THINK TECH FORWARD



P SERIES THIN-WALL INJECTION MOLDING MACHINE



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[DISCLAIMER]

[1] YIZUMI reserves the right to modify the product description in the catalogue. Specification might be changed without prior notice.

[2] The picture in the catalogue is for reference only. The real object should be considered as final.

[3] The data in the catalogue is obtained from internal testing in YIZUMI laboratory.

Please refer to the actual machine for the final data. YIZUMI reserves the right of final interpretation upon disputes and ambiguities.





Overview Design of P Series Machine

Robust Toggles

The overall optimized design of toggle strength and rigidity greatly improves the stability of the clamping and effectively extends the service life of the machine.

Unique Large Beveled Crosshead Toggles Design

Large beveled structure can better transfer force from the tail toggle hole to the center of the platen to minimize the platen deformation, ensure the uniformity of force applied on the platens and mold, extend the service life, and make certain the quality of products.

Optimized Control Program

Selecting the high-quality hydraulic components to reduce response time, oil circuit impact, and overall machine noise. Machine will go through a number of tests and optimizing adjustments to meet the high quality requirements.

Single Cylinder Injection Unit

The compact single cylinder injection structure renders features such as small movement inertia, short acceleration time, and high repetitive accuracy of injection. It can be adapted to a variety of injection units according to different product processing requirements.

High-rigid Machine Frame

The Steel I-Beam type machine frame provides sufficient rigidity to ensure a smooth and vibration-free operation at high speed.

High-rigid and Low **Deformation Platens**

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The adoption of reinforced platen design according to the characteristics of thin-wall packaging products. With perfect combination of strength and rigidity, while minimize the platen deformation, it maintains a flexible and smooth movement.

Horizontal Dual-carriage Design

The adoption of horizontal dual-carriage cylinder design effectively eliminates the turning torque of the injection mechanism and ensures a stable and reliable injection.

Optimized Cylinder Sealing Structure

Based on many years of manufacturing experience and the characteristics of oil circuit in high-speed single cylinder devices, the cylinder sealing structure is further optimized to ensure the durability of the injection unit and avoid oil leakage.

Efficient Power Output

Power output is optimized to realize the step distribution of 150-800mm/s injection speed.

Optional Features

Customized Control System



Ejector-on-Fly

Ejetor while mold opening to shorten the production cycle time.



Screw and Barrels Select from a variety of professional screw and barrels according to the characteristics

of different raw materials and production processes to ensure the plasticizing quality.



High-speed Mold Opening /Closing Proportional Valve

Further reduce the reaction time. Double the repetitive accuracy of mold opening ends and increase the operating speed of mold opening/closing by 15%-20%, suitable for the production of various precision thin-walled products.



Infrared Heater Band The infrared heater band reduces the heat loss by 30%-68%.

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F1



Linear Guide Rails Reduce the friction from movable platen to further lower energy consumption, improve operating speed and shorten the production cycle time.



Servo Injection with Accumulator

Increase the injection speed up to 800mm/s and double the repetitive accuracy of injection. It is capable to produce thinner and more sophisticated products while shortening the injection time and improving the production efficiency.

Shut-off Nozzle

Choose the long-lasting precision shut-off nozzle. Effectively avoid nozzle drooling.

Electrical System

- help to achieve more stable product quality.
- processes accordingly.
- with the peripheral equipment barrier-free.



Electric Dozing Motor

Reduce production cycle time through parallel operation. Driven by servo motor, the dozing motor has higher energy conversion efficiency and saves more energy.





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KEBA industrial controller

• Faster processing speed, optimized control rate, and outstanding repetitive accuracy

• Bright, full color 12-inch touch screen input and easy-to-use operation page.

• Multi-stage injection and plasticizing function pages are easy to use and improve

• The production management and production monitoring functions can communicate

• Online quality monitoring function and injection molding industry 4.0.

Thin-wall mold

We can offer customized mold for thin wall injection molding according to customer specific requirements, to better meet diversified demand.









Applications





Food Packaging

Cover a wide range of packaging for various food, beverages, cheese, disposable take-out food containers, plastic cutlery, IML packaging. Provide a variety of equipment and mold options. Offer production line turn-key delivery in collaboration with high-quality solution providers.

Various Types of Bottle Caps

Can make all kinds of bottle caps including beverage bottle seal caps, pull-off caps, folding caps, dustproof caps, etc. With the special kit for bottle cap machine to meet the requirements of precision bottle cap production.

P Series serves at



Disposable Medical Supplies

Injector, pipet tips, petri dish, and other products. Provide clean, efficient, and stable system solutions.

