

Specifications / Model V-30 ARS

| INJECTION UNIT | U.S. Standard | Metric |
|--|---------------------------|---------------------------|
| Shot Capacity/Polystyrene | 4 oz | 113.3 gr |
| Screw Diameter | 1.38 in | 35 mm |
| Screw L/D Ratio | 16:1 | 16:1 |
| Screw Recovery Rate / per sec * | .21 oz | 6.0 gr |
| Screw Speed/Variable RPM | 10-231 | 10-231 |
| Injection Stroke | 5 in | 127 mm |
| Injection Volume | 7.4 cu in | 121.2 cu cm |
| Maximum Injection Pressure on Material | 22,397 psi | 1540 bar |
| Rate of Injection | 4.13 in ³ /sec | 67.8 cm ³ /sec |
| Total Heat Band Output | 6400 W | 6.4 kW |
| CLAMPING UNIT | | |
| Mold Clamping Force | 30 tons | 27 tons |
| Maximum Clamping Stroke | 6 in | 152 mm |
| Platen Size / D x W | 8 x 10 in | 203 x 254 mm |
| Maximum Mold Space / D x W | 8 x 10 in | 203 x 254 mm |
| Daylight-Closed/min. - max. | 6.0 - 8.75 in | 152 - 222 mm |
| Daylight-Open/max. | 14.75 in | 374 mm |
| Center Line of Injection | 2 3/8 - 5 1/8 in | 88.9 - 130 mm |
| GENERAL SPECIFICATIONS | | |
| Hopper Capacity | 45 lbs | 29 liter |
| Motor at 1200 RPM | 7.5 hp | 5.6 kW |
| Oil Tank Capacity | 37 gal | 140 liter |
| Pump Delivery | 12 gpm | 45.5 liter/min |
| Est. Weight (shipping) | 5000 lbs | 2268 kg |
| Length | 7 ft | 2.1 m |
| Width | 5 ft | 1.5 m |
| Height | 6.5 ft | 2.0 m |

* Based on polystyrene at 50% of capacity. Several other shot capacities are available.

Price, Design, Material and/or Specifications subject to change without notice and without liability therefor.

Platen Data

