

Technical Specification



Owner:Aathbiskot Municipality, Rukum(west)

Equipment Name: Wood cutting Machine

Quantity: 1 Set

S.N.	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Scope of Work	Design, Engineering, manufacturing, testing, inspection, supply, erection, commissioning and testing of wood saw machine having up to min. 1mtr diameter log sizes complete with Motor, Blades, Band wheel complete in all respect with Manufacturer's Test Certificates and covering mechanical, civil & electrical works including supply of all required material for civil construction & electrical works.	
2.	General	<p>1. The bench type wood saw machine having following details:</p> <p>wheel diameter = Min. 600 mm Wheel face and thickness = Min. 50mm & 10 mm Throat depth = not Less than 550 mm Maximum Log cutting capacity= min. 350 mm dia. Work table size= not less than 700X700 mm Table tilt degree = not less than 45 Deg. Speed of saw wheel = min. 550 RPM AC Motor Power required to operate = not less than 20 HP Weight of the machine = not less than 600 Kg Motor Power : 20 HP</p> <p>2. The Horizontal wood saw machine having following details:</p> <p>Capacities:</p> <ul style="list-style-type: none"> Cutting Capacity: 28 in. (71 cm) diameter maximum. Log Length: 8½ ft with standard two 6-ft track sections. Longer lengths can be accommodated by adding optional 6-ft track extensions to the mill—as many as required. Motor Power : 20 HP <p>Specifications</p> <ul style="list-style-type: none"> Production Rate: Varies according to type of material, thickness of cut, and rate of feeding 	<p>Make:</p> <p>Model:</p> <p>Year of Mfg.:</p> <p>Country of Origin:</p>



		<ul style="list-style-type: none"> Guides: Flat guide system for higher production and accuracy and extended blade life. <p>Saw details:</p> <ul style="list-style-type: none"> Band Blades: 11' x 1/2" x 0.035" guage hardback Blade Kerf: 0.072 in. (approx. 2 mm) Band Wheels: 16 in. (40.6 cm) <p>Handling and Lifting motor capacity: Appropriate capacity</p>	
3.	Blade	6" (15.24 cm) swage double-cut blade (cuts in both directions)	
4.	Band Wheel	600 mm band wheels with double-tapered bearings	
5.	Frame	Heavy duty frame made of 2" x 8" x 1/4" thick tubing (5 cm x 20 cm x 64 mm)	
6	Log Size	Cuts logs up to 42" in diameter x 22 ft long (106 cm x 6.7m)	
7	Manuals	One Hard Copy in English of the a. Operator's /Owner's instructions and maintenance manual, b. Spare parts catalogue shall be supplied with the equipment.	
8.	Tools	A set of tools required for general maintenance shall be supplied within a lockable tool box with equipment.	
9.	Initial spare parts	As per product's consumable should be supplied for a year.	
10	Warranty	Manufacturer shall provide minimum 1 years warranty from date of acceptance.	
11	Delivery	The Wood Cutting Machine one Unit shall be delivered with all necessary accessories to: Aathbiskot Municipality, Rukum(west)	

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Approved By

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