



**SPECIFICATIONS FOR QDCC-3000 COLD CHAMBER MACHINE**

CLAMPING UNIT	METRIC			IMPERIAL		
Clamping force	30000 kN			3372 tons		
Clamping stroke	1500 mm			59 inch		
Ejector Force	900 kN			101 tons		
Ejector Stroke	400 mm			15.75 inch		
Die height (min-max)	900 - 2000 mm			35.4 – 82.6 inch		
Platen size (H x W)	2620 x 2620 mm			103 x 103 inch		
Tie bar diameter	340 mm			13 inch		
Space between tie bars	1650 x 1650 mm			65 x 65 inch		
<b>CASTING UNIT</b>						
Shot position (0 = center)	0 mm	-250 mm	-450mm	0 inch	9.8 inch	17.7 inch
Intensification Force	2110 kN			240 tons		
Casting stroke	1473 mm			58 inch		
Injection plunger penetration	530 mm			20.8 inch		
Injection plunger diameter	150 mm	190 mm		5.9 inch	7.5 inch	
Shot weight (Al)	39 kg	62 kg		85 lbs	136 lbs	
Casting Pressure (with Intensification)	119 MPa	73 MPa		17300 psi	10600 psi	
Casting Area	2520 cm <sup>2</sup>		4110 cm <sup>2</sup>	390 in <sup>2</sup>		640 in <sup>2</sup>
Dia. Of Shot Sleeve Flange	20 mm			11 inch		
Height of Shot Sleeve Flange	30 mm			1.2 inch		
<b>OTHER</b>						
Hydraulic working pressure	16 mpa			2300 psi		
Hydraulic oil tank capacity	3200 litre			840 gal		
Driving Motor Power	165 kW			220 hp		
Machine weight	235,000kgs			260 tons		
Machine dimension (L x W x H)	15,750mm x 5,250mm x 5,180mm			51.7 ft x 17.2 ft x 16.9 ft		

Specifications are subject to change without notice.

