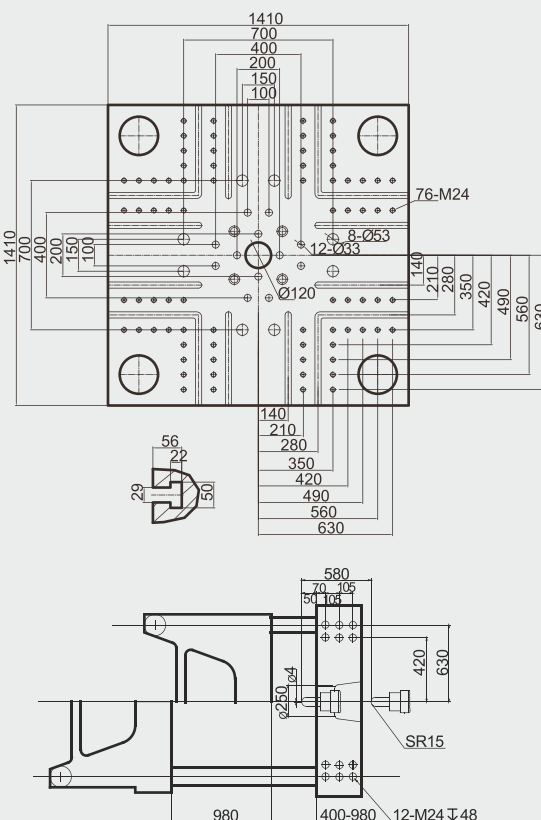
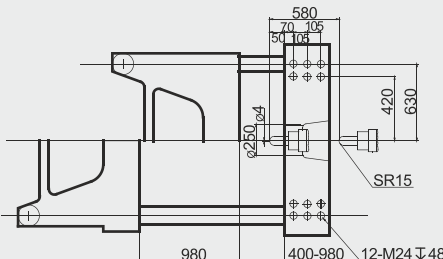


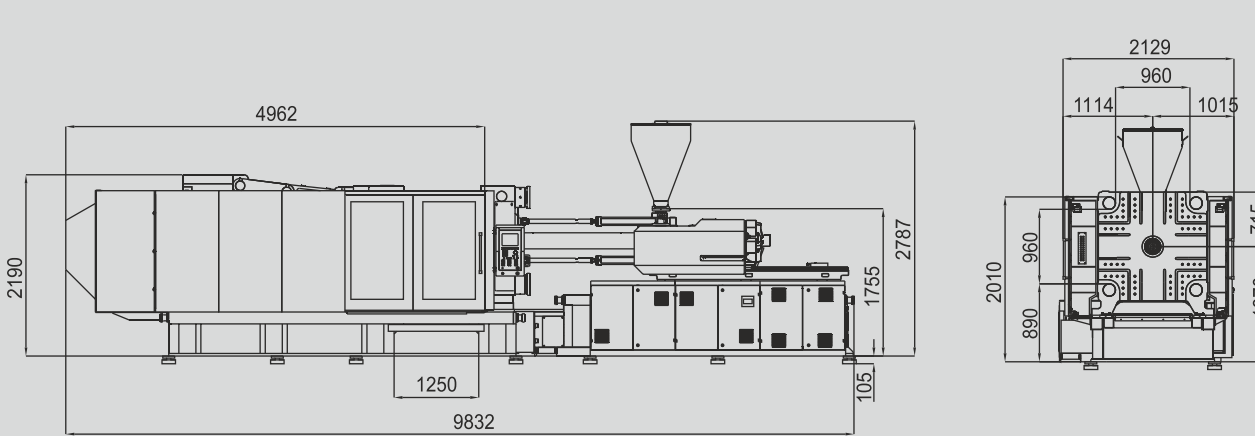
Parameter

Clamping Unit		Unit	D650			Platen Dimension		
Clamping force	kN	6500						
Clamping stroke	mm	940						
Tie bar distance	mm	920×920						
Max.mold height	mm	940						
Min.mold height	mm	400						
Ejector stroke	mm	260						
Ejector force	kN	182						
Ejector quantity	Pcs	21						
Minimum mould size	mm	644x644						
Injection unit	Unit	i4800						
		A	B	C				
Screw diameter	mm	80	85	90			Unit:mm	
Screw L/D ratio	L/D	23.4	22.0	20.8				
Shot size(Theoretical)	cm³	2242	2531	2837				
Injection weight(PS)	g	2040	2303	2582				
Injection pressure	Mpa	220.4	195.2	174.1				
Injection rate into air(PS)	g/s	382/462	431/522	484/585				
Injection stroke	mm	446						
Injection speed	mm/s	84/101						
Screw rotation spee	rpm	156/189						
Other	Unit	i4800						
Max. pump pressure	Mpa	17.5						
Pump motor power	kW	56/67						
Heat power	kW	39/48						
Hopper capacity	kg	100						
Oil tank capacity	L	950						
Machine Dimension								



