



SPECIFICATIONS FOR QDCC-800 COLD CHAMBER MACHINE

CLAMPING UNIT	METRIC			IMPERIAL		
Clamping force	8000 kN			880 short tons		
Clamping stroke	760 mm			29.92 inch		
Ejector Force	315 kN			32.14 ton		
Ejector Stroke	180 mm			7.09 inch		
Die height (min-max)	400 - 950 mm			15.75 – 37.40 inch		
Platen size (H x W)	1395 x 1400 mm			54.92 x 55.12 inch		
Tie bar diameter	180 mm			7.09 inch		
Space between tie bars	910 x 910 mm			35.83 x 35.83 inch		
CASTING UNIT						
Shot position (0 = center)	0 mm	-250 mm		0 inch	-9.84 inch	
Intensification Force	665 kN			67.86 inch		
Casting stroke	760 mm			29.92 inch		
Injection plunger penetration	297 mm			11.69 inch		
Injection plunger diameter	80 mm	90 mm	100 mm	3.15 inch	3.54 inch	3.94 inch
Shot weight (Al)	7.1 kg	9.0 kg	11.2 kg	15.6 lbs	19.8 lbs	24.6 lbs
Casting Pressure (with Intensification)	132 mpa	104 mpa	84 mpa	19.1 kpsi	15.1 kpsi	12.2 kpsi
Casting Area	604 cm ²	765 cm ²	944 cm ²	93.6 inch ²	119 inch ²	146 inch ²
Max. Casting Area (40 Mpa)	2000 cm ²			310.0 inch ²		
Dia. Of Shot Sleeve Flange	200 mm			7.87 inch		
Height of Shot Sleeve Flange	20 mm			0.79 inch		
OTHER						
Hydraulic working pressure	14 mpa			2030 psi		
Hydraulic oil tank capacity	1200 litre			318 gal		
Driving Motor Power	37.5 kW			50 hp		
Machine weight	40000 kgs			88000 lbs		
Machine dimension (L x W x H)	8.7 m x 2.1 m x 2.85 m			28.5 ft x 6.89 ft x 9.35 ft		

Specifications are subject to change without notice.

Options