



SPECIFICATIONS FOR QDC-400 HOT CHAMBER MACHINE

CLAMPING UNIT	METRIC		IMPERIAL	
Clamping force	4000 kN		480 tons	
Clamping stroke	550 mm		21.65 inch	
Ejector Force	180 kN		18.37 ton	
Ejector Stroke	120 mm		4.72 inch	
Die height (min-max)	300 - 700 mm		12 – 26 inch	
Platen size (H x W)	960 x 960 mm		38 x 38 inch	
Tie bar diameter	130 mm		5 inch	
Space between tie bars	620 x 620 mm		24.4 x 24.4 inch	
CASTING UNIT				
Shot position (0 = center)	0 mm	-125 mm	0 inch	-4.9 inch
Max. Casting Force	182 kN		18.6 ton	
Casting Stroke	230 mm		9 inch	
Transverse Stroke	340 mm		13.4 inch	
Injection plunger diameter	80 mm	90 mm	3.1 inch	3.5 inch
Shot weight (Zn)	5.70 kg	7.20 kg	12.54 lbs	15.84 lbs
Melting Pot Capacity (Zn)	1350 kg		2970 lbs	
OTHER				
Hydraulic working pressure	14 mpa		2030 psi	
Hydraulic oil tank capacity	800 litre		212 gal	
Driving Motor Power	22.5 kW		30 hp	
Furnace Consumption	477,700 btu	Gas	48 kW (64 hp)	Electricity
Machine weight	13000 kgs		5500 lbs	
Machine dimension (L x W x H)	7.5 m x 2.4 m x 3 m		24.6 ft x 7.87 ft x 9.84 ft	

Specifications are subject to change without notice.

 Options