

TECHNICAL SPECIFICATION FOR SHOT BLASTING MACHINE

DT 20.10.12

Major parameter	ABRASIVE BLATING CABINET	Working Chamber		Hight	775mm	
				Width	910mm	
				Depth	820mm	
		Door Opening		Width G	730mm	
				Height H	675mm	
		Overall Dimensions		Height D	2050mm	
				Width	2560mm	
				Depth P	2650mm	
		Dust Collector		Fan Motor	10HP	
				Fan Capacity	500CFM	
				Filter Cloth Area	7.5Sq.mtrs	
		Boron Carbide Nozzle Short		5mm		
		Pressure Gauge, Air regulator & moisture separator fitted		1 No. each		
	Foot Switch & Door Limit Switch		Provided for safety inter locking			
	Compressed Air required at 80 PSI		55CFM			
	Abrasive Storage Capacity		28[1] ltrs (CFT)			
	Abrasive Feed		Direct Pressure			
	Recommended Abrasive size		25 to 100mesh			
	Tumble Basket	Length & Diameter		300 X 250		
		Load Capacity		20 Kg		
		Electric Timer		Provided		
	Turn Table	Diameter		500mm		
		Load Capacity		50 Kg		
Work Car	Length		600			
	Width		550mm			
	Height		75mm			
	Load Capacity		50Kg			
Mounted Truck Extension	Truck Length		1500mm			
	Length		1260mm			
		1. All motors should be 415 V/3P/50HZ.				
		2. Cylinder head inlet valve & exhaust valve of Engine should be cleaned properly.				
Minor parameter	Nil					
Concomitant accessories	Nil					
Optional Accessories	Nil					
Spares Along with Supply	Sr. No.	Description	QTY	Sr. No.	Description	QTY
	1.	Tungsten Carbide Nozzle Short 5mm	4	9.	Vision Glass	2
	2.	Nozzle Holder 19mm	4	10.	Light Box Glass	2
	3.	Rubber Bush for nozzle holder	10	11.	Flexible Connector 6"	2
	4.	Blast Hose 19mm (One Std Length=3.5Mtrs)	7Mtrs	12.	Dust Bag (One set of 12 Bags)	2 set
	5.	Mixing Tube	4	13.	Vibrator	2
	6.	Abrasive nipple	4	14.	Mushroom Valve	2
	7.	Hand Gloves	4 Pair	15.	O-Ring for mushroom valve	10
	8.	Gaunt let	8			
AMC requirement	Not required					
Warrantee requirement	As per IRS conditions of contract					
Special requirement	1. Two copies of original operation & maintenance Manuals. 2. Commissioning of machine at the consignee site by firm free of cost.					

SSE (HR) Mech

ADME (ID)

S. K. SINGH
Sr. DME (ID) P.I.
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Annexure-II

To be submitted by the firm along with offer

Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with clarification

Signature of firm's