SKII Series General-Purpose Injection Molding Machine

(90T-750T)

The Best Buy

Guangdong Yizumi Precision Injection Molding and Die Casting Technology Co., Ltd.

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3.533 billion

The total sales volume of YIZUMI in 2021 exceeded CNY 3.533 billion, up 29.97% year on year, maintaining a steady growth for five consecutive years

70+

Owns over 40 global sales and service representatives, business covers over 70

$600000 \,\mathrm{m}^2$

600000 m² of total worldwide manufacturing floor space

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3000+

Over 3,000 employees

810 million

The export sales of YIZUMI totaled CNY 810 million in 2021

YIZUMI is committed to be a technologically leading supplier of the best cost-effective solution.

Founded in Guangdong, China in 2002, Guangdong Yizumi Precision Machinery Co., Ltd. is a ChiNext-listed company focusing on the fields of polymer molding and metal forming. The company involves in design, R&D, manufacture, sale and service of injection molding machines, die casting machines, rubber injection machines, high-speed packaging systems and automated robotic systems.

Yizumi mainly produces injection molding machine, die casting machine, high speed packaging machine, mold and robot. Also, Yizumi owns many technical services centres and over 40 global distributors, business covers over 70 countries and regions. It has established production bases at home and abroad covering an area of nearly 600,000 square metres, and has over 3,000 employees globally.

In China, Yizumi successively set up three major manufacturing bases in Gaoli, Wusha and Suzhou to comprehensively upgrade its productive capacity. In 2017, Yizumi built manufacturing bases in India and the United States. In addition, Yizumi has established technology service centers, R&D centers and a sales network, implementing the globalized operations strategy.

SKII Series General-Purpose Injection Molding Machine

SKII series not only remains efficient and energy-saving as always, but also makes remarkable progress in stability and customer experience. Continuous optimization endows SKII series with interchangeability of the SK/A5 series platform.

SKII series is positioned as the best buy among small and medium-sized injection molding machines and committed to enhancing the user experience.

Three Core Customer Value Propositions

Stability

The servo system is stable and reliable and the components quality is optimized. The stability of the whole machine provides customers with newer and better experience in product repeatability, position repeatability and other aspects.

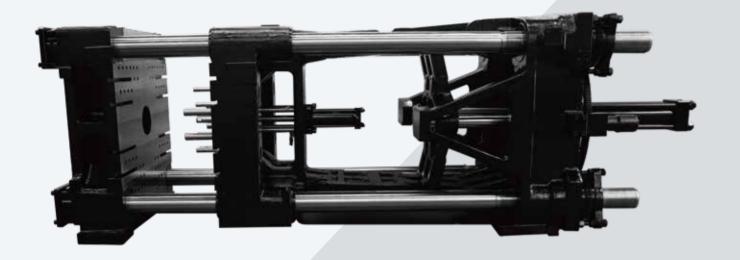
High efficiency

SKII series is characterized by fast plasticization, short dry cycle and high operating efficiency. T-slots are standard on SKII series so that mold change is easier and quicker.

• Comprehensive upgrade of customer experience

Apart from ensuring high stability and efficiency, which are the core value, Yizumi focuses more on enhancing the user experience that covers industrial design, human-machine communication, environmental protection and other details.





Clamping Unit

Reliable, stable, durable

SKII series is based on high-rigidity clamping unit design and comprehensive optimization of parameters and force distribution, ensuring the machine is robust, stable and reliable.

1 Platen center clamping

Both the fixed platen and movable platen are designed with clamping force focused on the center, which minimizes the platen deformation. Uniform pressure distribution to the center of mold during high-pressure mold closing can suppress defects like flash and short shot due to the platen deformation, reduce clamping force and extend the life of mold.

2 Combination of T slots and bolt holes

The platen has both T slots and bolt holes in horizontal direction, but only bolt holes in vertical direction. Such layout makes the setup and removal of mold easier and increases the overall rigidity of platen.

3 Optimized ejection mechanism

The ejector stroke is increased and the forced ejector return interface is a standard feature, which meets the needs of different customers.

