



Farm Machinery Testing, Training and Demonstration Centre

Department of Farm Machinery and Power Engineering,
College of Agricultural Engineering, JNKVV, Jabalpur, M.P.
Phone and Fax: (0761) 2681415, Email: jnkvvtesting@gmail.com



SPECIFICATION SHEET OF TRACTOR OPERATED DISC PLOUGH

1.0	General	
	Name of machine	:
	Name and address of manufacturer	:
	Name and address of applicant	:
	Selling price in India	:
2.1	Frame:	
	a) Type and material	:
	b) Size of angle section, mm	:
	Left gang	
2.2	Disc flange holder:	
	a) Type and material	:
	b) Size of angle section, mm	:
2.3	Scraper assembly:	
	a) Type and material	:
	b) Number	:
	c) Size of scrapper (mm)	:
	d) Location	:
	e) Method of fixing	:
	f) Adjustment	:
2.4	Adjustment lever:	
	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	Furrow wheel:	
	a) Number	:
	b) Type and material	:
	c) Size	:
	d) Method of fixing	:
	e) Adjustment	:
.2.6	Land wheel:	
	a) Number	:
	b) Type and material	:
	c) Size	:
	d) Method of fixing	:
	e) Adjustment	:
2.7	Loading platform:	
	a) Type and material	:
	b) Size	:
	c) Method of fixing	:
	d) Adjustment	:
2.8	Loading mass:	
	a) Type and material	:
	b) Size	:
	c) Method of fixing	:
	d) Adjustment	:

2.9 **Concave disc:**

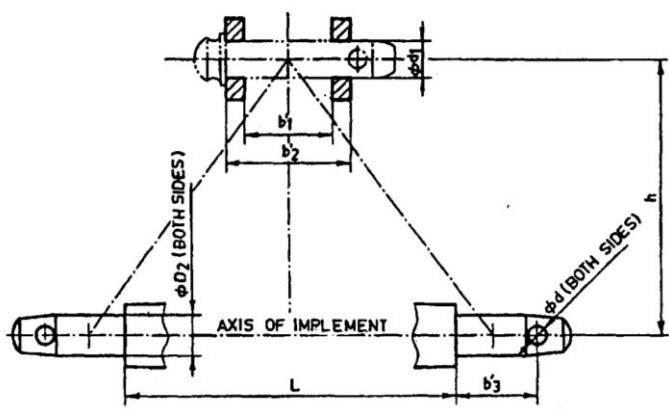
Sr.	Specification	Size
1	Type	
2	Make	
3	Material	
4	Dia. of disc (mm)	
5	Concavity (mm)	
6	Bevel angle	
7	Width of bevel edge (mm)	
8	Thickness of disc (mm)	
9	Thickness of bevel edge (mm)	
10	Type of centre hole	
11	Size of center hole (mm)	
12	Size of key hole (mm)	
13	Method of fixing	

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

Sr.	Name of components	Material
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: _____