



**SPECIFICATIONS FOR QDCC-160 COLD CHAMBER MACHINE**

CLAMPING UNIT	METRIC			IMPERIAL		
Clamping force	1600 kN			163 tons		
Clamping stroke	380 mm			14.96 inch		
Ejector Force	108 kN			11.02 ton		
Ejector Stroke	85 mm			3.35 inch		
Die height (min-max)	200 - 550 mm			7.87 – 21.65 inch		
Platen size (H x W)	684 x 680 mm			26.93 x 26.77 inch		
Tie bar diameter	85 mm			3.35 inch		
Space between tie bars	460 x 460 mm			18.11 x 18.11 inch		
<b>CASTING UNIT</b>						
Shot position (0 = center)	0 mm	-70 mm	-140mm	0 inch	-2.76 inch	-5.51 inch
Intensification Force	254 kN			25.92 inch		
Casting stroke	340 mm			13.39 inch		
Injection plunger penetration	135 mm			5.31 inch		
Injection plunger diameter	50 mm	60 mm		1.97 inch	2.36 inch	
Shot weight (Al)	1.2 kg	1.8 kg		2.6 lbs	4.0 lbs	
Casting Pressure (with Intensification)	129 mpa	90 mpa		18.7 kpsi	13.1 kpsi	
Casting Area	123 <sup>2</sup>	176 cm <sup>2</sup>		19.1 inch <sup>2</sup>	27.6 inch <sup>2</sup>	
Max. Casting Area (40 Mpa)	400 cm <sup>2</sup>			62.0 inch <sup>2</sup>		
Dia. Of Shot Sleeve Flange	102 mm			4.00 inch		
Height of Shot Sleeve Flange	12 mm			0.47 inch		
<b>OTHER</b>						
Hydraulic working pressure	14 mpa			2030 psi		
Hydraulic oil tank capacity	400 litre			106 gal		
Driving Motor Power	15 kW			20 hp		
Machine weight	6300 kgs			13860 lbs		
Machine dimension (L x W x H)	5.6 m x 1.4 m x 2.66 m			18.4 ft x 4.59 ft x 8.72 ft		

Specifications are subject to change without notice.

 Options