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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	:				
	Input capacity, kg/h		Crop	Capacity, kg/h		
	Output capacity, kg/h	:	Crop	Capacity, kg/h		
	Year of Manufacture	:				

2	Power unit					
	a) Type of prime mower					
	b) Recommended power, hp	:				
2.1	Power Transmission					
	Method of transmission					
2.2	Propeller shaft					
	Туре	•				
	Length of shaft, mm					
	Maximum	:				
	Minimum Mass of shaft, kg					
	Provision of locking	:				
	H D: D					

Hub Dimension, mm Refer Fig 1 As per IS 4931:1995

Notations	As per IS:4931:1995,	As observed, mm	Remarks
	mm		
Dø	34.93 ± 0.03		
dø	29.7 ± 0.7		
W	8.69 (Min)		
В			

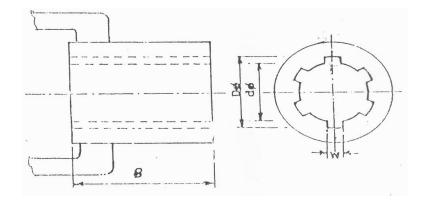
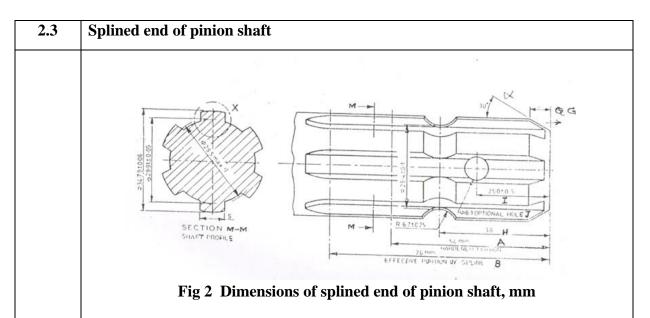


Fig 1 Hub dimensions, mm



Specification	As per IS: 4931- 2004	As observed	Remarks
Дφ	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		
A	54 (Min.)		
В	76 (Min.)		
I	25±0.5		
J (optional hole)	8.3		

3	Main Frame						
	Туре	:					
	Size, mm	:					
	Constructional details:						
4	Crops to be threshed						
	a) Main crop	:					
	b) Other crops	:					
5	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	:					
6	Threshing unit						
	Туре	:					
	Diameter, mm	:					
	Width, mm	:					
	Recommended speed, rpm	:					
	No. and size of bearing	:					
	No. and size of stud/wire loop/bar/	:					
	hammer						
7	Concave	1					
	Туре	:					

	I	1 1		
	Diameter, mm	:		
	Width, mm	:		
	Recommended concave clearance	:		
	Method of clearance adjustment	:		
	Method of fixing	:		
8	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	:		
9	Shaker			
	Туре	:		
	Number of strokes per minute	:		
	Drive	:		
	Number and type of bearings	:		
10	Blower	1 1		
	Number	:		
	Туре	:		
	Number of blades			
	1	<u> </u>		

11	Crop feeding		
	Number and type of bearing	:	
	Drive	:	
	Nos. & Size of inlet opening, mm	:	
	Size of outlet opening, mm	:	
	displacement		
	Provision for changing air		
	Recommended air displacement	:	
	Recommended speed, rpm	:	
	Diameter, mm	:	
	Size of blades, mm	:	

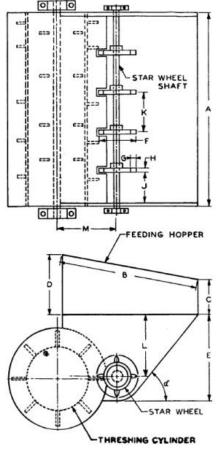


Fig 1 Feeding hopper with feed roller

11.1	Specifications of Hopper and Feed Roller (Refer Fig 1)					
	Sr.	Notation	As per IS: 9020-2002,		As measured,	Remarks
	No		mm	L	mm	
	1	A	400 mm more than the			
			length of thresh	ing cylinder		
			i.e. 470			
	2	В	900 (M	in.)		
	3	С	180 (M	in.)		
	4	D	340 (M	in.)		
	5	Е	75(Mi	n.)		
	6	F	280			
	7	G	45			
	8	Н	20			
	9	J	75			
	10	K	220			
	11	L	350			
	12	M	450			
	13	$\alpha \pm 5$	50±5			
	14	Sheet	1.6 (Min.)			
		thickness				
		cilitate eas				
	_		rop during the			
			ding chute shall			
	_		ounted on the			
	threshe					
			nall be provided	:		
		feeding chut				
		•	shall be so fixed :			
			that it is not			
		e to remove				
12			ximum feed rate	•		
14	Transp)OI t				
	Type			:		

	Number o	f wheels, Nos.	:	
	Size of wh	neels, inch	:	
	Wheel bea	nring	:	
	Size of wheel guard, mm		:	
	Type of towing arrangement			
13	Parking Stand:			
	Numbers of	of stand, Nos.	:	
	Size, mm		:	
	Nos. of ho	oles and distance between	:	
	two holes,	mm		
14	Flywheel			
	Number		:	
	Size, mm		:	
	Mass, kg		:	
15	Overall d	imensions		
	Length, mm		:	
	Width, mm		:	
	Height, mm		:	
	Ground cl	earance, mm	:	
	Total mass	s, kg	:	
16	Marketin	g/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: