

HOT CHAMBER DIECASTING MACHINES

		SPECIFICATION				
		50 TON	60 TON	80 TON	150 TON	300 TON
CLAMPING	<i>Clamping force (at 70kg/cm2)</i>	54 ton	75 ton	95 ton	183 ton	330 ton
	<i>Die Platen size (HxV)</i>	490 x 510mm	504 x 550mm	520 x 550mm	700 x 670mm	865 x 920mm
	<i>Between tie bars (HxV)</i>	305 x 305mm	324 x 306mm	335 x 335mm	450 x 420mm	540 x 540mm
	<i>Max. die stroke</i>	193 mm	215mm	215mm	362	400mm
	<i>Thickness of die</i>	100-400mm	120 - 500mm	170-420mm	150 - 500mm	200 - 600mm
INJECTION	<i>Max. injection force (at 60kg/cm2)</i>	4.5 ton	4.5 ton	5 ton	7.9 ton	12 ton
	<i>Max. injection stroke</i>	120 mm	125mm	125mm	190mm	200 mm
	<i>Standard plunger tip diameter</i>	45mm	50mm	55mm	65mm	75/80
	<i>Melting pot capacity (Zn)</i>	150 kg	210 kg	210 kg	500kg	700kg
	<i>Total effective injection amount</i>	950gm	1270	1540 gm	2650 gm	4500/5200
	<i>Max. casting area</i>	162 cm2	262 cm2	361 cm2	615 cm2	974/1109 cm2
	<i>Casting pressure</i>	283 kg/cm2	229 kg/cm2	210 kg/cm2	238 kg/cm2	271/238 kg/cm2
EJECTION	<i>Ejection force</i>	2.5 ton	3.57 ton	3.8 ton	7.5 ton	13.8 ton
	<i>Ejection stroke</i>	60mm	70 mm	70 mm	90mm	100
HYDRAULIC SYSTEM	<i>Hydraulic pump capacity</i>		56 l/min	63 l/min	145 l/min	
	<i>Hydraulic pump pressure</i>	90 kg/cm2	90 kg/cm2	90 kg/cm2	90 kg/cm2	90
	<i>Accumulator (Bladder type)</i>	10L x 2pcs	10Lx1, 20Lx1	20L x 2pcs	30L x 2pcs	50Lx1, 40Lx1
	<i>Oil tank capacity</i>	150 litres	150 litres	350 litres	600 litres	800 litres
ELECTRIC UNIT	<i>3 Phase induction motor</i>	7.5kw	11 kw	11 kw	18.5 kw	25 kw
	<i>220 - 110VAC transformer</i>	5 amps	5 amp	5 amp	5 amp	5 amp
PNEUMATICS	<i>Required air pressure</i>	6-7 kg/cm2	6 -7 kg/cm2	6 - 7 kg/cm2	6 - 7 kg/cm2	6 - 7 kg/cm2
	<i>Air consumption</i>		8 li/cycle	8 li/ cycle	8 li/cycle	