



SPECIFICATIONS FOR QDC-50 HOT CHAMBER MACHINE

CLAMPING UNIT	METRIC			IMPERIAL		
Clamping force	500 kN			51 tons		
Clamping stroke	230 mm			9.1 inch		
Ejector Force	50 kN			5.1 ton		
Ejector Stroke	60 mm			2.4 inch		
Die height (min-max)	120 - 340 mm			4.7 – 13.4 inch		
Platen size (H x W)	456 x 456 mm			18 x 18 inch		
Tie bar diameter	56 mm			2.2 inch		
Space between tie bars	310 x 310 mm			12 x 12 inch		
CASTING UNIT						
Shot position (0 = center)	0 mm		-50 mm	0 inch		-1.97 inch
Max. Casting Force	65 kN			6.6 ton		
Casting Stroke	130 mm			5.1 inch		
Transverse Stroke	190 mm			7.5 inch		
Injection plunger diameter	45mm	50 mm	55 mm	1.77 inch	1.97 inch	2.17 inch
Shot weight (Zn)	1 kg	1.26 kg	1.53 kg	2.20 lbs	2.77 lbs	3.37 lbs
Melting Pot Capacity (Zn)	360 kg			792 lbs		
OTHER						
Hydraulic working pressure	10.5 mpa			1520 psi		
Hydraulic oil tank capacity	200 litre			53 gal		
Driving Motor Power	11.3 kW			15 hp		
Furnace Consumption	225,200 btu		Gas	28 kW (37hp)		Electricity
Machine weight	3500 kgs			7700 lbs		
Machine dimension (L x W x H)	4.3 m x 1.6 m x 2.12 m			14.1 ft x 5.24 ft x 6.95 ft		

Specifications are subject to change without notice.

 Options