

Technical Parameter>>



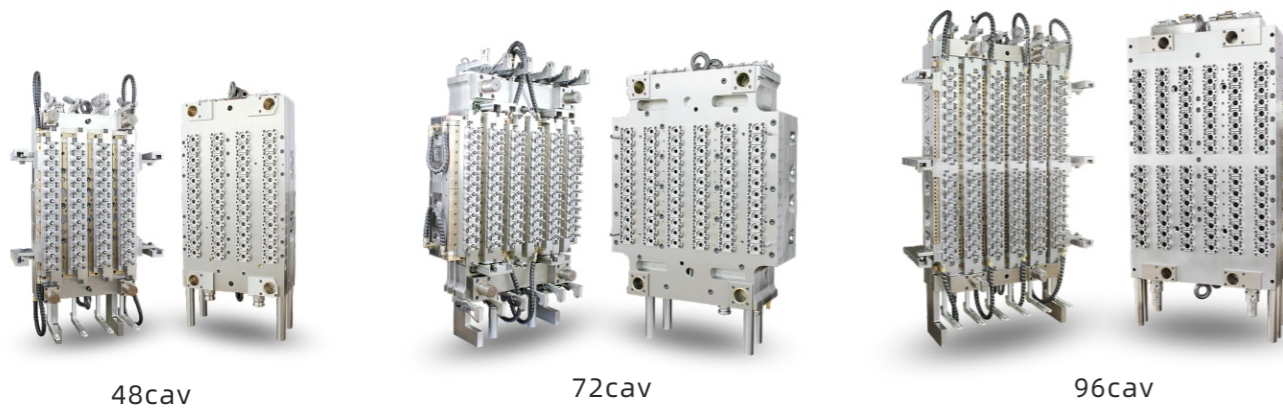
Stock Code: 301138

Model		Eone-190		Eone-230				Eone-300						
Injection Unit	Screw diameter	mm	75	85	85	100	100	120	100	120	100	120		
	Screw L/D ratio	L/D	25	25	25	25	25	25	25	25	25	25		
	Shot volume(max.)	cm³	1325	1872	1872	3140	3140	3140	4069.44	3140	4069.44	4069.44		
	Shot weight	g	1523	2152.4	2152.4	3611	3611	3611	4679.9	3611	4679.9	4679.9		
		oz	53.8	76.1	76.1	127.6	127.6	127.6	165.37	127.6	165.37	165.37		
	Injection pressure	kgf/cm²	1001	997	997	991	991	991	1011	991	1011	1011		
Clamping Unit	Machine size (L*W*H)	m	9.6*3.7*2.1		9.8*3.6*2.1		10*4.3*2.4		10*4.63*2.5		11*4.63*2.5			
	Clamping Force	Ton	190		230				300					
	Clamping stroke	mm	550		550				600					
	Mold thickness (min/max)	mm	450~750		500~850				500~900					
	Tiebar spacing (W*H)	mm	580*620		660*720				780*785					
	Ejector stroke	mm	200		200				200					
	Ejector force	Ton	8+19.9		8+19.9				12.56+28.56					
Ejector pins	Piece	8		13				15						
Preform Mold	System Pressure(max.)	kg/cm²	160		160				160					
	Cavitation(max.)	Piece	32/48(Micro-pitch mold)				48/72(Micro-pitch mold)				72/96(Micro-pitch mold)			
	Preform length(max.)	mm	200		200				200					
Electrical System	Hot-runner	Pneumatic valve-gated hot runner mold												
	Plasticizing motor power	KW	54	54	54	78	78	78	111	54	54	54	78	
	Pump motor power	KW	54+0.95	78+0.95	78+0.95	78+0.95	78+0.95	78+0.95	2*54+2.2	54	54	54	78	
	Robot power	KW	5.8+2.2	5.8+2.2	5.8+3.4	5.8+3.4	5.8+3.4	17.94	26	5.8	5.8	5.8	5.8	
	Mold heating	KW	30	40	30	40	42	50	42	50	63	82	63	82
	Machine heating	KW	40	40	40	40	65	65	96	40	40	40	65	
Robot	Preform cooling mechanism	Piece	32*3	48*2	32*3	48*2	48*3	72*2	48*3	72*2	72*3	96*2	72*3	96*2
General Requirements	AC power (3 phase 4 line)	V	380				380				380			
		KW	187	197	211	221	227.2	235.2	276.2	284	302.9	321.9	406.2	425.2
	Chilling water	°C	5~15		5~15		5~15		5~15		5~15		5~15	
		Mpa	0.8		0.8		0.8		0.8		0.8		0.8	
		L/min	420	600	420	600	600	900	600	900	900	1200	900	1200
	Cooling water	°C	<25		<25		<25		<25		<25		<25	
		Mpa	0.3		0.3		0.3		0.3		0.3		0.3	
L/min		300		300		400		400		450		450		



Eone serie:
Smart Solution for Medium & Small Scale Preform Production

Remark: Huayan refers the right to alter the above parameters when product is upgraded without advance notice to users.



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Product Descriptions>>

The Eone series electric servo type PET preform injection molding system is a high-quality energy-saving model suitable for small batches production. On the basis of maintaining economy and applicability, cycle time, mechanical strength, product quality, and operating costs of the equipment have been carefully adjusted with series optimization design. It can provide customers with better economical operating costs and produce high-quality preforms. This series of models has high flexibility and can meet the requirements of different production volumes.

