

Major category : UNSPSC -

Sub Category : - UNSPSC Code -

Bamboo Cross Cutting Machine : UNSPSC Code -

S.No.	Parameters	Grouping		Value 1	Value2	Value 3	Value 4	Value 5	Value 6	Golden	Validation	Whether Filter Required
1	Bamboo cross cutting machine shall be capable of cutting both wet and dry Bamboo	S	E	Yes						G		
2	Application	P	E	Bamboo cross cutting machine is used to cut bamboo at cross section from long bamboo in shorter length						G		
3	Material of Frame Angle	M	E	MS	SS	Alloy Steel				G		
4	Dimensions of angle (W x H) to make base frame of machine in mm x mm	D	E	35 x 35	40 x 40	50 x 50				G		
5	Thickness of angle to make base frame of machine in mm	D	N								≥ 5 mm	
6	Type of cutting blade	P	E	Carbide tipped circular saw	Tungsten Carbide tipped circular saw					G		
7	Size of cutting blade in inch	D	E	12	14	16	18			G		
8	Thickness of cutting blade in mm	D	E	3	3.5	4				G		
9	Number of teeth on blade	P	E	80	90	100	110	120		G		
10	Thickness of cutting tooth on circular saw in mm	D	E	3.5	4	4.5						

11	Maximum outer diameter of bamboo which can cut in inch	D	E	5	6	7	8			G		
12	Cutter should be Dynamically Balanced	P	E	Yes								
13	Availibility of safety guard	P	E	Yes								
14	Material for safety guard	M	E	18 gauge HR sheet								
15	Material of spindle	M	E	EN24/20mncr5								
16	Minimum hardness of spindle	P	E	Hardend(55 HRC+)								
17	Availability of lubricating system	P	E	Yes								
18	Power supply sources	P	T	230 V/50 hz Single Phase	440 V/50 hz Three Phase					G		
19	Make of Electrical motor	P	E	Crompton	Hawells	Kirloskar	Hindustan	Lph	Marathon			
20	Power of motor in HP	P	N	1 hp	1.5 hp	2 hp	3 hp			G		
21	RPM of electric motor with tolerance ± 100	P	E	1400	1600	1800	2000	2200	2400			
				2600	2800	3000						
22	Types of bearing used	P	E	Ball	Roller					G		
23	Make of bearing	P	E	NBC	SKF	NRB	ABC	Schaeffler	Galaxy			
24	Types of drive used	P	E	V-Belt								
25	Numbers of V belt use	P	N	1	2					G		
26	Make of V belt	P	E	Fenner	PIX	Dunlop	Hilton	Gimpex	Turboflex			
27	Availibility of Safety cover on belt drive	P	E	YES								
28	Make wire cable for electric motor	P	E	Finolex	Hawells	Polycab	Anchor	RR	National Cables			
29	Nominal cross section area of conductor in square mm	D	N							G	≥ 1.5 mm	
30	Core for wire cable	D	E	2	3	4				G		
31	Availibility of bamboo clamping arrangement mechanism	P	E	Yes								
32	Clamping mechanism oprated by	P	E	Foot	Hand					G		
33	Warranty in years	P	E	1	2	3	4	5		G		
34	Machine should have minimum vibration during operation	P	E	Yes								

35	Noise level of machine in db on full load	P	N									
36	Size of Cross cutting Bamboo Machine (LxWxH) in mm x mm x mm	D	T									
37	Weight of bamboo cross cutting machine in Kg	D	N									
38	Number of Spare Blades for Bamboo Cutting	P	E	5	10	15	20	NA		G		
39	The Cutting Circular Saw Shall be Air Cooled	P	E	Yes								
40	Machine and Blades must be Rust Proof	P	E	Yes								
41	Starting Current drawn by Motor should be Limited to Prevent the Electric Supply Fuse Blowing which will also prevents the tool from starting with a jolts	P	E	Yes								
42	Product instruction manual shall be supplied	P	E	Yes								
43	Standard Tool Kit for maintainanace and Trouble Shooting to be provided with Machine	P	E	Yes								
44	Protective Carry Case Supplied with Machine	P	E	Yes								
45	Demonstration of equipment and training to be provided after completing supplies before Acceptance	P	E	Yes								
46	ISO certification No. of manufacturer of machine	R	Ch	Yes	No							
47	ISO certification issued date, If ISO certificate not available then put NA	R	Ch									
48	Availability of test report from central Govt/ NABL/ILAC accredited lab covering all parameters	R	Ch	Yes	No							

49	Test Report Number, If no test report available put NA	R	Ch									
50	Test report date	R	Ch									
51	Name of the test lab	R	Ch									
52	Address of test lab	R	Ch									
53	Copies of test Reports/certificates and other certifications to be furnished to buyer on demand at time of supplies	R	Ch	Yes								

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	inch
	hp
	rpm
	mm