4 Enhanced load relief groove design

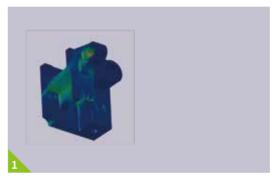
The optimization of load relief groove makes the force applied to the rod threads more uniform, ensures long service life of the tie rod.

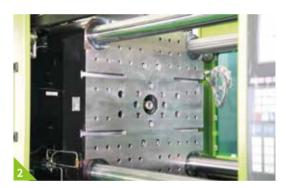
5 Adjustment-free mechanical safety lock

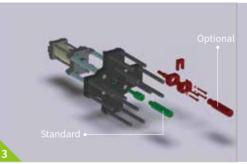
The adjustment-free safety lock is located at the tail platen for automatic mechanical protection.

6 User-friendly

EUROMAP 18 based robot locating hole is a standard feature that makes setup more convenient and quicker.

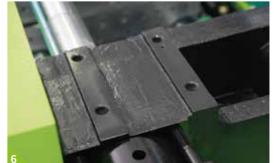


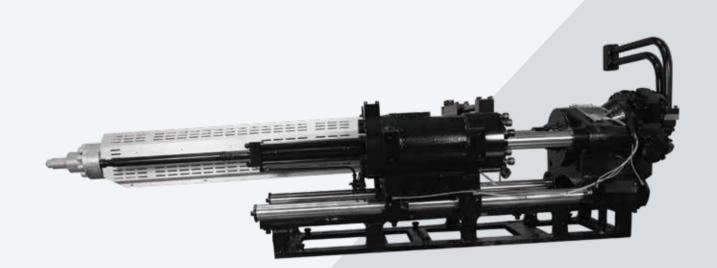










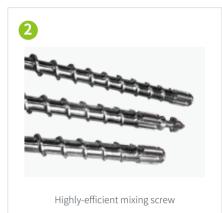


Injection Unit

Stable, efficient, high accuracy

Based on optimized injection mechanism design, the injection unit of SKII series has higher rigidity. The design of barrel assembly is enhanced to reduce the frictional resistance during the injection process, increase the injection accuracy and ensure the stability of injection.













Movable hopper guide rails(standard feature for 90T-320T)

Centralized lubrication module

Purge guard and barrel cover

1 Optimized injection unit

 $UN260SKII-480SKII\ machines\ adopt\ integrated\ injection\ carriage\ frame\ design.\ The\ optimized\ design\ of\ injection\ mechanism\ increases$ the rigidity, ensures the coaxiality of forces on motion and injection, reduces resistance and improves the stability and accuracy of injection.

② Optimized screw design

The plasticizing efficiency and quality are enhanced to meet customer needs for fast plasticization, good color mixing and easy cleaning.

3 User-friendly design

Standard features, including movable hopper guide rails, barrel cover, purge guard and centralized lubrication add to the convenience of the conoperation and maintenance and raises the overall efficiency for customers.

Hydraulic System

Yizumi third-generation energy-saving servo technology: efficient combination of technology and configuration makes the best servo machine

The third-generation energy-saving servo system has low moment of inertia and consumes less energy. The whole hydraulic circuit is subject to optimizations, including the reduction of resistance to motion and pressure loss, to ensure less energy consumption of the machine.







+



Professional servo motor

High-performance gear pump

INOVANCE servo drive

1) Strong power

The power system is well configured with strong overloadcapacity. For example, a 120T machine can raise no overloadalarm at maximum speed and pressure for 5 minutes in a test.



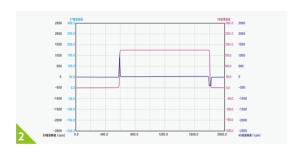
3 Optimized oil cooler design

UN90-320SKII machines are equipped with built-in diaphragm type oil cooler and they have good look, compact structure and higher cooling efficiency.



2 Fast response

The response speed becomes faster. Take a 120T machine for example, the servo system can respond in about 40ms.



4 Improved hydraulic line layout

The steel pipes are well arranged and the hydraulic hoses are organized in the machine frame so that the machine looks neat and simple.