Various Types of Thin-Walled Plastic Products

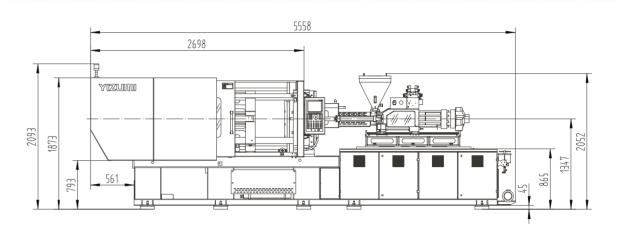
Such as 5L-20L industrial sealed barrels, all types of logistics cable ties, and multi-cavity silicon sealant barrels. For plastic products with high flow length ratio and light gram weight, it can effectively improve the productivity and product quality.

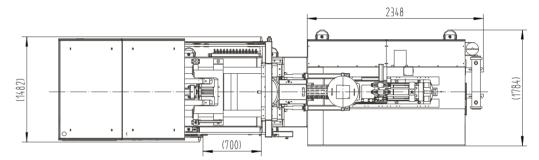
P150 High-speed Injection Molding Machine

DESCRIPTION	UNIT		P1	50			
International specification		440	/1500	640/	1500		
INJECTION UNIT							
Shot volume	cm ³	221	280	334	412		
Shot weight (PS)	g	203	258	307	379		
	OZ	7.2	9.1	10.8	13.4		
Screw diameter	mm	40	45	45	50		
Injection pressure	MPa	199	158	194	158		
Screw L:D ratio			22	2:1			
Max.injection speed $\textcircled{1}$	mm/s	150/23	30/290	120/1	90/235		
Max.injection speed with accumulator	mm/s	5	00	5	00		
Nozzle stroke	mm		40	00			
Screw stroke	mm	1	76	2	210		
Screw speed (stepless)	r/min		0-3	300			
CLAMPING UNIT							
Clamping force	kN		15	00			
Opening stroke	mm		42	20			
Space between bars (WxH)	mmxmm		455	x455			
Max. daylight	mm		8	70			
Mold thickness (MinMax.)	mm		150-	-450			
Hydraulic ejection stroke	mm		14	40			
Ejector number			!	5			
Hydraulic ejection force	kN		7	7			
POWER UNIT							
Hydraulic system pressure	Мра		17	7.5			
Pump motor	kW		23/45	5.2/55			
Pump motor with accumulator	kW	45.	2+11	45.	2+22		
electric screw drive	kW		16	.4			
Heating capacity	kW	1	11	11	16.5		
Number of temp control zones				5			
GENERAL UNIT							
Dry cycle time	S	1.8					
Oil tank capacity	I	370					
Machine dimensions(LxWxH)	mxmxm			.8x2.1			
Machine weight	Ton			.8			
	1011		1				

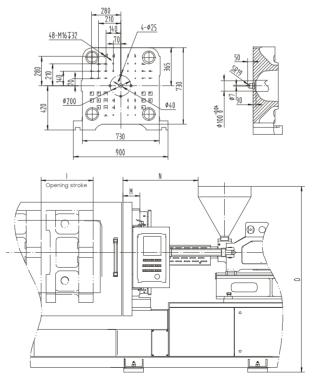
① : Servo/Standard Servo/Amplified Servo

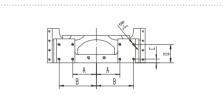
P150 Layout Drawings



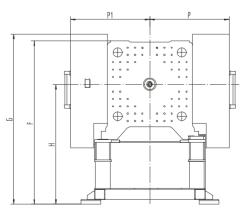


P150 Platen Dimension Drawings





Model	A	В	(D	E				
	210	320	35	175	M16∓32				
	F	G	Η		0				
P150	1717	1817	1347	420	2055				
	М	Ν	P1	Р					
	210	785	690	642					
Injection unit: 440 feeding tube: Φ40									

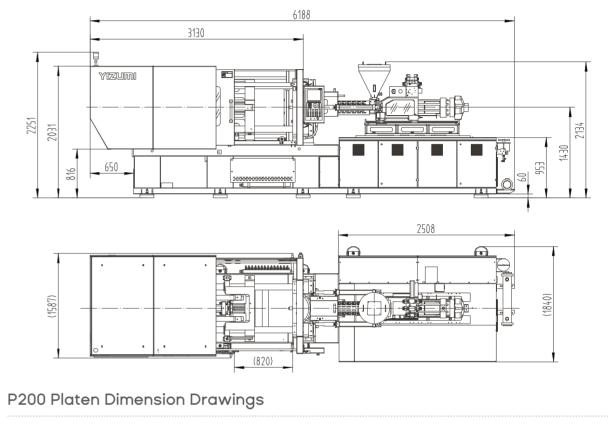


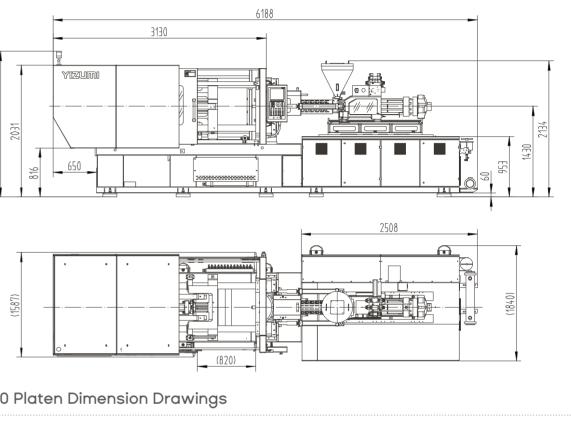
P200 High-speed Injection Molding Machine

