

AUTOJECTORS

specifications

HR-30-S

Maximum shot size (vinyl)	1 1/2" screw	1 1/2" screw
Screw diameter / inches	3.5 oz/4.9 cu. in.	5.5 oz/8.8 cu. in.
L/D ratio	1.25	1.50
Injection pressure max. lbs/in	12 : 1	15 : 1
Injection screw rate (CIPS)	16,000 @ 2000 PSI	18,750 @ 2000 PSI
Injection stroke / inches	8.1	8.8
Injection speed adjustable (in/min)	4.0	5.0
Screw speed, adjustable (RPM at 1500 PSI)	0 - 376	0 - 223
Screw recovery rate (in/sec)	0 - 270	0 - 155
Hydraulic screw motor HP @ 1500 PSI	.40	.20
Plasticizing capacity lbs/hr	5.0	4.5
Barrel heaters / watts	45	135
Nozzle heaters / watts	5,600	7,200
Platen size (top)	400	400
Lower platen size (bottom)	6" x 8"	6" x 8"
Mold clamping force	36" dia.	36" dia.
Knockout stroke	30 ton	30 ton
Capacity of hopper	3/4"	3/4"
Hydraulic reservoir capacity	25 lbs.	25 lbs.
Pump capacity	30 gal.	30 gal.
Maximum operating pressure	8 GPM	8 GPM
Overall dimensions	2,000 lbs	2,000 lbs.
Motor	43W x 87L x 65H	43W x 87L x 65H
	7.5 HP @	7.5 HP @
	1750 RPM	1750 RPM
	230/460 volt	230/460 volt
	60 HZ, 3 phase	60 HZ, 3 phase

Construction: 3 foot table rotates clockwise on a heavy duty thrust bearing. The table is powered with a hydraulic motor and is precisely positioned by a shot-pin.

Indexing: Cams on the underside of the table position the table at each station. By removing or adding cams any number of stations may be used.

NOTE: Shot capacity based on 10% loss of material in activating non-return valve and an average of 15% loss in specific gravity at melt temperature. Specifications subject to change without notice. Jog control for each function in the manual mode. Semi-automatic control completes one cycle.