Electrical Control System

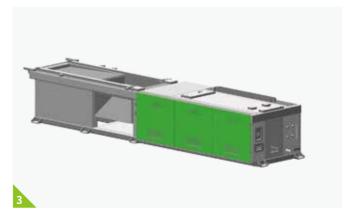
MH9118 controller: fast speed, accurate control, easy operation, program for multiple processes, powerful

- MH9118 controller which runs fast and clock rate up to 140MHZ
- 8"TFT 256-color LCD with independent CPU control
- Machine control frequency of 140MHZ, scanning time of 1ms, fast response and accurate control
- 100 sets of molding data storage with USB port
- Production quality control with main process parameter statistics
- Automatic tuning of PID settings for barrel temperature control





② The universal and standardized design of various electrical interfaces meets diversified customer needs.



③ Integrated high-rigidity machine frame

The electrical enclosure and machine frame are designed as a whole to increase rigidity and save space.

Various optional interfaces (for 200T and smaller machines)

Injection units can be equipped with linear guide rails and smaller injection units are available to meet individual customer needs.

UN90~200SKII Specifications

DESCRIPTION	UNIT	U	N90SK	II	UI	V120SK	II	1U	V160SK	II	UN200SK II		
International size			295/900)	4	420/1200)	(604/1600)	:	395/2000)
					INJE	CTION	UNIT						
Shot volume	cm³	116.6	158.7	207.3	163.6	246.9	307.6	297.7	371.0	452.3	425.2	518.5	664.4
SI (DS)	g	107.3	146.0	190.8	150.5	227.1	283.0	273.9	341.3	416.1	391.2	477.0	611.3
Shot weight (PS)	OZ	3.8	5.2	6.7	5.3	8.0	10.0	9.7	12.0	14.7	13.8	16.8	21.6
Screw diameter	mm	30	35	40	35	43	48	43	48	53	48	53	60
Injection pressure	MPa	252.8	185.6	142.2	256.9	170	136.7	203	162.9	133.6	210.7	172.8	134.8
Injection rate	g/s	69.6	94.7	123.7	83.2	125.6	156.5	105.5	131.5	160.3	129.8	158.3	202.9
Screw L:D ratio		24:1	20:1	20:1	24:1	20:1	20:1	22.3:1	20:1	20:1	22:1	20:1	20:1
Max. injection speed	mm/s	107 94 81					79						
Screw stroke	mm	165			170			205			235		
Screw speed	r/min	0-198 0-208				0-188			0-170				
CLAMPING UNIT													
Clamping force	kN	900				1200			1600			2000	
Opening stroke	mm	320			360				410			460	
Space between tie bars (W×H)	mm×mm	360×360			4	10×370			455×435	i		510×510	
Max. daylight	mm		670		760			870				980	
Mold thickness (minmax.)	mm		130-350		145-400			160-460			180-520		
Ejector stroke	mm		100		120		140			150			
Number of ejector pin holes			5		5		5			5			
Ejector force	kN		28		42			42			49		
					РО	WER U	NIT						
Max. system pressure	MPa		17.5			17.5			17.5			17.5	
Oil pump motor	kW		11			16			16			19.6	
Heating capacity	kW		6.9/7.8			9/10.1			10.9/12.1			14.4/16.8	
Number of temperature control zones			4			4			4			5	
					G	ENERA	ıL						
Dry cycle time	S		1.9			1.9			2.4		3.1		
Oil tank capacity	L		135		165			180			220		
Machine dimensions (LxWxH)	m×m×m	4.55	×1.15×	1.56	4.59×1.23×1.62			5.25×1.25×1.73			5.68×1.32×1.82		
Machine weight	kg		2860			3240			4190		5290		

^{*}The Data above were acquired by testing in the factory, only for your reference.