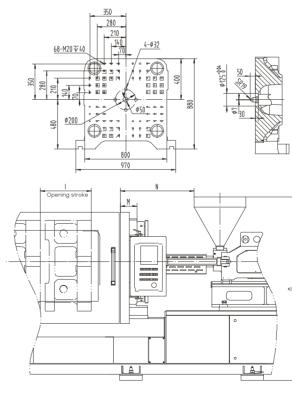
DESCRIPTION	UNIT		P2	00			
International specification		440	/2000	640/	2000		
INJECTION UNIT							
Shot volume	cm ³	221	280	334	412		
Shot weight (PS)	g	203	258	307	379		
Shot weight (F3)	OZ	7.2	9.1	10.8	13.4		
Screw diameter	mm	40	45	45	50		
Injection pressure	MPa	199	158	194	158		
Screw L:D ratio			22	2:1			
Max.injection speed $\textcircled{1}$	mm/s	185/23	30/290	150/1	90/235		
Max.injection speed with accumulator	mm/s	5	00	5	500		
Nozzle stroke	mm		40	00			
Screw stroke	mm	1	76	2	210		
Screw speed (stepless)	r/min	0-300					
CLAMPING UNIT							
Clamping force	kN		20	00			
Opening stroke	mm		50	00			
Space between bars (WxH)	mmxmm		520	x520			
Max. daylight	mm		10	50			
Mold thickness (MinMax.)	mm		200	-550			
Hydraulic ejection stroke	mm		15	50			
Ejector number			ļ	5			
Hydraulic ejection force	kN		7	7			
POWER UNIT							
Hydraulic system pressure	Мра		17	7.5			
Pump motor	kW		33.9/4	5.2/55			
Pump motor with accumulator	kW	45.2	2+11	45.	2+22		
electric screw drive	kW		16	.4			
Heating capacity	kW	1	1	11	16.5		
Number of temp control zones			1	5			
GENERAL UNIT							
Dry cycle time	S			2			
Oil tank capacity		460					
Machine dimensions(LxWxH)	mxmxm			5x2.25			
Machine weight	Ton			.3			
	1011		4	.0			

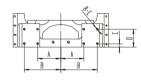
① : Servo/Standard Servo/Amplified Servo

P200 Layout Drawings

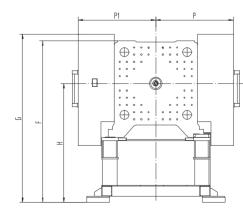








Model	A	В	C	D	E				
	225	355	35	175	M20∓40				
	F	G	Н		0				
P200	1845	2030	1430	500	2134				
	М	N	P1	P					
	230	785	750	687					
Injection unit: 840 feeding tube: Φ50									

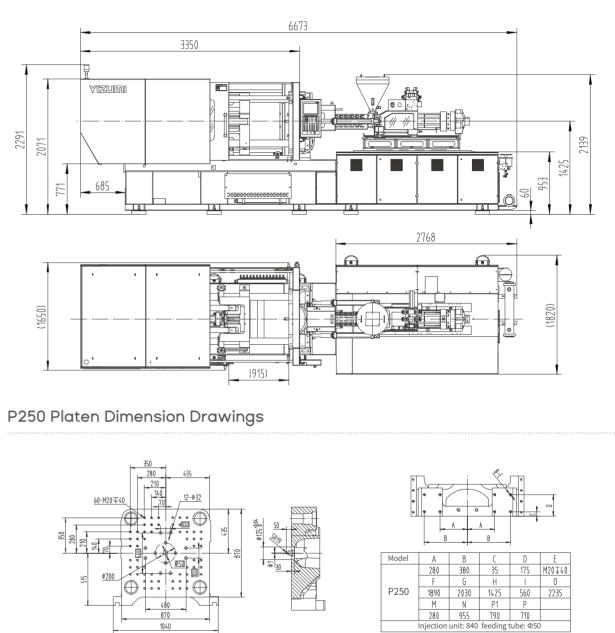


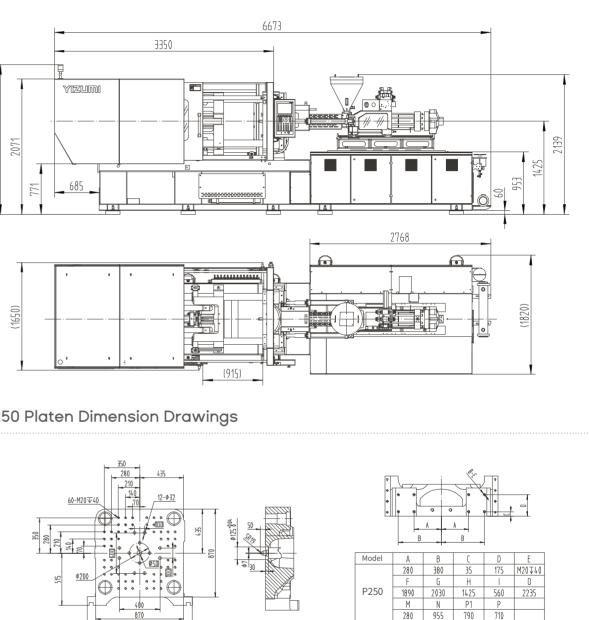
P250 High-speed Injection Molding Machine

