

2.6

Gang angle:

FARM MACHINERY TESTING CENTRE

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SPECIFICATION SHEET OF TRACTOR OPERATED DISC HARROW

				
1.0	Ger	eneral		
	Nan	ame of machine		
	Nan	lame and address of manufacturer		
	Nan	Name and address of applicant		
	Sell	ing price in India	:	
2.1		g frame:	,	
	a)	Type and material	:	
	b)	Size of angle section, mm	:	
		Left gang		
		Length	:	
		Width	:	
		Right gang	I	
		Length	:	
		Width	:	
2.2	Wei	ght box::		
	a)	Type and material		
	b)	Number		
	c)	Size of scrapper (mm)		
	d)	Location		
	e)	Method of fixing		
	f)	Adjustment		
2.3		Scraper assembly:		
	a)	Type and material	:	
	b)	Number	:	
	c)	Size of scrapper (mm)	:	
	d)	Location	:	
	e)	Method of fixing	:	
0.4	f)	Adjustment	:	
2.4		g shaft:	I	
	a)	Type and material	:	
	b)	Length of shaft (mm)		
	c)	Dia. of shaft (mm)	:	
	d)	Length of threaded portion (mm)	:	
2.5	e)	Dia. of threaded portion (mm)	:	
2.5		c gang: Number		
	a) b)	No. & type of disc in each gang	:	
	c)	Bearings	:	
	d)	Method of mounting of each disc	:	
	e)	Size of bolt (mm)	-	
	<i>G)</i>	Length	:	
		Dia.	:	
		Pitch	-	
	f)	Method of changing the gang angle		
	g)	method of fixing one gang frame to	:	
	3/	another		

	a)	Angle made between axis of the gang and the line perpendicular to the direction of motion (deg.)	:			
2.7	Spool:					
	a)	Type and no. of spools	:			
	b)	Length (mm)	• •			
	c)	Diameter (mm)				
	d)	Material				
	e)	Dia. of spool with collar				
		Big end	•			
		Small end	• •			
		Middle of spool	:			
	f)	Method of mounting				
	g)	Type of key				
	h)	Size of key (mm)				
2.8	Bur	mper:				
	a)	Type	:			
	b)		i l	Size (mm)		
		Diameter	:			
		Thickness	:			
2.9	Cor	ncave disc:				

Sr.	Specification	Size
1	Type	
2	Make	
3	Material	
4	Dia. of disc (mm)	
5	Concavity (mm)	
6	Bevel angle	
7	Width of bevel edge (mm)	
8	Thickness of disc (mm)	
9	Thickness of bevel edge (mm)	
10	Type of centre hole	
11	Size of center hole (mm)	
12	Size of key hole (mm)	
13	Method of fixing	

2.10	Тур	e of hitch and its details :	
	a)	Type and material	:
	b)	Shape	:

Specification of Hitch Pyramid As per IS: 4468-1997 (Part-I)

Sr.	Dimension	Description	Measurement
	(Refer Fig.1)		
Uppe	er Hitch attachm	ents	
1	d_1	Diameter of hitch pin hole	
2	b' ₁	Width between inner faces of yoke	
3	b' ₂	Width between outer faces of yoke	
Low	er hitch points		
4	D_2	Dia. of hitch pin	
5	b' ₃	Linch pin hole distance	
6	1	Lower hitch point span	
Othe	Other dimensions		
Diameter of linch pin hole			

7	d	For upper hitch pin
8		For lower hitch pin
9	h	Mast height

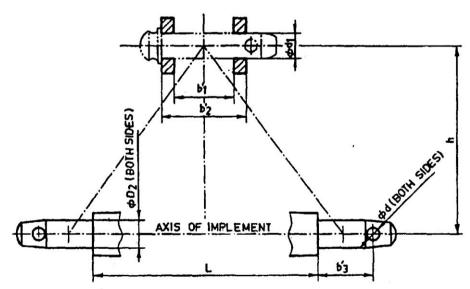


Fig. 1 : Implement Hitch Attachment

_	• " " ' ' '		
	,		
	Arrangement of transport		
1 ') 11	// rrangament at transport	•	

3	Overall dimensions (mm):				
	a)	Length			
	b)	Width	:		
	c)	Height	:		
	d)	Mass, (kg)	:		
4	Cole	or of implement	:		
5	Mat	erial used			

Sr.	Name of components	Material
1	Frame	
2	Gang axle	
3	Spool	
4	Scraper	
5	Gang angling mechanism	
6	Transport wheel	
7	Loading platform, if provided	
8	Draw bar /hitch	
9	Gang bearing	
10	Hitch pin	
11	Discs	

11	Discs	
Place:		
Date:		

Signature	:
Name	:
Designation	on: