



Farm Machinery Testing and Training Centre
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SPECIFICATION SHEET OF POWER OPERATED CHAFF CUTTER

1	General:		
	Manufacturer	:	
	Name of machine	:	
	Type	:	
	Make	:	
	Model	:	
	Serial No.	:	
	Year of manufacture	:	
	Suitability	:	
2	Constructional details: -		
	Stand, mm	:	
2.1	Constructional details, mm	:	
	Size of platform, mm	:	
	Height of platform from GL, mm	:	
	Chaff Cutter Assembly: -	:	
3	Power Unit: -		
	Type & rating	:	
	Mass , kg	:	
	Method of mounting	:	

	Size of mounting base, mm	:	
4	Main Power Transmission:-		
	Type	:	
	Size of motor pulley, mm	:	
	Size of fly-wheel pulley, mm	:	
	Type & size of belt	:	
	Reduction ratio	:	
	Arrangement for belt tensioning	:	
5	Cutter Head: -		
	Fly Wheel:-		
	Number	:	
	Material	:	
	Diameter of fly wheel, mm	:	
	Thickness of fly wheel, mm	:	
	Size of 'S' shape for mounting blade, mm	:	
	No. & size of holes on the 'S'	:	
	Shape for mounting handle, mm	:	
	Size of central bush , mm	:	
	Mass of fly wheel, kg	:	
6	Blades		
	Type	:	
	Number of blades	:	

	Material of blades	:	
	Dimension of blade		
	Method of mounting	:	
7	Shear plate (fixed edge): -		
	Number	:	
	Material	:	
	Size, mm	:	
	Method of mounting	:	
	Recommended clearance between fixed & rotating blades, mm	:	
	Method of clearance adjustment	:	
8	Feeding Assembly:		
9	Main Shaft:		
	Material	:	
	Dimensions, mm	:	
	Number & type of bearings	:	
	Method of mounting	:	
	Method of lubrication	:	
10	Gear		
	Type	:	
	Material	:	
	Number of worms gear	:	
	Number of pinion gear	:	

	Details of worm: -	:	
	Type	:	
	Length, (mm)	:	
	No. & depth of teeth, mm	:	
	Details of pinion: -	:	
	Number of teeth on each gear	:	
	Pitch, mm	:	
	Method of power transmission	:	
	Method of lubrication	:	
	Recommended lubricant	:	
11	Feed Rollers: -		
	Number of rollers	:	
	Type	:	
	Material	:	
	Length & diameter of roller, mm	:	
	Effective length of roller, mm	:	
	No. of teeth on each roller & their configuration	:	
	Type of teeth & pitch, mm	:	
	Size of roller shaft, mm	:	
	No. & type of shaft bearing	:	
	Size of bush, mm	:	

	Provision for Lubrication	:	
	Space between the axes of upper & lower roller shaft, mm: -	:	
	Minimum	:	
	Maximum	:	
	Method of space adjustment	:	
	Speed of feeding rollers corresponding to 1400 rpm of the prime-mover, rpm	:	
12	Feeding Mechanism: -		
	Type of feeding	:	
	Material	:	
	Size of feeding trough, mm	:	
	Height from ground level, mm		
	Length of covered portion, mm	:	
	Angle of inclination	:	
	Method of mounting	:	
	Safety Arrangements	:	
	Transport arrangements	:	
	Overall Dimensions, mm: -		
	Length	:	
	Width	:	
	Height	:	

	Mass of Machine , Kg: -		
	- With prime-mover	:	
	- Without prime-mover	:	
	Colour of the machine	:	

Place:

Date:

Signature : _____

Name : _____

Designation: _____