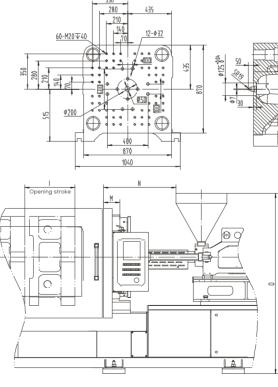
DESCRIPTION	UNIT			P2	50			
International specification		440/	2500	640/2	2500	8	40/250	0
INJECTION UNIT								
Shot volume	cm ³	221	280	334	412	442	535	636
Shot weight (PS)	g	203	258	307	379	406	492	585
	OZ	7.2	9.1	10.8	13.4	14.3	17.3	20.6
Screw diameter	mm	40	45	45	50	50	55	60
Injection pressure	MPa	199	158	194	158	191	158	132
Screw L:D ratio				22	2:1			
Max.injection speed $\textcircled{1}$	mm/s	185/	290	150/	/235		125/195	5
Max.injection speed with accumulator	mm/s	50	00	50	00		500	
Nozzle stroke	mm		4(00			450	
Screw stroke	mm	17	6	2	10		225	
Screw speed (stepless)	r/min			0-3	300			
CLAMPING UNIT								
Clamping force	kN			25	00			
Opening stroke	mm			50	50			
Space between bars (WxH)	mmxmm			580>	<580			
Max. daylight	mm			110	60			
Mold thickness (MinMax.)	mm			220-	-600			
Hydraulic ejection stroke	mm			18	30			
Ejector number				1	3			
Hydraulic ejection force	kN			13	37			
POWER UNIT								
Hydraulic system pressure	Мра			17	.5			
Pump motor	kW			33.9	9/55			
Pump motor with accumulator	kW	45.2	2+11	45.2	+22		45.2+22	2
electric screw drive	kW		16	.4			20	
Heating capacity	kW	1	1	11	16.5	16.5	22	24.8
Number of temp control zones				Ę	5			
GENERAL UNIT								
Dry cycle time	S			2	.2			
Oil tank capacity	I				30			
Machine dimensions(LxWxH)	mxmxm				32x2.3			
Machine weight	Ton				1.5			
Machine weight	1011			10				

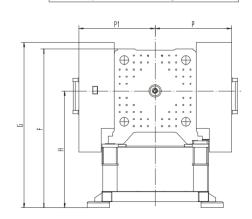
① : Servo/Standard Servo

P250 Layout Drawings







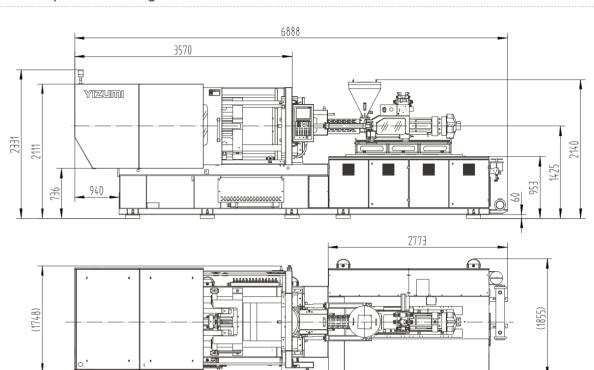


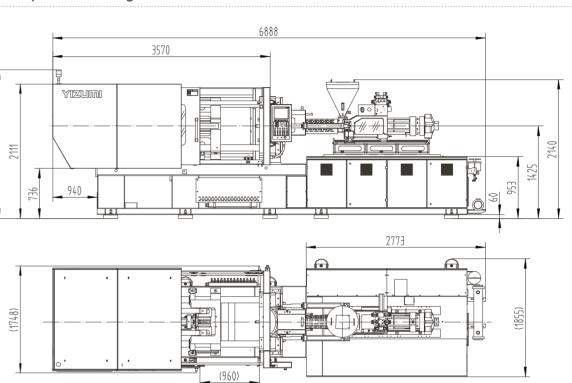
P300 High-speed Injection Molding Machine

