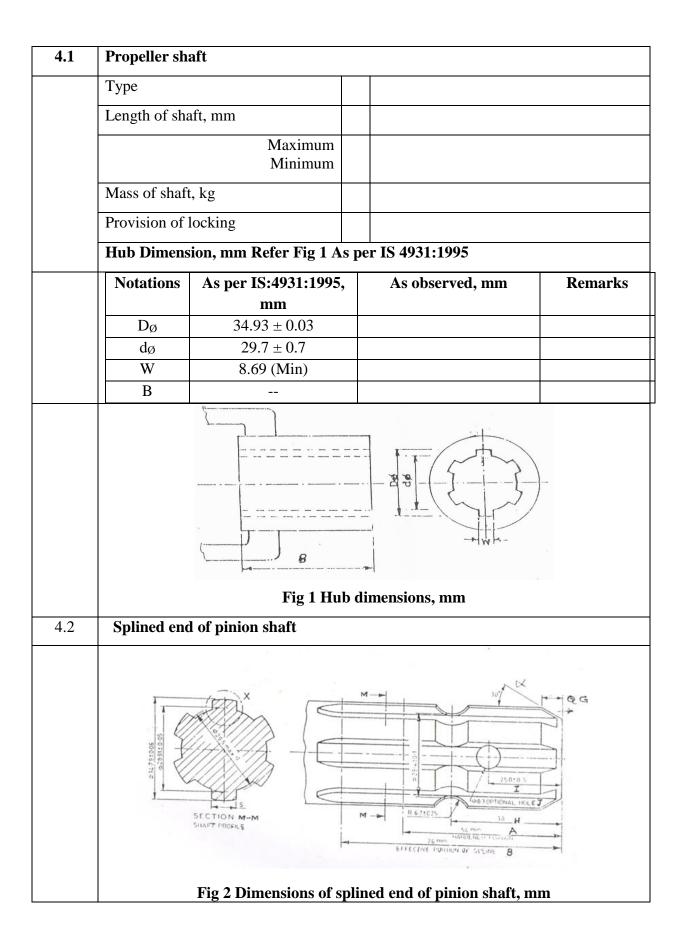


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## SPECIFICATION SHEET OF TRACTOR OPERATED THRESHER

1	General		
	Name and address of manufacturer	:	
	Name and address of applicant	:	
	Name of machine	:	
	Туре	:	
	Make	:	
	Model	:	
	Batch No/Code No.	:	
	Feed rate, kg/h	:	
	Serial No	:	
	Recommended drum speed, rpm	:	
	Output capacity, kg/h	:	
	Year of Manufacture	:	
2	Power unit		
	a) Type of prime mower	:	
	b) Recommended power, hp	:	
3	Crops to be threshed		
	Main crop	:	
	Other crops	:	
4	Power Transmission		
	Method of transmission	:	

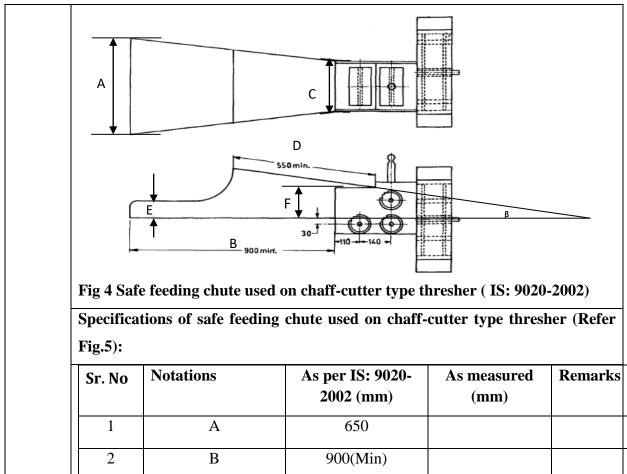


	Specification	As per IS: 4931-	As observed	Remarks		
		2004				
	Dø	34.79±0.06				
	dφ	28.91±0.05				
	Вф	29.4±0.1				
	S	8.69				
	R	6.7±0.25				
	α	30°				
	G	7				
	Н	38				
	А	54 (Min.)				
	В	76 (Min.)				
	Ι	25±0.5				
	J (optional hole)	8.3				
5	Main Frame	L	1 1			
	Туре	:				
	Size, mm	:				
	Constructional details:					
6	Platform					
	Туре	:				
	Number of platform	, Nos. :				
	Material	:				
l	Size, mm	:				

7	Main drive	:		
	Туре	:		
	Size of belt	:		
	Size of driving pulley, mm	:		
	Size of driven pulley, mm	:		
	Alternate Pulleys			
	Size of driving pulley, mm	:		
	Size of driven pulley, mm	:		
	Diameter of main shaft, mm	:		
8	Threshing unit			
	Туре	:		
	Diameter, mm	:		
	Width, mm	:		
	Recommended speed, rpm	:		
	No. and size of bearing	:		
	No. and size of stud/wire loop/bar/	:		
	hammer			
9	Concave			
	Туре	:		
	Diameter, mm	:		
	Width, mm	:		
	Recommended concave clearance	:		
	Method of clearance adjustment	:		
	Method of fixing	:		
10	Sieve	:	Crop 1	Crop 2
	Type of crop	:		
	Туре	:		
	Number	:		
	Total length x width, mm	:		
	Effective length and width, mm	:		
	Size of hole, mm	:		
	Sieve clearance range, mm	:		