UN260~480SKII Specifications

DESCRIPTION	UNIT	UI	N260SK	II	UI	UN320SK II			UN400SK II			UN480SK II		
International size		1	269/260	0	1	.885/320	0	2	693/400	0	3	330/480	0	
					INJE	CTION	UNIT							
Shot volume	cm³	584.6	749.3	962.4	834.1	1071.3	1338.3	1198.5	1497.0	1828.8	1678.5	2050.5	2459.6	
	g	537.9	689.3	885.4	767.4	985.6	1231.2	1102.6	1377.3	1682.5	1544.2	1886.4	2262.8	
Shot weight (PS)	OZ	19.0	24.3	31.2	27.1	34.8	43.4	38.9	48.6	59.3	54.5	66.5	79.8	
Screw diameter	mm	53	60	68	60	68	76	68	76	84	76	84	92	
Injection pressure	MPa	217.1	169.4	131.8	226.2	176.1	141	224.8	179.9	147.3	198.6	162.5	135.5	
Injection rate	g/s	160.3	205.5	263.9	189.9	243.9	304.7	297.3	371.4	453.8	379.8	464.0	556.5	
Screw L:D ratio		22.6:1	20:1	20:1	22.6:1	20:1	20:1	22.3:1	20:1	20:1	22.1:1	20:1	20:1	
Max. injection speed	mm/s	80			73			89			91			
Screw stroke	mm		265			295			330			370		
Screw speed	r/min	0-161			0-160			0-156			0-140			
CLAMPING UNIT														
Clamping force	kN	2600			3200				4000			4800		
Opening stroke	mm	530				580			660			760		
Space between tie bars (W×H)	mm×mm	570×570		(670×670)	-	710×710	0	8	810×810)		
Max. daylight	mm		1140		1240		1390				1570			
Mold thickness (minmax.)	mm		195-610		220-660		240-730		260-810					
Ejector stroke	mm		160		170		210		220					
Number of ejector pin holes			13		13		13		17					
Ejector force	kN		77		77			110			110			
					PO	WER U	NIT							
Max. system pressure	MPa		17.5			17.5			17.5			17.5		
Oil pump motor	kW		24			34.7			59.6			60.5		
Heating capacity	kW		16.6/19		2	22.2/24.6	õ	2	26.4/30.9	9		33.1/36.2	2	
Number of temperature control zones			5			5			6			6		
					G	ENERA	.L							
Dry cycle time	S		3.1			3.8			4.0		4.2			
Oil tank capacity	L		300			360		540			660			
Machine dimensions (LxWxH)	$m \times m \times m$	6.24	×1.59×	1.96	6.84	×1.73×	2.03	7.78×2.12×2.03			8.55×2.20×2.10			
Machine weight	kg		7400			9340			13600		16820			

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The specific data please accord to the actual equipment.

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UN630~750SKII Specifications

DESCRIPTION	UNIT		UN63	30SKII		UN750SK II					
International size			42	200			56	660			
				INJECTI	ON UNIT						
Shot volume	cm³	2211.7	2438.4	2924.9	3455.7	2604.6	3124.4	3691.4	4305.6		
Shot weight (PS)	g	2034.7	2243.3	2691.0	3179.3	2396.3	2874.4	3396.1	3961.2		
Screw diameter	mm	80	84	92	100	84	92	100	108		
Injection pressure	MPa	190	173	144	122	218	181	154	132		
Injection rate	g/s	425	469	563	665	469	563	665	775		
Screw L:D ratio		23.2:1	22:1	21.7:1	20:1	21.9:1	22:1	21.6:1	20:1		
Max. injection speed	mm/s		9	2			9	2			
Screw stroke	mm		44	40			4	70			
Screw speed	r/min		0-1	133			0-1	143			
				CLAMPI	NG UNIT						
Clamping force	kN		63	00			75	500			
Opening stroke	mm		90	00			98	80			
Space between tie bars (W×H)	mm×mm		880	x880			980	x960			
Max. daylight	mm		18	00			19	160			
Mold thickness (minmax.)	mm		400	-900		400-980					
Ejector stroke	mm		28	30		280					
Number of ejector pin holes			2	1		21					
Ejector force	kN		18	32		182					
				POWE	R UNIT						
Max. system pressure	MPa		17	7.5			17	7.5			
Oil pump motor	kW		68	3.5		75.1+0.5					
Heating capacity	kW		34,	/38			41.2	2/45			
Number of temperature control zones				7				7			
				GEN	ERAL						
Dry cycle time	S		4	.9			5	.3			
Oil tank capacity	L		7.	10		720					
Machine dimensions (LxWxH)	$m \times m \times m$		9.06 x 2.	15 x 2.26		9.66 x 2.34 x 2.37					
Machine weight	kg			/		/					

