



**Farm Machinery Testing and Training Centre**  
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**SPECIFICATION SHEET OF TRACTOR OPERATED DISC PLOUGH**

1.0	<b>General</b>	:	
	Name of machine	:	
	Name and address of manufacturer	:	
	Name and address of applicant	:	
	Selling price in India	:	
2.1	<b>Frame:</b>		
	a) Type and material	:	
	b) Size of angle section, mm	:	
	Left gang		
2.2	<b>Disc flange holder:</b>		
	a) Type and material	:	
	b) Size of angle section, mm	:	
2.3	<b>Scraper assembly:</b>		
	a) Type and material	:	
	b) Number	:	
	c) Size of scrapper (mm)	:	
	d) Location	:	
	e) Method of fixing	:	
	f) Adjustment	:	
2.4	<b>Adjustment lever:</b>		
	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)	:	
	f) Method of fixing	:	
	g) Adjustment	:	
2.5	<b>Furrow wheel:</b>		

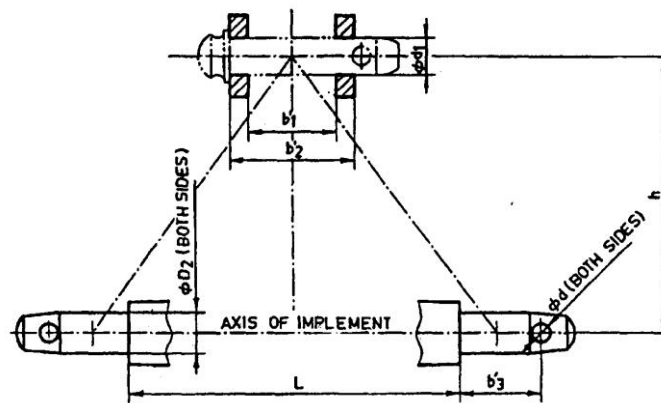
	a)	Number	:	
	b)	Type and material	:	
	c)	Size	:	
	d)	Method of fixing	:	
	e)	Adjustment		
.2.6	<b>Land wheel:</b>			
	a)	Number	:	
	b)	Type and material	:	
	c)	Size	:	
	d)	Method of fixing	:	
	e)	Adjustment		
2.7	<b>Loading platform:</b>			
	a)	Type and material	:	
	b)	Size	:	
	c)	Method of fixing	:	
	d)	Adjustment	:	
2.8	<b>Loading mass:</b>			
	a)	Type and material	:	
	b)	Size	:	
	c)	Method of fixing	:	
	d)	Adjustment	:	
2.9	<b>Concave disc:</b>			
	<b>Sr.</b>	<b>Specification</b>	<b>Size</b>	
	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	
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2.10	<b>Type of hitch and its details :</b>		
	a)	Type and material	:
	b)	Shape	:

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

Sr.	Dimension (Refer Fig.1)	Description	Measurement
Upper Hitch attachments			
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	
Lower hitch points			
4	$D_2$	Dia. of hitch pin	
5	$b'_3$	Linch pin hole distance	
6	$l$	Lower hitch point span	
Other dimensions			
	Diameter of linch pin hole		
7	$d$	For upper hitch pin	
8		For lower hitch pin	
9	$h$	Mast height	



**Implement Hitch Attachment**

2.11	Arrangement of transport	:	
<b>3</b>	<b>Overall dimensions (mm) :</b>		
	a)	Length	:
	b)	Width	:
	c)	Height	:
	d)	Mass, (kg)	:
<b>4</b>	<b>Color of implement</b>		:
<b>5</b>	<b>Material used</b>		

<b>Sr.</b>	<b>Name of components</b>	<b>Material</b>
1	Frame	
2	Disc flange holder	
3	Scraper	
4	Adjustment lever	
5	Furrow wheel	
6	Land wheel	
7	Loading platform	--
8	Cross bar /hitch	
9	Loading mass	
10	Hitch pin	

Place:

Date:

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

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

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