

Specifications of PAC Injection Molding Machines

(Selection of Injection Unit Depends on the Product Requirements)

DESCRIPTION	UNIT	PAC200		PAC250			PAC300			PAC350	
International specification		440/2000		840/2500			840/3000			1480/3500	2180/3500
INJECTION UNIT											
Shot volume	cm³	219	277	441	534	636	441	534	636	763	1211
Shot weight	g	201	255	406	491	585	406	491	585	702	1114
	oz	7.1	9.0	14.3	17.3	20.6	14.3	17.3	20.6	24.8	39.3
Screw diameter	mm	40	45	50	55	60	50	55	60	60	70
Injection pressure	Mpa	199	157	190.5	157.4	132.3	190.5	157.4	132.3	194.4	180.8
Screw L:D ratio		22:1		22:1			22:1			22:1	
Max.injection speed	mm/s	232		218.2			257			175	130
Screw stroke	mm	176		225			225			270	315
Screw speed(stepless)	r/min	0–300		0–300			0–300			0–300	
CLAMPING UNIT											
Clamping force	kN	2000		2500			3000			3500	
Opening stroke	mm	500		560			610			700	
Space between bars	mmxmm	520x520		580x580			635x635			730x730	
Max. Daylight	mm	1050		1160			1260			1450	
Mold thickness(Min.Max)	mm	200–550		220–600			250–650			300–750	
Hydraulic ejection storke	mm	150		180			180			200	
Ejector number		5		13			13			13	
Hydraulic ejection force	kN	77		137			137			137	
POWER UNIT											
Hydraulic system pressure	Mpa	17.5		17.5			17.5			17.5	
Pump motor	kW	35		35+11			35+20			35+20	
Heating capacity	kW	14		16.5	22	24.85	16.5	22	24.85	22.6	30
Number of temp control zones				5			5			5	
GENERAL UNIT											
Dry cycle time	s	1.8		1.8			2.0			2.2	
Oil tank capacity	l	500		570			650			800	
Machine dimensions (LxWxH)	mxmxm	6x1.8x1.9		6.4x1.91x2.18			6.9x2.05x2.2			7.5x2.2x2.4	
Machine weight	Ton	7.5		11			12.5			15	

■ Note: We reserve the right to make changes or improvements of the product without prior notice.
The product photos in this catalog are for reference only.

YIZUMI伊之密

PAC

High-speed Injection Molding Machine

(200T-350T)

Thin-wall Injection Molding System Solution

Stock Code: 300415

广东伊之密高速包装系统有限公司

GUANGDONG YIZUMI HIGH SPEED PACKAGING SYSTEM COMPANY LIMITED

ADD: No.22, Ke Yuan 3 Road, Hi-tech Industrial Zone, Ronggui, Shunde, Foshan City, Guangdong Province, China

TEL: 86-757-2926 5150 E-mail: imm@yizumi.com www.yizumi.com



About Us



Located in National Hi-tech Industrial Zone in Shunde, Guangdong Yizumi High Speed Packaging System Company Limited is established to cope with the world's growing demands for high-speed packaging equipment. With strong financial base, large company size and elites in R&D, design, manufacturing, service and marketing, we pursue the mission of "Facilitate Chinese machine technology keeping pace with the world and provide global customers with better investment return and experience".

We offer high-speed injection molding turnkey systems for thin-wall plastic packaging products such as food containers, IML ice cream containers, IML buckets and IML packaging containers.