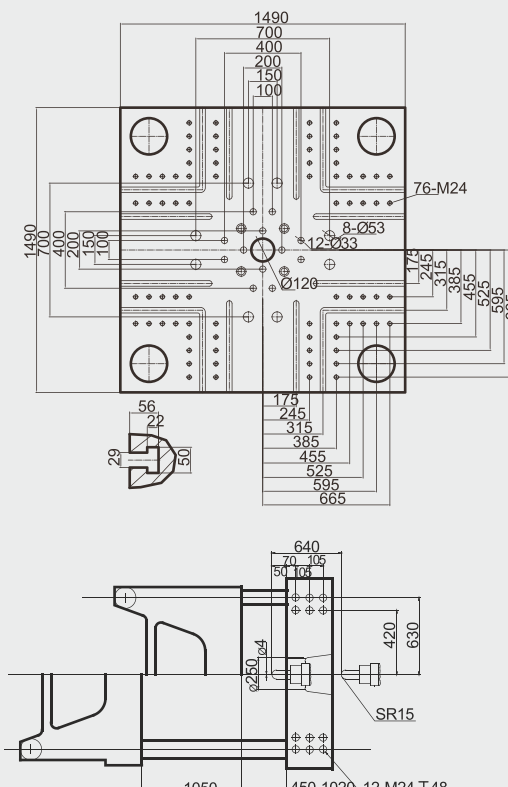
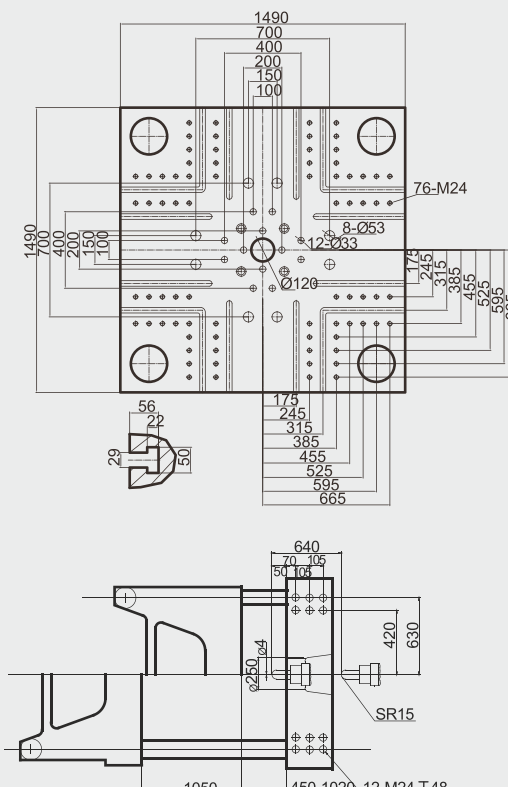
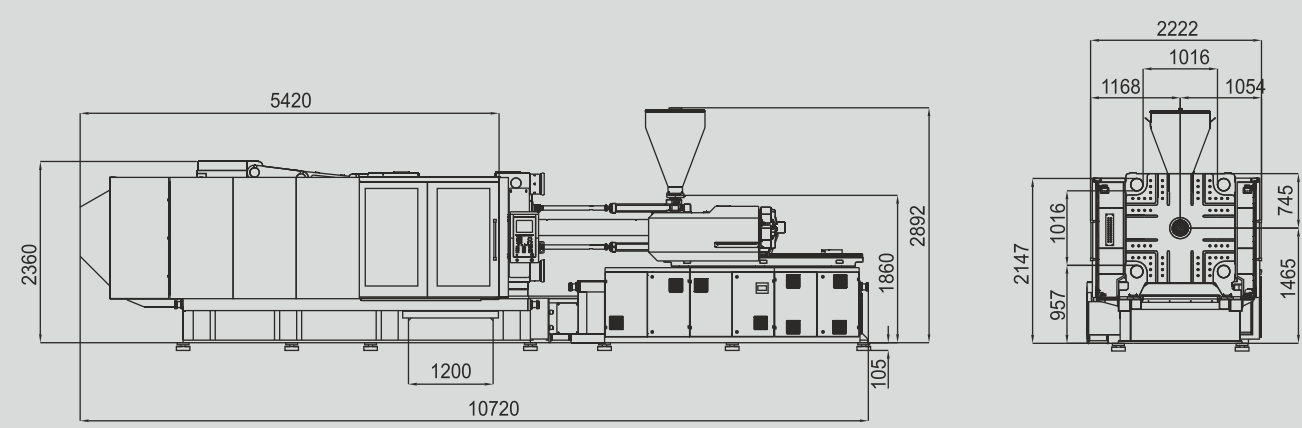
Unit:mm

Clamping Unit		Unit	D700			Platen Dimension	
Clamping force	kN	7000					
Clamping stroke	mm	980					
Tie bar distance	mm	960×960					
Max.mold height	mm	980					
Min.mold height	mm	400					
Ejector stroke	mm	260					
Ejector force	kN	182					
Ejector quantity	Pcs	21					
Minimum mould size	mm	648x648					
Injection unit	Unit	i5800					
		A	B	C			
Screw diameter	mm	85	90	100			
Screw L/D ratio	L/D	23.3	22.0	19.8			
Shot size(Theoretical)	cm³	2684	3009	3715			
Injection weight(PS)	g	2442	2738	3381			
Injection pressure	Mpa	217.0	193.6	156.8			
Injection rate into air(PS)	g/s	469/558	526/625	650/772			
Injection stroke	mm	473					
Injection speed	mm/s	91/108					
Screw rotation spee	rpm	131/156					
Other	Unit	i5800					
Max. pump pressure	Mpa	17.5					
Pump motor power	kW	67/80					
Heat power	kW	44/55					
Hopper capacity	kg	100					
Oil tank capacity	L	1150					
Machine Dimension							