DESCRIPTION	UNIT	P300								
International specification		٤	340/300	00	1080/3000			14	480/30	00
INJECTION UNIT										
Shot volume	cm ³	442	535	636	491	594	707	763	896	1039
Shot weight (PS)	g	406	492	585	452	546	650	702	824	956
-	OZ	14.3	17.3	20.6	15.9	19.3	22.9	24.8	29.1	33.7
Screw diameter	mm	50	55	60	50	55	60	60	65	70
Injection pressure	MPa	191	158	132	227	187	158	194	166	143
Screw L:D ratio						22:1				
Max.injection speed $\textcircled{1}$	mm/s	19	5/280/3	350	16	5/235/2	295	13	0/190/2	240
Max.injection speed with accumulator	mm/s		500			500			500	
Nozzle stroke	mm					450				
Screw stroke	mm		225			250			270	
Screw speed (stepless)	r/min					0-300				
CLAMPING UNIT										
Clamping force	kN					3000				
Opening stroke	mm					610				
Space between bars (WxH)	mmxmm				(635x63	5			
Max. daylight	mm					1260				
Mold thickness (MinMax.)	mm				:	250-650	D			
Hydraulic ejection stroke	mm					180				
Ejector number						13				
Hydraulic ejection force	kN					137				
POWER UNIT										
Hydraulic system pressure	Мра					17.5				
Pump motor	kW				55/45.2	2+33.9/	55+45.2)		
Pump motor with accumulator	kW		55+22				55-	+22		
electric screw drive	kW		20			29			29	
Heating capacity	kW	16.5	22	24.8	16.5	22	24.8	22.6	24	27
Number of temp control zones						5				
GENERAL UNIT										
Dry cycle time	S					2.3				
Oil tank capacity	1	600								
Machine dimensions(LxWxH)	mxmxm	6.9x1.86x2.35								
Machine weight	Ton				0.7	12.5				
ndenine weight	r UT					12.0				

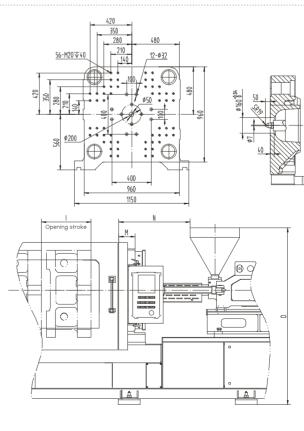
① : Servo/Standard Servo/Amplified Servo

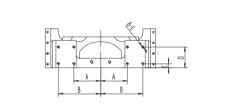
P300 Layout Drawings



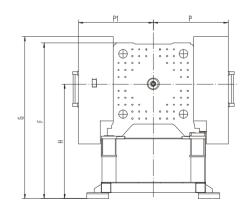


P300 Platen Dimension Drawings





Model	Α	В	(D	E				
	300	420	35	175	M20∓40				
	F	G	Η		0				
P300	1925	2075	1425	610	2140				
	М	N	P1	Р					
	300	960	835	718					
Injection unit: 840 feeding tube: Φ50									

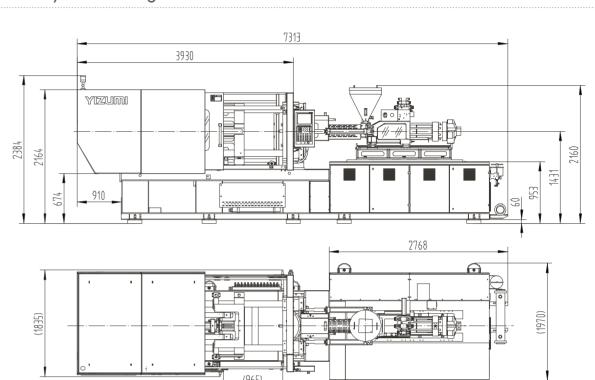


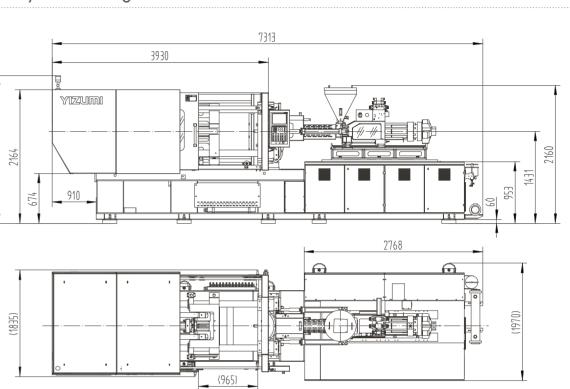
P350 High-speed Injection Molding Machine