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UN90~2005KII-V Specifications (Variable displacement pump)

DESCRIPTION	UNIT	4U	190SK II	[-V	UN120SK II -V			UN160SKII-V			UN200SK II -V			
International size			295/900	1	4	420/1200)	(604/1600	0	895/2000			
					INJE	CTION	UNIT							
Shot volume	cm³	116.6	158.7	207.3	163.6	246.9	307.6	297.7	371.0	452.3	425.2	518.5	664.4	
	g	107.3	146.0	190.8	150.5	227.1	283.0	273.9	341.3	416.1	391.2	477.0	611.3	
Shot weight (PS)	OZ	3.8	5.2	6.7	5.3	8.0	10.0	9.7	12.0	14.7	13.8	16.8	21.6	
Screw diameter	mm	30	35	40	35	43	48	43	48	53	48	53	60	
Injection pressure	МРа	252.8	185.6	142.2	256.9	170	136.7	203	162.9	133.6	210.7	172.8	134.8	
Injection rate	g/s	57.2	77.8	101.6	68.6	103.5	129.0	108.2	134.8	164.4	129.8	158.3	202.9	
Screw L:D ratio		24:1	20:1	20:1	24:1	20:1	20:1	22.3:1	20:1	20:1	22:1	20:1	20:1	
Max. injection speed	mm/s		88		77.5			81				78		
Screw stroke	mm		165			170			205			235		
Screw speed	r/min	0-163			0-171			0-192			0-170			
					CLA	MPING	UNIT							
Clamping force	kN		900			1200			1600			2000		
Opening stroke	mm		320			360			410			460		
Space between tie bars (W×H)	mm×mm	3	360×360		2	410×370)	4	455×43	5	į	510×51)	
Max. daylight	mm		670		760			870			980			
Mold thickness (minmax.)	mm		130-350		145-400		160-460			180-520				
Ejector stroke	mm		100		120		140		150					
Number of ejector pin holes			5		5		5		5					
Ejector force	kN		28		42			42		49				
					РО	WER U	NIT							
Max. system pressure	MPa		17.5			17.5			17.5			17.5		
Oil pump motor	kW		11			11			15			18.5		
Heating capacity	kW		6.9/7.8			9/10.1			10.9/12.	1		14.4/16.8	3	
Number of temperature control zones			4			4			4			5		
					G	ENERA	L							
Dry cycle time	S		2.2			2.1			2.4			3.1		
Oil tank capacity	L		135			165		180			220			
Machine dimensions (LxWxH)	m×m×m	4.55	×1.15×	1.56	4.59×1.23×1.62		5.25×1.25×1.73			5.68×1.32×1.82				
Machine weight	kg		2860			3240		4190			5290			

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UN260~480SKII-V Specifications (Variable displacement pump)