Unit:mm

Parameter

Clamping Unit		Unit	D800			Platen Dimension	
Clamping force	kN		8000				
Clamping stroke	mm		1050				
Tie bar distance	mm		1020×1020				
Max.mold height	mm		1020				
Min.mold height	mm		450				
Ejector stroke	mm		300				
Ejector force	kN		182				
Ejector quantity	Pcs		21				
Minimum mould size	mm		714x714				
Injection unit	Unit	i7500					
		A	B	C			
Screw diameter	mm	90	100	110			
Screw L/D ratio	L/D	24.4	22.0	20.0			
Shot size(Theoretical)	cm³	3276	4045	4894			
Injection weight(PS)	g	2981	3681	4454			
Injection pressure	Mpa	231.1	187.2	154.7			
Injection rate into air(PS)	g/s	513/633	633/781	766/945			
Injection stroke	mm	515					
Injection speed	mm/s	89/109					
Screw rotation spee	rpm	108/133					
Other	Unit	i7500					
Max. pump pressure	Mpa	17.5					
Pump motor power	kW	78/97					
Heat power	kW	56/69					
Hopper capacity	kg	100			Unit:mm		
Oil tank capacity	L	1300					

Machine Dimension

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Scope of supply

Clamping

Description	Ejector controlled	D60-D250	D300-D450	D500-D600	D650-D800
Platen with T slot		●	●	●	●
High rigid toggle system clamping unit		●	●	●	●
Mechanical and Electrical safety		●	●	●	●
Hydraulic motor for mould height adjusting		●	●	●	●
Auto-mold height adjusting function		●	●	●	●
Mould Open, Mould Close and Ejector controlled		●	●	●	●
Automatic central lubrication system		●	●	●	●
Adjustable support for moving platen		●	●	●	-
Self-adjust hydraulic support for moving platen		-	-	-	●
High rigid steel slide tape for moving platen		●	●	●	●
EUROMAP 18 robot machanical interface		●	●	●	●
Hydraulic/electrical unscrew signal		○	○	○	○
Single Air Blast		●	●	●	●
Double Air Blast		○	○	○	○

Injection

Description	i210-600	i850-1900	i2500-5800	i7500
Standard screw	●	●	●	●
Special screw	○	○	○	○
Control for carriage Movement	●	●	●	●
Screw rotating speed display	●	●	●	●
Plasticizing with hydraulic motor	●	●	●	●
Proportional back pressure control	●	●	●	●
Temp-monitoring for material feeding throat	○	○	○	○
Barrel Insulation cover	●	●	●	●
Nozzle cover	●	●	●	●
Self-lock valve for carriage forward	●	●	●	●
Carriage central lubrication device	○	○	●	●
Ceramic heater band	○	○	○	○
Electrical plasticizing	○	○	○	○
Gas-assisted injection interface	○	○	○	○
Hopper dryer/ Auto Loading	○	○	○	○
Stainless hopper	●	●	●	●

Electric

Description	i210-1900	i2500-4800	i5800-7500
LNC / Techmation Controller	●	●	●
KEBA Controller	○	○	○
200 groups mould parameter memory	●	●	●
All action instant monitoring	●	●	●
Production monitoring	●	●	●
Failure alarm display	●	●	●
I/O monitoring display	●	●	●
3 color light (with buzzer)	●	●	●
Motor overload protection	●	●	●
Front/back door emergency stop switch	●	●	●
5 pin socket of 415V/16AMP	●	-	-
5 pin socket of 415V/32AMP	-	●	●
EURO MAP 67 robot interface	○	○	○
Double protection for heating	●	●	●
SSR heating control	●	●	●
Hot runner control system & interface	○	○	○
OV/UV protection	●	●	●
Energy Meter	●	●	●

Hydraulics

Description	D60-D200	D250-D800
Single core puller on moving platen	●	○
Double core puller on moving platen	○	●
Three core puller(2 on moving & 1 on fix plate)	○	○
Four core puller(2 on moving & 2 on fix plate)	○	○
Parallel ejector (with separate pump & Motor)	○	○
Servo Motor	●	●
Gear Pump	●	●
Suction Strainer Inlet of Pump	●	●
By Pass Filter in Pressure line	●	●

Other

Description	D80-D160	D200-D250	D300-D350	D400-D500
Water Battery	6 In + 6 Out	8 In + 8 Out	12 In +12 Out	16 In +16 Out

● Standard ○ Optional

NOTES

This image shows a full page of white paper with horizontal blue dashed lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.



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**Due to continuous improvements, we reserve the right to amend any aspect of the above specifications without further notice.