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SPECIFICATION SHEET OF TRACTOR OPERATED DISC HARROW

1.0	C -	- ovol		
1.0		neral	:	
		me of machine	:	
		me and address of manufacturer	:	
		me and address of applicant	:	
	Sell	ing price in India	:	
2.1	Gar	ng frame:		
2.1	a)	Type and material	:	
	b)	Size of angle section, mm	Ė	
	U)	Left gang	•	
		Length	:	
		Width		
		Right gang	•	
		Length		
		Width	•	
2.2	Wei	ight box::	•	
2.2	a)	Type and material		
	b)	Number		
	c)	Size of scrapper (mm)		
	d)	Location		
	e)	Method of fixing		
	f)	Adjustment		
2.3		aper assembly:		
	a)	Type and material	:	
	b)	Number	:	
	c)	Size of scrapper (mm)	:	
	d)	Location	:	
	e)	Method of fixing	:	
	f)	Adjustment	:	
2.4	Gar	ng shaft:		
	a)	Type and material	:	
	b)	Length of shaft (mm)	:	
	c)	Dia. of shaft (mm)	:	
	d)	Length of threaded portion (mm)	:	
	e)	Dia. of threaded portion (mm)	:	
2.5	Disc	gang:		
	a)	Number	:	
	b)	No. & type of disc in each gang	:	
	c)	Bearings	:	
	d)	Method of mounting of each disc	:	
	e)	Size of bolt (mm)		
		Length	:	
		Dia.	:	
		Pitch	:	
	f)	Method of changing the gang angle	:	
	g)	method of fixing one gang frame to	:	

		another		
2.6	Gar	ng angle:		
	a)	Angle made between axis of the gang and	:	
		the line perpendicular to the direction of		
		motion (deg.)		
2.7	Spo	ol:		
	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	Bun	mper:		
	a)	Type	:	
	b)	Size (mm)		
		Diameter	:	
		Thickness	:	
2.9	Con	cave 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	Type 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 attachmen	nts	
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	
Lowe	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 line	ch pin hole			
7	d	For upper hitch pin			
8		For lower hitch pin			
9	h	Mast height			

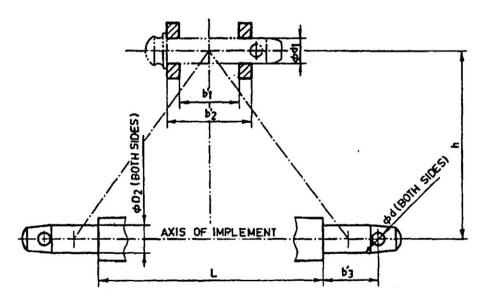


Fig. 1 : Implement Hitch Attachment

3	Ove	rall dimensions (mm) :		
	a)	Length	:	
	b)	Width	:	
	c)	Height	:	

	d) Mass, (kg)	:	
4	Color of implement	:	
5	Material used		

Arrangement of transport

2.11

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	

6	Transport wheel	
7	Loading platform, if provided	
8	Draw bar /hitch	
9	Gang bearing	
10	Hitch pin	
11	Discs	
Place: Date:		
		Signature:
		Name :

Designation: