



SPECIFICATIONS FOR QDCC-1250 COLD CHAMBER MACHINE

CLAMPING UNIT	METRIC			IMPERIAL		
Clamping force	12500 kN			1275 tons		
Clamping stroke	1000 mm			39.37 inch		
Ejector Force	570 kN			58.16 ton		
Ejector Stroke	200 mm			7.87 inch		
Die height (min-max)	450 - 1180 mm			17.72 – 46.46 inch		
Platen size (H x W)	1740 x 1730 mm			68.50 x 68.11 inch		
Tie bar diameter	230 mm			9.06 inch		
Space between tie bars	1100 x 1100 mm			43.31 x 43.31 inch		
CASTING UNIT						
Shot position (0 = center)	-160 mm	-320mm		-6.30 inch	-12.60 inch	
Intensification Force	1075 kN			109.70 inch		
Casting stroke	880 mm			34.65 inch		
Injection plunger penetration	320 mm			12.60 inch		
Injection plunger diameter	100 mm	120 mm	130 mm	3.94 inch	4.72 inch	5.12 inch
Shot weight (Al)	13.0 kg	18.6 kg	22.0 kg	28.6 lbs	40.9 lbs	48.4 lbs
Casting Pressure (with Intensification)	136 mpa	95 mpa	81 mpa	19.8 kpsi	13.8 kpsi	11.7 kpsi
Casting Area	913 cm ²	1315 cm ²	1543 cm ²	142 inch ²	204 inch ²	239 inch ²
Max. Casting Area (40 Mpa)	3125 cm ²			484.4 inch ²		
Dia. Of Shot Sleeve Flange	240 mm			9.45 inch		
Height of Shot Sleeve Flange	25 mm			0.98 inch		
OTHER						
Hydraulic working pressure	14 mpa			2030 psi		
Hydraulic oil tank capacity	2500 litre			662 gal		
Driving Motor Power	37.5 x 2 kW			50 x 2hp		
Machine weight	90000 kgs			198000 lbs		
Machine dimension (L x W x H)	10.8 m x 3.3 m x 4.2 m			35.4 ft x 10.8 ft x 13.8 ft		

Specifications are subject to change without notice.

Options