	Screen slope range				
	Recommended screen slope	:			
	Method of mounting	:			
11	Shaker				
	Туре	:			
	Number of strokes per minute	:			
	Drive	:			
	Number and type of bearings	:			
12	Blower				
	Number	:			
	Туре	:			
	Number of blades	:			
	Size of blades, mm	:			
	Diameter, mm	:			
	Recommended speed, rpm :				
	Recommended air displacement :				
	Provision for changing air :				
	displacement				
	Size of outlet opening, mm	:			
	Nos. & Size of inlet opening, mm :				
	Drive	:			
	Number and type of bearing	:			
13	Ring-type hitching system for trai	iling			
	Constructional details	:			
14	Crop feeding				
	Feed roller Chute Conveyer belt Universal shaft Gear box Fig 3 Feed reversing device for chaff cutter type thresher				

Material   :     Number   :     Dimensions, mm   :     Distance between two rollers   :     Barge of throat clearance   :     adjustment, mm   :     Type and No. of bearing   :     Material   :     Material   :     Number   :     Dimensions, mm   :     Dimensions, mm   :     Total width   :     Effective width   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Spacing between two teeth   :     No. and type of bearing   :     No. and type of bearing   :     No. of teeth on drive gear   :     No. of teeth for feed roller gear   :     No. of teeth for delle gear	14.1	Feed roller		
Dimensions, mm:No. of teeth:No. of teeth:Distance between two rollers:Range of throat clearance:adjustment, mm:Type and No. of bearing:Type and No. of bearing:Material:Number:Dimensions, mmTotal width:Dimensions, mmTotal width:Effective width:Diameter:No. of teeth:Spacing between two teeth:Spacing between cutter:No. and type of bearing:Type:No. of teeth for cutter head gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for cutter head gear:		Material	:	
No. of teeth:Distance between two rollers:Range of throat clearance:adjustment, mm:Type and No. of bearing:It.2Cutter headMaterial:Number:Dimensions, mmTotal width:Effective width:Diameter:No. of teeth:Spacing between two teeth:Spacing between cutter:No. and type of bearing:It.3Cear boxType:No. of teeth for cutter head gear:No. of teeth for cutter head gear:No. of teeth for idle gear:		Number		
Distance between two rollers   :     Range of throat clearance adjustment, mm   :     Type and No. of bearing   :     It.2   Cutter head     Material   :     Number   :     Dimensions, mm   :     Total width   :     Effective width   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Spacing between cutter   :     Range of clearance adjustment   :     No. and type of bearing   :     It.3   Gear box     Type   :     No. of teeth for cutter head gear   :     No. of teeth for cutter head gear   :		Dimensions, mm		
Range of throat clearance   :     adjustment, mm   :     Type and No. of bearing   :     It.2   Cutter head     Material   :     Number   :     Dimensions, mm   :     Total width   :     Effective width   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Spacing between tutter   :     Range of clearance adjustment   :     No. and type of bearing   :     Type   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :     No. of teeth for feed roller gear   :		No. of teeth	:	
adjustment, mm   i     Type and No. of bearing   :     14.2   Cutter head     Material   :     Number   :     Dimensions, mm   :     Total width   :     Effective width   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Vidth of teeth   :     Spacing between cutter   :     Range of clearance adjustment   :     No. and type of bearing   :     Type   :     No. of teeth on drive gear   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :		Distance between two rollers	:	
Type and No. of bearing:I4.2Cutter headMaterial:Material:Number:Dimensions, mmTotal width:Effective width:Effective width:Diameter:No. of teeth:Spacing between two teeth:Width of teeth:Spacing between cutter:Range of clearance adjustment:No. and type of bearing:I4.3Gear boxType:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Range of throat clearance	:	
14.2   Cutter head     Material   :     Number   :     Dimensions, mm     Total width   :     Effective width   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Width of teeth   :     Spacing between cutter   :     Range of clearance adjustment   :     No. and type of bearing   :     Type   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :     No. of teeth for feed roller gear   :		adjustment, mm		
Material   :     Number   :     Dimensions, mm     Total width   :     Effective width   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Width of teeth   :     Spacing between cutter   :     Range of clearance adjustment   :     No. and type of bearing   :     Type   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :		Type and No. of bearing	:	
Number:Number:Dimensions, mmTotal width:Total width:Effective width:Diameter:No. of teeth:Spacing between two teeth:Width of teeth:Spacing between cutter:Range of clearance adjustment:No. and type of bearing:It.3Gear boxType:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for feed roller gear:No. of teeth for idle gear:	14.2	Cutter head	1	
Dimensions, mm     Total width   :     Effective width   :     Diameter   :     Diameter   :     No. of teeth   :     Spacing between two teeth   :     Width of teeth   :     Spacing between cutter   :     Range of clearance adjustment   :     No. and type of bearing   :     14.3   Gear box     Type   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :     No. of teeth for feed roller gear   :     No. of teeth for feed roller gear   :		Material	:	
Total width:Effective width:Diameter:Diameter:No. of teeth:Spacing between two teeth:Width of teeth:Spacing between cutter:Range of clearance adjustment:No. and type of bearing:14.3Gear boxType:No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Number	:	
Effective width:Effective width:Diameter:No. of teeth:Spacing between two teeth:Width of teeth:Spacing between cutter:Spacing between cutter:Range of clearance adjustment:No. and type of bearing:TypeType:No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Dimensions, mm	1	
Diameter:Diameter:No. of teeth:Spacing between two teeth:Width of teeth:Spacing between cutter:Spacing between cutter:Range of clearance adjustment:No. and type of bearing:14.3Gear boxType:No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Total width		
No. of teethINo. of teethISpacing between two teethIWidth of teethISpacing between cutterISpacing between cutterIRange of clearance adjustmentINo. and type of bearingI14.3Gear boxTypeINo. of teeth on drive gearINo. of teeth for cutter head gearINo. of teeth for feed roller gearINo. of teeth for idle gearINo. of teeth for idle gearI		Effective width		
Spacing between two teethISpacing between two teethIWidth of teethISpacing between cutterIRange of clearance adjustmentINo. and type of bearingI14.3Gear boxTypeINo. of teeth on drive gearINo. of teeth for cutter head gearINo. of teeth for feed roller gearINo. of teeth for feed roller gearINo. of teeth for idle gearINo. of teeth for idle gearI		Diameter	:	
Width of teeth:Spacing between cutter:Spacing between cutter:Range of clearance adjustment:No. and type of bearing:14.3Gear boxTypeType:No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:No. of teeth for idle gear:		No. of teeth	:	
Spacing between cutter:Range of clearance adjustment:No. and type of bearing:14.3Gear boxType:No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Spacing between two teeth	:	
Range of clearance adjustment:No. and type of bearing:14.3Gear boxType:No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Width of teeth	:	
No. and type of bearing   :     14.3   Gear box     Type   :     No. of teeth on drive gear   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :     No. of teeth for feed roller gear   :     No. of teeth for idle gear   :		Spacing between cutter	:	
Image: None of teeth on drive gear   :     No. of teeth on drive gear   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :     No. of teeth for idle gear   :		Range of clearance adjustment	:	
Type   :     No. of teeth on drive gear   :     No. of teeth for cutter head gear   :     No. of teeth for feed roller gear   :     No. of teeth for idle gear   :		No. and type of bearing	:	
No. of teeth on drive gear:No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:	14.3	Gear box		
No. of teeth for cutter head gear:No. of teeth for feed roller gear:No. of teeth for idle gear:		Туре	:	
No. of teeth for feed roller gear :   No. of teeth for idle gear :		No. of teeth on drive gear	:	
No. of teeth for idle gear :		No. of teeth for cutter head gear	:	
		No. of teeth for feed roller gear	:	
Capacity of oil, lit :		No. of teeth for idle gear	:	
		Capacity of oil, lit	:	
Gear ratio :		Gear ratio	:	



