

## ABS Series

VERTICAL SCREW TYPE PLASTIC INJECTION MOULDING MACHINE WITH RIGID MOULD CLAMPING



VERTICAL INJECTION



RIGID CLAMPING

# ABS Series

VERTICAL SCREW TYPE  
PLASTIC INJECTION  
MOULDING MACHINE WITH  
RIGID MOULD CLAMPING



## ATTRIBUTES

- Vertical screw type injection.
- Horizontal height pressure hydraulic clamping.
- Large L/D ratio for homogenous optimum melt for all type of engineering plastics.
- Robust clamping force and parallelism platen for flash proof moulding
- Semi microprocessor controller.
- Emergency push button.
- Shot counter.
- Safe, reliable, low maintenance & low noise machine

## APPLICATION



MODEL		Unit	ABS 60		ABS 100		ABS 150		ABS 200		ABS 300		ABS 500
INJECTION SYSTEM	Screw Diameter	mm	25	30	30	35	35	40	35	40	35	40	50
	Injection Pressure	kg/cm <sup>2</sup>	1119	777	1146	842	1165	892	1165	892	1165	892	965
	Theoretical Shot Volume	cm <sup>3</sup>	49	71	95	130	155	207	202	263	298	389	638
	Max. Shot Weight (PS)	gm	30	60	60	100	100	150	150	200	200	300	500
	Screw Speed (Max)	rpm	0-200		0-200		0-200		0-200		0-200		0-200
	No. of Temperature Control	zone	4		4		4		4		4		5
CLAMPING SYSTEM	Material Hopper Capacity	liters	8		10		10		20		20		30
	Clamping Force	Tons	7		10		13		18		18		25
	Opening Force	Tons	1.5		2.6		3.1		4		12		11
	Max. Mold Size (LxW)	mm	200 x 180		275 x 220		280 x 230		340 x 340		340 x 340		370 x 400
	Opening Stroke	mm	250		300		345		425		425		590
	Max. Open Daylight	mm	370		445		523		798		798		770
HYDRAULIC & ELECTRIC SYSTEMS	Ejector Force	Tons	1.3		1.3		1.3		2		2		3.9
	Ejector Stroke	mm	50		70		70		70		70		100
	Max. Hydraulic Pressure	bar	140		140		140		140		140		140
	Oil Reservoir Capacity	liters	60		80		100		140		140		180
	Pump Motor	kW	2.2		3.5		3.5		5		5		8.8
	Barrel Heating Power	kW	3.2		4		5		6.1		6.1		8.3
	Total Wattage	kW	5.4		7.5		8.5		11.1		11.1		17.1
	Machine Weight	tons	0.8		1		1.2		1.5		1.9		2.24
Machine Dimensions (LxWxH)	m	1.3x1x2.5		1.6x1x2.8		2x1x3		2.2x1.2x3.2		2.2x1.2x3.3		2.3x1.3x3.8	

Actual Shot Weight will be varied to various materials, all above data are subject to change without notice.

## GLOBAL REACH



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