DESCRIPTION	UNIT	P350								
International specification		10)80/350	00	14	180/350	00	2	180/350	00
INJECTION UNIT										
Shot volume	cm ³	491	594	707	763	896	1039	891	1212	1583
Shot weight (PS)	g	452	546	650	702	824	956	819	1115	1457
-	OZ	15.9	19.3	22.9	24.8	29.1	33.7	28.9	39.3	51.4
Screw diameter	mm	50	55	60	60	65	70	60	70	80
Injection pressure	MPa	227	187	158	194	166	143	246	181	138
Screw L:D ratio						22:1				
Max.injection speed $\textcircled{1}$	mm/s	16	0/270/3	325	13	0/220/2	265	10	5/170/2	210
Max.injection speed with accumulator	mm/s		500			500			500	
Nozzle stroke	mm					450				
Screw stroke	mm		250			270			315	
Screw speed (stepless)	r/min			0-3	800				0-250	
CLAMPING UNIT										
Clamping force	kN					3500				
Opening stroke	mm					700				
Space between bars (WxH)	mmxmm				-	730x73	0			
Max. daylight	mm					1450				
Mold thickness (MinMax.)	mm					300-750	0			
Hydraulic ejection stroke	mm					200				
Ejector number						13				
Hydraulic ejection force	kN					137				
POWER UNIT										
Hydraulic system pressure	Мра					17.5				
Pump motor	kW				55/55	5+33.9/	55+55			
Pump motor with accumulator	kW			55-	+22				55+30	
electric screw drive	kW		29			29			42	
Heating capacity	kW	16.5	22	24.8	22.6	24	27	30	32	35
Number of temp control zones						5				
GENERAL UNIT										
Dry cycle time	S					2.6				
Oil tank capacity	I	700								
Machine dimensions(LxWxH)	mxmxm	7.35×1.97×2.4								
Machine weight	Ton					15				
	1011					10				

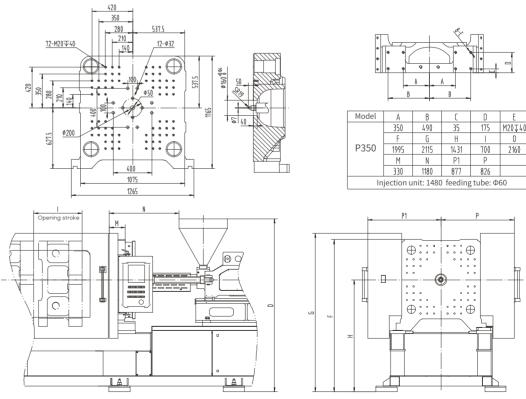
① : Servo/Standard Servo/Amplified Servo

P350 Layout Drawings





P350 Platen Dimension Drawings



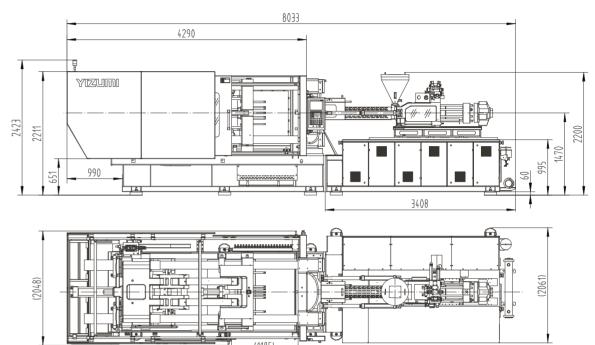


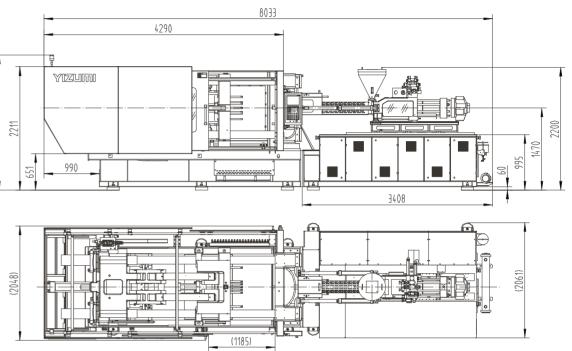
$P450 \hspace{0.1 cm} \text{High-speed Injection Molding Machine}$

DESCRIPTION	UNIT				ł	P45()			
International specification		10	1080/4500 1480/4500					2	180/450	00
INJECTION UNIT										
Shot volume	cm ³	491	594	707	763	896	1039	891	1212	1583
Shot weight (PS)	g	452	546	650	702	824	956	819	1115	1457
-	OZ	15.9	19.3	22.9	24.8	29.1	33.7	28.9	39.3	51.4
Screw diameter	mm	50	55	60	60	65	70	60	70	80
Injection pressure	MPa	227	187	158	194	166	143	246	181	138
Screw L:D ratio						22:1				
Max.injection speed $\textcircled{1}$	mm/s	16	0/330/3	370	130	0/265/3	300	10	5/210/2	240
Max.injection speed with accumulator	mm/s		500			500			500	
Nozzle stroke	mm					450				
Screw stroke	mm		250			270			315	
Screw speed (stepless)	r/min	0-300 0-250								
CLAMPING UNIT										
Clamping force	kN					4500				
Opening stroke	mm					780				
Space between bars (WxH)	mmxmm				8	820x82	0			
Max. daylight	mm					1580				
Mold thickness (MinMax.)	mm					300-80	0			
Hydraulic ejection stroke	mm					220				
Ejector number						13				
Hydraulic ejection force	kN					137				
POWER UNIT										
Hydraulic system pressure	Мра					17.5				
Pump motor	kW				55/5	5+55/5	5+63			
Pump motor with accumulator	kW			55-	+22				55+30	
electric screw drive	kW		29			29			42	
Heating capacity	kW	16.5	22	24.8	22.6	24	27	30	32	35
Number of temp control zones	- -					5				
GENERAL UNIT										
Dry cycle time	S					3.5				
Oil tank capacity		750								
Machine dimensions(LxWxH)	mxmxm	8.1x2.1x2.45								
Machine weight	Ton				0.	22				
Hadine weight	1011					22				

