

ABST - S Series

HIGH-SPEED VERTICAL
INJECTION 5 POINT RIGID TOGGLE
CLAMPING MOULDING MACHINE



VERTICAL
INJECTION



TOGGLE
CLAMPING

ABST - S Series

**HIGH SPEED & VERTICAL
SREW INJECTION RIGID 5 POINT
TOGGLE CLAMPING MOULDING
MACHINE**



ATTRIBUTES

- High speed and robust 5 point toggle clamping design.
- Vertical screw type injection.
- Centre hydraulic ejector
- Fully microprocessor controller.
- Auto lubricating system.
- Lowest cycle time.
- Front and back guard.
- Advance hydraulic power saving circuit.
- Mould Memory

APPLICATION



ABST-S Series: High Speed 5 Point Toggle Clamping Vertical Injection Molding Machine.						
	MODEL	Unit	ABST-S-55 Micro (60 Gram)	ABST-S-55 Micro (100 Gram)	ABST-S-55 Micro (150 Gram)	ABST-S-85 Micro (200 Gram)
INJECTION SYSTEM	Screw diameter	mm	30	35	40	40
	Injection Pressure	kg/cm ²	1586	1166	892	1079
	Theoretical shot volume	cm ³	95	129	169	263
	Max Shot Weight (P.S)	g	80	100	150	200
	Screw speed max.	rpm	200	200	200	200
	Number of temperature control	zone	4	4	4	4
	Material Hopper capacity	liters	10	10	10	20
CLAMPING SYSTEM	Clamping Force	ton	55	55	55	85
	Toggle Stroke	mm	255	255	255	295
	Tie Bar Distance	mm	280 x 260	280 x 260	280 x 260	355 x 315
	Platen Dimensions	mm	350 x 3.50	350 x 3.50	350 x 3.50	420 x 420
	Max. Mould Height	mm	250	250	250	370
	Min. Mould Height	mm	120	120	120	150
	Ejector force	ton	2	2	2	2.7
Ejector Stroke	mm	65	65	65	70	
HYDRAULIC & ELECTRIC SYSTEMS	Max. Hydraulic Pressure	bar	140	140	140	140
	Oil Reservoir Capacity	liters	100	100	100	140
	Pump Motor	kw/hp	5/7.5	5/7.5	5/7.5	7.4/10
	Barrel Heating Power	kw/hp	4/5.4	4/5.4	4/5.4	6.1/8.1
	Total Wattage	kw/hp	9/12.9	9/12.9	9/12.9	13.5/18.1
	Machine Weight	tons	2	2	2	2.5
	Machine Dimension (L x W x H)	feet	7 x 3.5 x 10	7 x 3.5 x 10	7 x 3.5 x 10	8 x 4.5 x 11

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

GLOBAL REACH



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