



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

1	General		
	Name & address of manufacturer	:	
	Name & address of applicant	:	
	Name of machine	:	
	Type	:	
	Make	:	
	Model	:	
	Serial No.	:	
	Year of manufacture	:	
	Suitability	:	
2	Constructional details		
2.1	Stand, mm		
	Constructional details, mm	:	
	Size of platform, mm	:	
	Height of platform from GL, mm	:	
3	Chaff cutter assembly		
3.1	Power unit		
	Type & rating		
	Mass, kg	:	
	Method of mounting	:	
	Size of mounting base, mm	:	
3.2	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		
4	Cutter Head: -		
4.1	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 shape for mounting blades	:	
	No. and size of holes on the 'S' shape for adjusting blades clearance, mm	:	
	No. and size of holes on the 'S' shape for mounting handle, mm	:	
	Size of central bush, mm	:	
	Mass of fly wheel, kg	:	
4.2	Blades		
	Type	:	
	Number of blades	:	
	Material of blades	:	
	Dimension of blade, mm	:	
	Method of mounting	:	
4.3	Shear plate (fixed edge)		
	Number	:	
	Material	:	
	Size, mm	:	
	Method of mounting	:	
	Recommended clearance between fixed & rotating blades, mm	:	
	Method of clearance adjustment	:	
5	Feeding Assembly		
5.1	Main Shaft		
	Material	:	
	Dimensions, mm	:	
	Number & type of bearings	:	

	Method of mounting	:	
	Method of lubrication	:	
5.2	Gear box		
	Type	:	
	Material	:	
	Number of worms gear	:	
	Number of pinion gear	:	
	Details of worm: -	:	
	Type	:	
	Length, mm	:	
	No. of teeth & depth of teeth, mm	:	
	Details of pinion: -	:	
	Number of teeth on each gear	:	
	Pitch, mm	:	
	Method of power transmission	:	
	Method of lubrication	:	
	Recommended lubricant	:	
5.3	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	:	

6	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	:	
7	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: _____