51.110		2002 (mm)	(mm)		
1	А	650			
2	В	900(Min)			
3	С	220			
4	D	550 (Min)			
5	E	60			
6	F	200			
7	β	10-30			
8	Sheet thickness	1.6 (Min.)			
9	Length of centre to centre distance of conveyer rollers	1200 (Min.)			
10	Length of conveyer at feed inlet side shall be covered	450 (Min)			

12	Transport		
	Туре	:	
	Number of wheels, Nos.	:	
	Size of wheels, inch	:	
	Wheel bearing	:	
	Size of wheel guard, mm	:	
	Type of towing arrangement	:	
13	Parking Stand:	1	
	Numbers of stand, Nos.	:	
	Size, mm	:	
	Nos. of holes and distance between	:	
	two holes, mm		
14	Flywheel		
	Number	:	
	Size, mm	:	
	Mass, kg	:	
15	Overall dimensions		
	Length, mm	:	
	Width, mm	:	
	Height, mm	:	
	Ground clearance, mm	:	
	Total mass, kg	:	

16	Marketing/Labelling		:	
	Sr. No.	Parameters	:	Details
	1	Manufacturer's name	:	
		and recognized trade-		
		mark, if any:		
	2	Model number	:	
	3	Batch or code number,	:	
		or Sr. No. if any		
	4	Power rating, hp	:	
	5	Revolutions per minute	:	
		of the threshing drum		
		and its direction of		
		rotation		

Place:

Date:

Signature:\_\_\_\_\_

Name:\_\_\_\_\_

Designation:\_\_\_\_\_