

Specifications of PET48-ECO Injection Molding Machine

Model	PET48-ECO				
		90	100	95/95	95/110
Injection unit					
Shot volume	cm <sup>3</sup>	2098	2590	2550	3419
Shot weight (PET)	g	2370	2930	2930	3930
Screw diameter	mm	90	100	95	95
Injection rod diameter	mm			95	110
Injection pressure	Bar	1282	1039	1520	1134
Screw L:D ratio	L/D	25:1	25:1	25:1	25:1
Screw stroke	mm	330	330	360	360
Screw speed	r/min	0-100	0-100	0-80	0-80
Clamping unit					
Clamping force	KN	2600			
Opening stroke	mm	700			
Space between tie bars	mmxmm	755x755			
Maximum daylight	mm	1240			
Mold thickness	mm	220-700			
Ejector stroke	mm	180			
Ejector force	KN	137			
Other					
Hydraulic system pressure	MPa	17.5			
Oil pump motor	KW	63	63	55+34	55+34
Plasticizing motor	KW	51	60	51	51
Heating capacity	KW	46	48	77	77
Number of temperature control zone	Zones	7	7	11	11
Oil tank capacity	L	700			
Machine dimensions (L×W×H)	mxmxm	8.5x2.1x2.4			
Machine weight	kg	18000		19500	

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



PET48-ECO High Speed Preform Injection Molding System



# PET48-ECO High Speed Preform Injection Molding System

Reduce Unnecessary Costs for Competitive Advantages

## Turnkey service

Yizumi provides tailor-made turnkey solutions for fast injection molding of PET packaging, including beverage bottles, oil bottles, food containers, daily necessities and medical products.



## High rigidity

Unique linear guide rails, non-contact tie bars, less resistance to movable platen and longer mold life.

## High production volume

Higher injection speed, shorter cycle time.

## Large shot weight

Single-station plasticizing ensures sufficient injection volume, maximum plasticizing volume up to 3,300 g.

## High response

High-end controller effectively improves and overlaps the response time of each movement. The program scan time is only 1ms.

