

Injection Machine

Combining a rigid clamping system with high-pressure injection capability as standard features, both the 165 and 275 Roboshot models deliver the performance needed for tight tolerance molding with large molds and small shot sizes. When equipped with an 18 mm screw, the new Roboshot 165 S/B-m can inject as little as 18 g (0.63 oz) at over 2,450 bar pressure (35,550 psi) with a maximum velocity of 330 mm/sec (13 in./sec) and a rate of 84 cc/sec (5.1 cu in./sec). When the Roboshot's motor changes speed and position, everything is precisely controlled because of the mechanical linkage of the rigid ballscrew/motor combination.

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<http://www.mdtmag.com/product-releases/2005/08/injection-machine>