DESCRIPTION	UNIT	UN	260SKI	II-V	UN	320SKI	II-V	UN	400SKI	II -V	UN	480SK]	I-V	
International size		1	269/260	0	1	.885/320	0	2	693/400	00	3	330/480	0	
					INJE	CTION	UNIT							
Shot volume	cm³	584.6	749.3	962.4	834.1	1071.3	1338.3	1198.5	1497.0	1828.8	1678.5	2050.5	2459.6	
Chataniah (PC)	g	537.9	689.3	885.4	767.4	985.6	1231.2	1102.6	1377.3	1682.5	1544.2	1886.4	2262.8	
Shot weight (PS)	OZ	19.0	24.3	31.2	27.1	34.8	43.4	38.9	48.6	59.3	54.5	66.5	79.8	
Screw diameter	mm	53	60	68	60	68	76	68	76	84	76	84	92	
Injection pressure	MPa	217.1	169.4	131.8	226.2	176.1	141	224.8	179.9	147.3	198.6	162.5	135.5	
Injection rate	g/s	162.4	208.1	267.3	174.3	223.9	279.6	250.5	313.0	382.4	354.8	433.4	519.8	
Screw L:D ratio		22.6:1	20:1	20:1	22.6:1	20:1	20:1	22.3:1	20:1	20:1	22.1:1	20:1	20:1	
Max. injection speed	mm/s	80			67			75			85			
Screw stroke	mm	265			295			330			370			
Screw speed	r/min	0-164			0-146			0-132			0-131			
CLAMPING UNIT														
Clamping force	kN	2600			3200				4000			4800		
Opening stroke	mm	530			580				660			760		
Space between tie bars (W×H)	mm×mm	570×570			(670×670			710×710	0	8	810×810)	
Max. daylight	mm		1140		1240			1390				1570		
Mold thickness (minmax.)	mm		195-610		220-660			240-730			260-810			
Ejector stroke	mm		160		170		210			220				
Number of ejector pin holes			13		13		13			17				
Ejector force	kN		77		77			110			110			
					РО	WER U	NIT							
Max. system pressure	MPa		17.5			17.5			17.5			17.5		
Oil pump motor	kW		22			30			37			45		
Heating capacity	kW		16.6/19		- 2	22.2/24.6	6	1	26.4/30.9	9	3	33.1/36.2	2	
Number of temperature control zones			5			5			6			6		
					G	ENERA	۱L							
Dry cycle time	S		3.1			3.8			4.0		4.2			
Oil tank capacity	L		300			360		540			660			
Machine dimensions (LxWxH)	$m \times m \times m$	6.24	×1.59×	1.96	6.84	6.84×1.73×2.03		7.78×2.12×2.03			8.55×2.20×2.10			
Machine weight	kg		7400			9340			13600		16820			

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UN630~750SKII-V Specifications (Variable displacement pump)

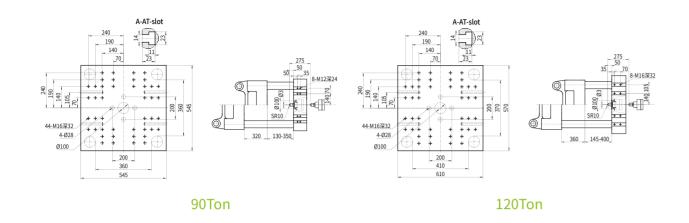
DESCRIPTION	UNIT		UN63	OSKII-V		UN750SK II -V				
International size			42	200		5660				
				INJECTI	ON UNIT					
Shot volume	cm³	2211.7	2438.4	2924.9	3455.7	2604.6	3124.4	3691.4	4305.6	
Shot weight (PS)	g	2034.7	2243.3	2691.0	3179.3	2396.3	2874.4	3396.1	3961.2	
Screw diameter	mm	80	84	92	100	84	92	100	108	
Injection pressure	MPa	190	173	144	122	218	181	154	132	
Injection rate	g/s	439	484	581	686	520	624	737	860	
Screw L:D ratio		23.2:1	22:1	21.7:1	20:1	21.9:1	22:1	21.6:1	20:1	
Max. injection speed	mm/s		9)5		102				
Screw stroke	mm		4	40			4	70		
Screw speed	r/min		0-3	133		0-143				
				CLAMPI	NG UNIT					
Clamping force	kN		63	300			75	500		
Opening stroke	mm		9	00			9	80		
Space between tie bars (W×H)	mm×mm		880	x880			980	x960		
Max. daylight	mm		18	300			19	960		
Mold thickness (minmax.)	mm		400	-900		400-980				
Ejector stroke	mm		2	80		280				
Number of ejector pin holes			2	21		21				
Ejector force	kN		1	82		182				
				POWE	R UNIT					
Max. system pressure	MPa		17	7.5		17.5				
Oil pump motor	kW		37+	18.5			37	+37		
Heating capacity	kW		34	/38			41	2/45		
Number of temperature control zones				7				7		
				GEN	ERAL					
Dry cycle time	S		4	.9			5	.3		
Oil tank capacity	L		7.	10		720				
Machine dimensions (LxWxH)	$m \times m \times m$		9.06×2.	15×2.26		9.66×2.34×2.37				
Machine weight	kg			/		/				