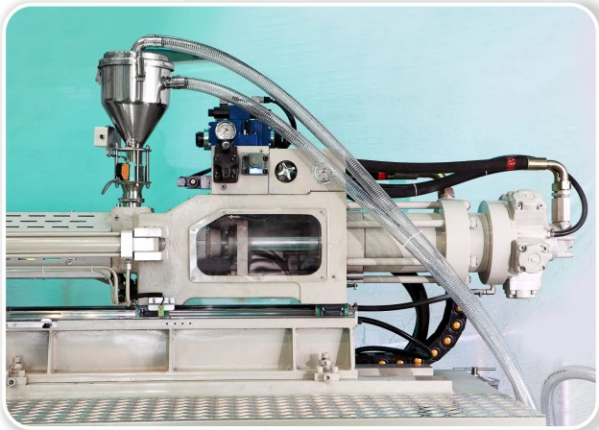
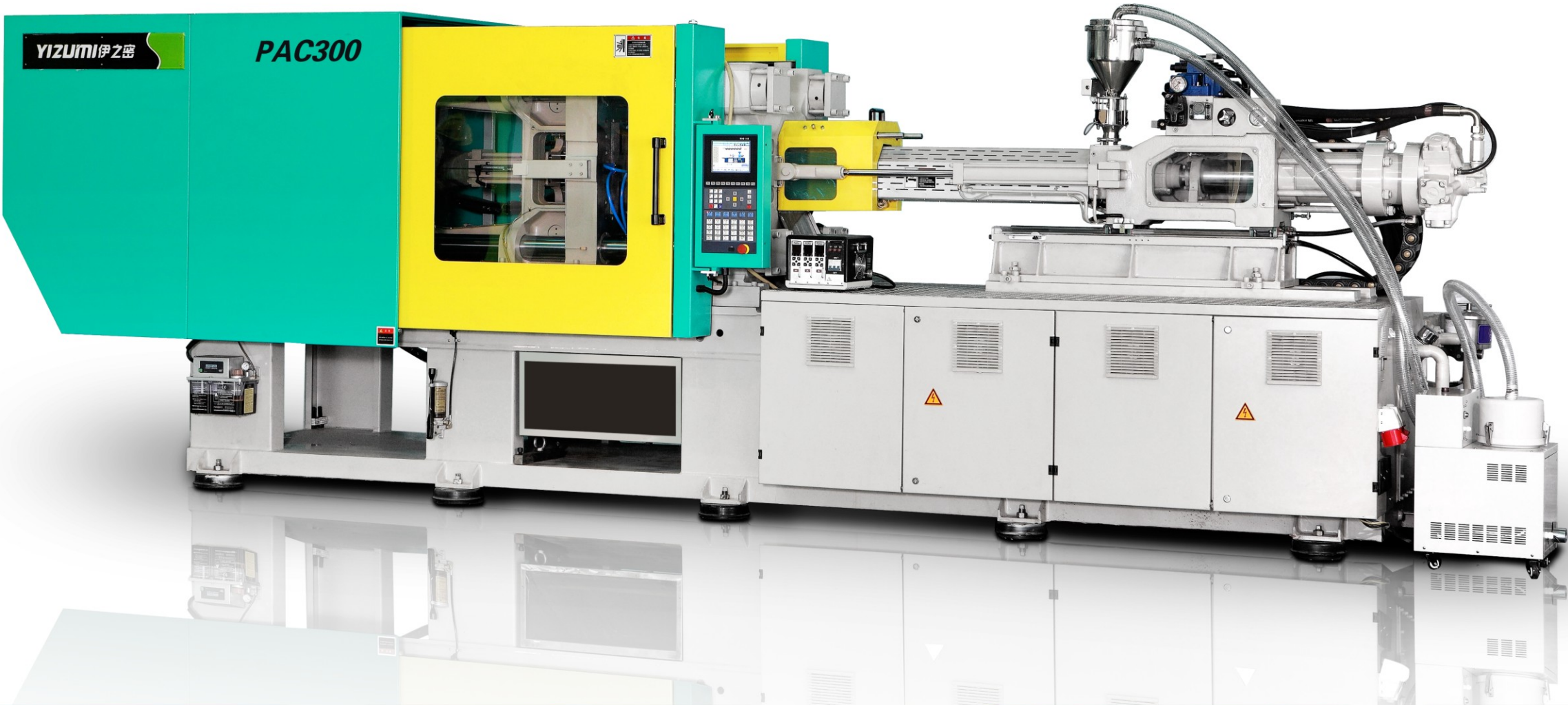
We have a team of innovative R&D elites, highly-efficient management, cutting-edge machining equipment and complete constant-temperature dust-free production lines. Innovation, the spirit of working earnestly and years of experience in machine manufacturing also ensure outstanding quality and performance of our products. Our technology emphasizes the concept of "highly-efficient, precise, economical, reliable, energy-saving and environment-friendly" and leads the trend in packaging.

Since establishment, we have always aimed to meet the current and latent needs of every customer, offer turnkey solutions for customers and serve them sincerely. The greatest significance of our job is to create the maximum value and provide the best investment return for customers. In addition, we are committed to establishing the best service system in the industry and consistently endeavor to provide speedy and accurate services for customers worldwide and increase their competitiveness.

