



SPECIFICATIONS FOR QDCC-1600 COLD CHAMBER MACHINE

CLAMPING UNIT	METRIC				IMPERIAL			
Clamping force	16000 kN				1630 tons			
Clamping stroke	1000 mm				39.3 inch			
Ejector Force	570 kN				58 tons			
Ejector Stroke	250 mm				10 inch			
Die height (min-max)	500 - 1400 mm				20 – 55 inch			
Platen size (H x W)	1890 x 2010 mm				75 x 79 inch			
Tie bar diameter	250 mm				10 inch			
Space between tie bars	1180 x 1180 mm				47 x 47inch			
CASTING UNIT								
Shot position (0 = center)	-175 mm		-350 mm		-7 inch		-14 inch	
Intensification Force	1285 kN				131 tons			
Casting stroke	930 mm				37 inch			
Injection plunger penetration	360 mm				14 inch			
Injection plunger diameter	120 mm	130mm	140 mm	150 mm	4.72 inch	5.12 inch	5.51 inch	5.91 inch
Shot weight (Al)	19.0 kg	23.0 kg	26.0 kg	30.0 kg	41.8 lbs	50.6 lbs	57.2 lbs	66.0 lbs
Casting Pressure (with Intensification)	113 mpa	96 mpa	83 mpa	72 mpa	16.4 kpsi	13.9 kpsi	12.0 kpsi	10.4 kpsi
Casting Area	1408 cm ²	1652 cm ²	1916 cm ²	2200 cm ²	218 inch ²	256 inch ²	297 inch ²	341 inch ²
Max. Casting Area (40 Mpa)	4000 cm ²				620 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	2600 litre				689 gal			
Driving Motor Power	45 kW x 2				60 hp x 2			
Machine weight	95,000 kgs				209,000 lbs			
Machine dimension (L x W x H)	12.08m x 3.0m x4.0m				39.4ft x 84ft x 13.1 ft			

Specifications are subject to change without notice.



This quote contains information which may be privileged or confidential, or exempt from disclosure under applicable law