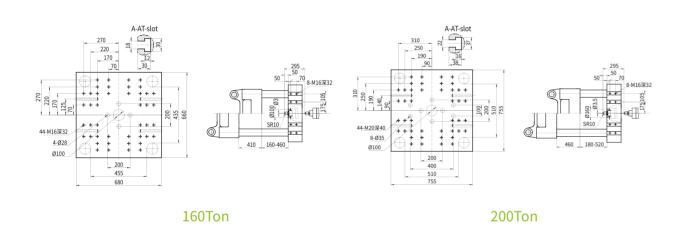
 $[\]label{thm:partial} \mbox{\ensuremath{\$}{\sc The Data above were acquired by testing in the factory, only for your reference.}$

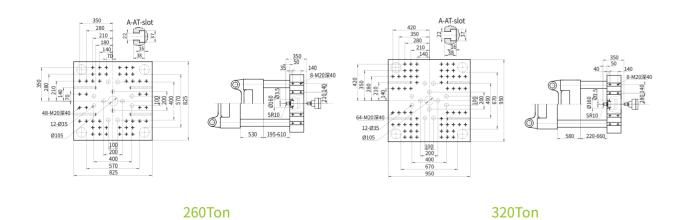
The specific data please accord to the actual equipment.

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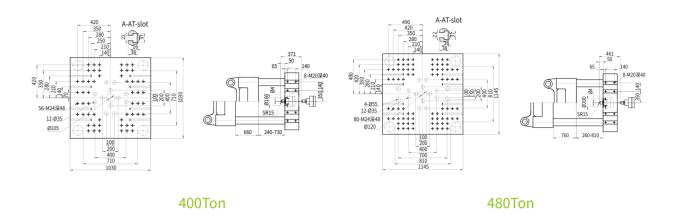
Platen Dimensions Drawings

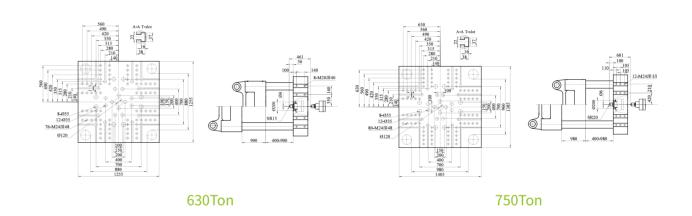




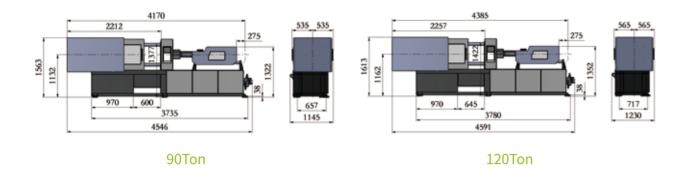


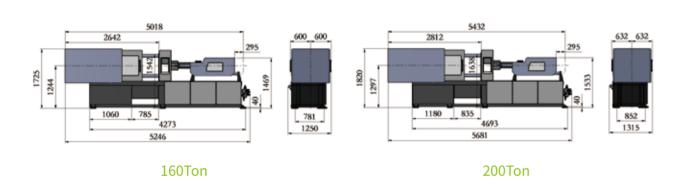
**The Data above were acquired by testing in the factory, only for your reference.
The specific data please accord to the actual equipment.

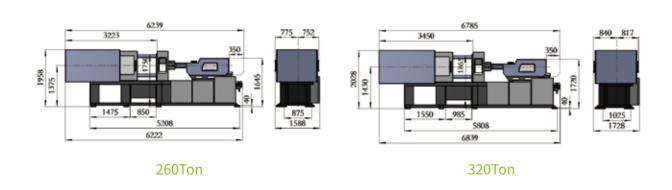




Machine Dimensions Drawings

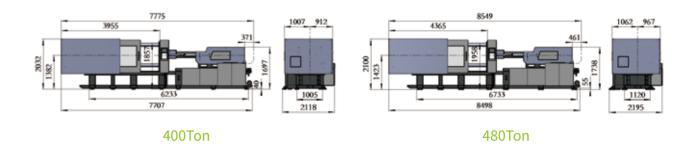


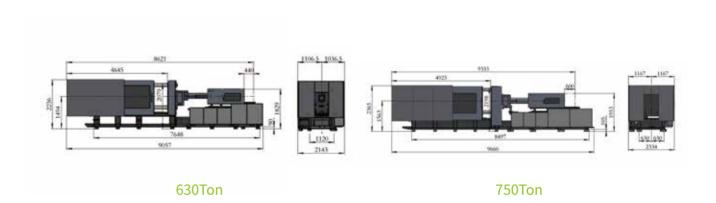






The specific data please accord to the actual equipment.





Features

	Standard	Opti
Injection unit		
Nitrided screw & barrel	•	
Double-cylinder injection device	•	
Movable hopper (90T-320T)	•	
Screw cold start protection	•	
Automatic purging	•	
Selectable suck-back before or after plasticizing	•	
4 to 7-stage PID barrel temperature control	•	
Automatic injection and plasticizing failure detection	•	
Precision injection transducer	•	
6-stage injection speed/pressure/position control	•	
5-stage holding speed/pressure/time control	•	
3-stage plasticizing speed/pressure/position control	•	
Extended nozzle		
Hard chromeplated screw component		C
Bi-metallic screw component		
Screw component for special applications		
Hopper dryer		
CNC propotional back pressure		
Barrel blowing device		
Purge guard (with safety switch)		
Spring shut-off nozzle		
Extended injection stroke		
Clamping unit		
Precision transducer for clamp/ejector stroke control	•	
Three platens and toggles made of QT500-7A ductile cast iron	•	
2-stage ejector forward/backward control	•	
Low-pressure mold protection	•	
Various ejection settings	•	
Various ejection settings Hydraulic mold height adjusting device	•	
	•	
Hydraulic mold height adjusting device	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke Mold lifting device	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke Mold lifting device Mold thermal insulation plate	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke Mold lifting device Mold thermal insulation plate Special mold mounting hole	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke Mold lifting device Mold thermal insulation plate Special mold mounting hole Automatic safety door	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke Mold lifting device Mold thermal insulation plate Special mold mounting hole Automatic safety door Hydraulic system	•	
Hydraulic mold height adjusting device Mechanical and electrical safety devices Wear-resistant movable platen supporting tracks High-rigidity platen with T slots and bolt holes Automatic centralized lubrication system Euromap-based robot locating hole Increased mold thickness Larger ejector stroke Mold lifting device Mold thermal insulation plate Special mold mounting hole Automatic safety door Hydraulic system Third-generation servo system	•	()

	Standard	Optional
High-performance hydraulic valve	•	
Imported sealing components	•	
Lower-noise hydraulic system	•	
Hydraulic oil cooler	•	
Hydraulic oil temperature detection and alarm		0
Hydraulic core-pull/ unscrewing device		0
Hydraulic satety protection		0
Independent oil temperature control		0
High-response servo injection system with accumulator		0
High-response servo mold open/close system		0
Ejection during mold opening		0
Enlarged oil cooler		0
Enlarged oil pump and motor		0
Nitrogen assisted injection device		0
Control system		
Input/output inspection function	•	
Automatic heat preservation and automatic heating setting	•	
Time / position / time + position controlled switchover from injection to holding	•	
Separate adjustment of action slope	•	
Control program of two sets of core puller/ unscrewing	•	
Process parameter lock	•	
Automatic clamping force adjustment	•	
8" color LCD	•	
120 sets of molding data storage	•	
Multiple operating languages	•	
Robot interface	•	
One set of single-phase power socket/Two sets of 3-phase power socket (16A/32A+16A)	•	
Emergency stop buttons for front and rear safety doors	•	
Electrical unscrewing device		0
Hot runner interface		0
Air-assisted injection device		0
Working light / one or multi-color alarm light		0
Air blast		0
Electric unscrewing interface		0
Power supply voltage change		0
Others		
Operation manual	•	
Adjustable leveling pad	•	
Tool kit	•	
Filter element	•	
Mold retaining plate	•	
General hopper		0
Mold temperature controller		0
Auto loader		0
Dehumidifier Dehumidifier		0
Denomination		

YFO:6 Premium Services



YIZUMI e-service