Technical Diagram of Thin-wall Injection Molding System



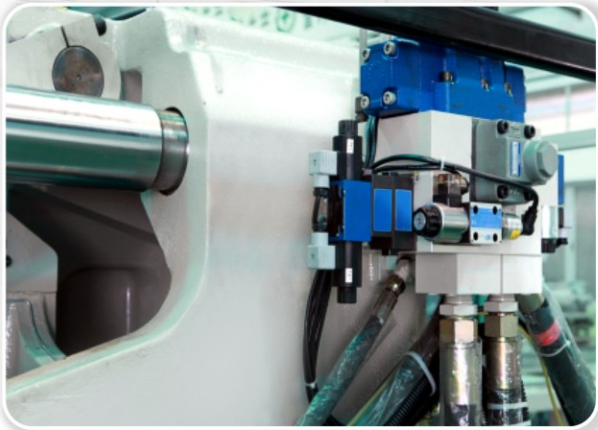
Thin Wall Injection Molding Machine



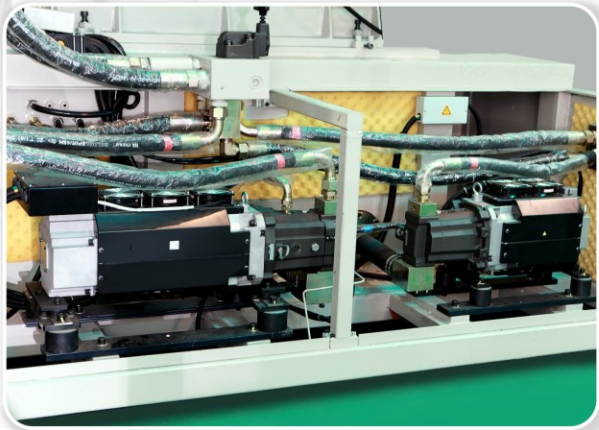
Single-cylinder injection system for high precision



Durable high-rigidity clamping unit

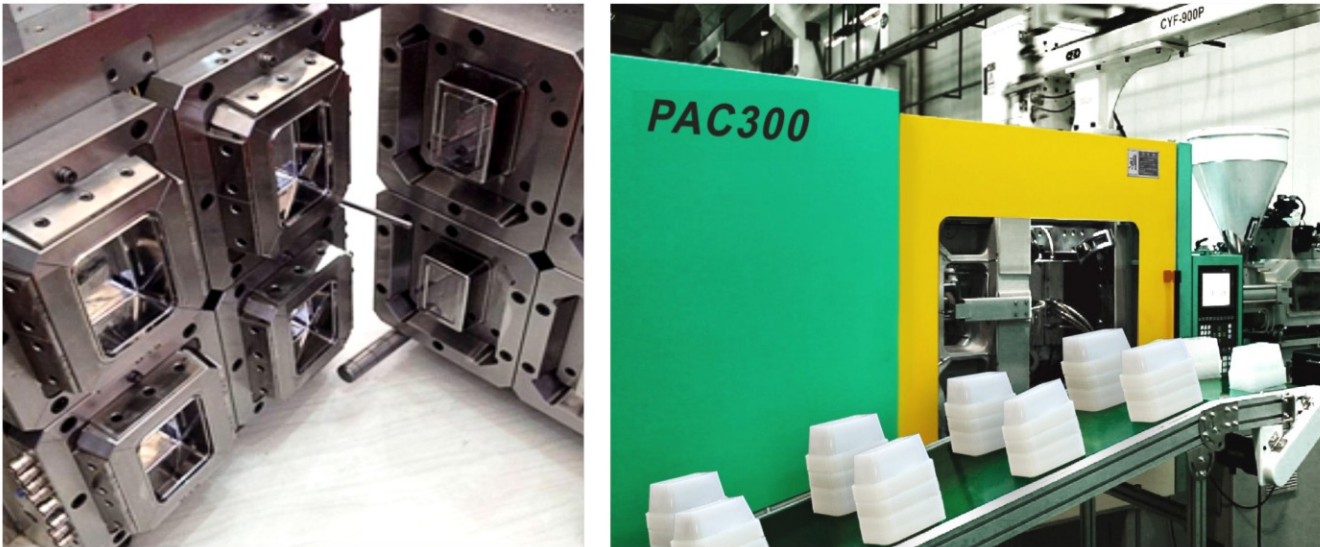


High-response hydraulic system



High-efficiency energy-saving servo system

Application Example
of Thin Wall Injection Molding System



Machine: PAC300

- Mold: 4-cavity 1000ml fast food container mold
- Part weight: 17.5 g
- Wall thickness: 0.35 mm
- Cycle time: 5.8 s
- Auxiliary equipment: robot and temperature controller



Comparison of Actual Energy Consumption

Model	PAC300 (with servo system)	330T of other brand (with accumulator for injection)
Actual power consumption per hour (kw.h)	22	33
Cycle time (sec)	5.8	6.3
Power consumption per kilogram of material (kw.h / kg)	0.506	0.932

Platen Dimension Drawings