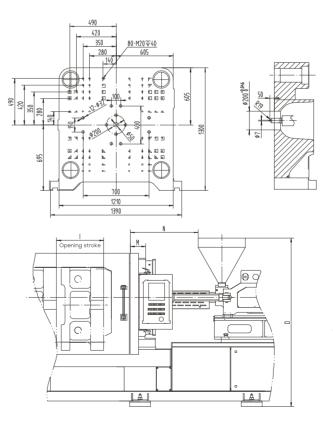
① : Servo/Standard Servo/Amplified Servo

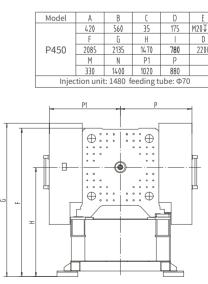
P450 Layout Drawings





P450 Platen Dimension Drawings

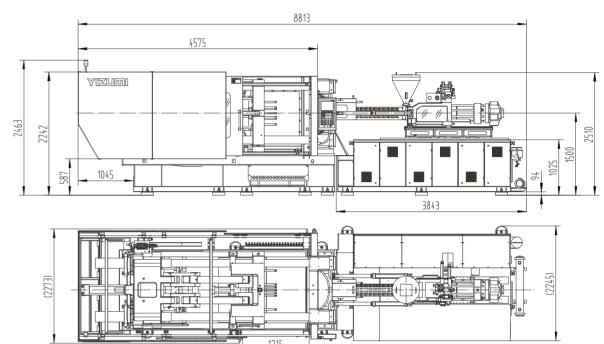


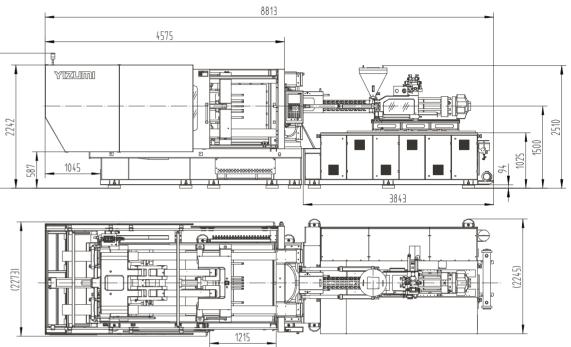


$P550 \hspace{0.1 cm} \textit{High-speed Injection Molding Machine}$

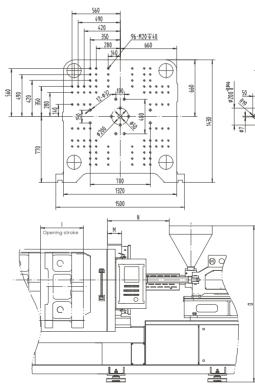
DESCRIPTION	UNIT				ŀ	Þ550)				
International specification		14	180/550	00	2180/5500			3	300/55	00	
INJECTION UNIT											
Shot volume	cm ³	763	896	1039	891	1212	1583	1366	1784	2258	
Shot weight (PS)	g	702	824	956	819	1115	1457	1257	1642	2078	
	OZ	24.8	29.1	33.7	28.9	39.3	51.4	44.3	57.9	73.3	
Screw diameter	mm	60	65	70	60	70	80	70	80	90	
Injection pressure	MPa	194	166	143	246	181	138	241	185	146	
Screw L:D ratio						22:1					
Max.injection speed $\textcircled{1}$	mm/s		170/340	C		130/270)		100/200)	
Max.injection speed with accumulate	or mm/s		500			500			500		
Nozzle stroke	mm					450					
Screw stroke	mm		270			315			355		
Screw speed (stepless)	r/min		0-300			0-250			0-220		
CLAMPING UNIT											
Clamping force	kN					5500					
Opening stroke	mm					850					
Space between bars (WxH)	mmxmm				(920x920	C				
Max. daylight	mm					1700					
Mold thickness (MinMax.)	mm				;	350-850	C				
Hydraulic ejection stroke	mm					220					
Ejector number						13					
Hydraulic ejection force	kN					137					
POWER UNIT											
Hydraulic system pressure	Мра					17.5					
Pump motor	kW				6	3/63+6	3				
Pump motor with accumulator	kW		63+22			63+30			63+30		
electric screw drive	kW		29			42			60		
Heating capacity	kW	22.6	24	27	30	32	35	30	32	35	
Number of temp control zones						5					
GENERAL UNIT											
Dry cycle time	S					4					
Oil tank capacity	I					900					
Machine dimensions(LxWxH)	mxmxm	8.9x2.25x2.46									
Machine weight	Ton				0.7	25.5					
	1011					20.0					

P550 Layout Drawings

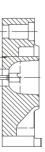




P550 Platen Dimension Drawings

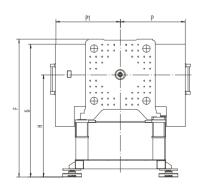


① : Servo/Standard Servo





Model	A	В	[D	E					
	420	560	35	175	M20∓40					
	F	G	Η		0					
P550	2190	2135	1500	850	2510					
	М	N	P1	Р						
	380	1975	1163	960						
Injection unit: 3300 feeding tube: Φ90										



Standard and Optional Features

Injection Unit	Standard	Optional
Nitrided alloy-steel screw and barrel		
Nozzle PID temperature control		
Balanced double-carriage cylinder	•	
Automatic material cleaning function	•	
Selectable suck-back before or after plasticizing	•	
Multi-stage barrel PID temperature control	•	
Purge guard (with safety switch)	•	
Precise transducer for injection / plasticizing stroke control	•	
Multi-stage injection speed / pressure /position control	•	
Multi-stage holding pressure speed / pressure / time control	•	
Multi-stage plasticizing speed / pressure / position control	•	
Extended nozzle		\bigcirc
Hard chrome plated screw component		0
Bi-metallic screw & barrel		\bigcirc
Special screw set		0
Proportional back pressure control		\bigcirc
Blowing device of barrel		\bigcirc
Pneumatic/Hydraulic shut-off nozzle		\bigcirc
Increased injection stroke		\bigcirc
Hydraulic System	Standard	Optional
Hydraulic System High-performance servo pump system	Standard •	Optional
	Standard •	Optional
High-performance servo pump system	Standard • •	Optional
High-performance servo pump system Back pressure adjustment device of plasticizing	Standard	Optional
High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter	Standard	Optional
High-performance servo pump systemBack pressure adjustment device of plasticizingHigh-precision by-pass oil filterAutomatic system pressure and flow adjustment	Standard	Optional
High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve	Standard	Optional
High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal	Standard	Optional
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system 	Standard	Optional
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device 	Standard	Optional
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device 	Standard	Optional
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system 	Standard	
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo injection system 	Standard	0 0 0
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo mold opening and closing system 	Standard	
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo mold opening and closing system Ejection during mold opening 	Standard	
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo injection system High-response servo mold opening and closing system Ejection during mold opening Larger oil cooler 	Standard	
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo mold opening and closing system Ejection during mold opening Larger oil pump and motor 	Standard	
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo mold opening and closing system Ejection during mold opening Larger oil cooler Larger oil pump and motor Accumulator injection 	Standard	
 High-performance servo pump system Back pressure adjustment device of plasticizing High-precision by-pass oil filter Automatic system pressure and flow adjustment Imported hydraulic valve Imported hydraulic seal System pressure sensor Oil temperature detection and alarm Low-noise hydraulic system Hydraulic cooling device Hydraulic core pulling/ unscrewing device Independent oil temperature control system High-response servo mold opening and closing system Ejection during mold opening Larger oil pump and motor 	Standard	

С	lamping Unit
Pr	ecise transducer for clamping / ejector stroke control
CI	amping platens / toggles made of highly-rigid ductile in
Τv	wo-stage ejector forward or back control
Lc	ow-pressure mold protection
	ultiple ejector function settings
	/draulic gear-type mold height adjustment device
Нγ	/draulic/electrical safety devices
W	ear-resistant supporting tracks for movable platen
Αι	utomatic centralized lubrication system
Bo	post mold closing function
Ind	creased mold thickness
Ind	creased ejector stroke
Me	echanical position limit device of mold-open
	eat insulating plate for mold
Sp	pecial mold mounting hole
Mo	ovable platen with linear guide rail
El	ectrical Control System
Inp	put/output inspection
Au	utomatic heat retaining and automatic heating setting
Tir	me / position / pressure controlled switchover from inje
Ind	dependent adjustment of slope
Ro	bot interface
Mo	olding data locking function
Αι	utomatic clamping force adjustment
LC	CD display screen
Lc	arge memory for process parameters storage
Mu	ultiple operating languages
5 :	sets (8 sets) of independent air blowing with valve
W	orking light/ single or multi color alarm light
Sir	ngle-phase / three-phase power socket
Ai	r blow device
Int	terface for electric unscrewing device
Sp	pecial power supply voltage
Ele	ectrial unscrewing unit
	ot runner interface
Mo	achine overall energy consumption display
	ectrial dozing motor
Inf	frared / ceramic heater band
Ple	asticizing during mold opening
0	ther
0	peration manual

- Adjustable leveling pad
- A tool kit
- Filter element
- Standard hopper
- Mold temperature controller
- Auto loader
- Dehumidifier
- Glass-tube water flowmeter
- Dryer

	Standard	Optional
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	Standard	Optional
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	Standard	Optional
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