



FARM MACHINERY TESTING CENTRE

Department of Agricultural Engineering,
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SPECIFICATION SHEET OF M.B. PLOUGH / REVERSIBLE M.B. PLOUGH

1.0	General	
	Name of the implement	
	Address of Manufacturer	
	Name & Address of Applicant	
2.0	Technical Specifications	
	Type of implement	
	Make	
	Model	
	Serial Number	
	Size of plough (mm)	
	Year of manufacture	
	Recommended prime-mover	
3.0	Constructional Details	
3.1	Main frame	
	Type of material	
	Length	
	Width at front & rear	
	Method of fixing standard	
3.2	Standard	
	Material	
	Projected length	
	Width at top/middle/bottom (mm)	
	Thickness at top/middle/bottom	
	No., size & spacing of holes for fixing frog	
	No., & size of holes for fixing to frame	
	Method of fixing	
3.3	Plough bottom	
	Type	
	Material of construction	
	Size of plough	
	Size (Length x width x Thickness) (mm)	
	Vertical suction	
	Horizontal suction	
3.4	Mould Board	
	Type	

	Material	
	Size (Length x width x Thickness)	
	Angle of inclination of mould board along the direction of travel	
	No. & size of hole on mould board	
	Method of fixing	
3.5	Share	
	Type	
	Material	
	Size (thickness)	
	No. & size of holes on share	
	Method of fixing share to the bottom	
3.6	Share nose	
	Type	
	Size (mm)	
	Angle of penetration (deg)	
3.7	Share Bar	
	Type	
	Material	
	Size (mm)	
3.8	Landside	
	Type	
	Material	
	Size (thickness)	
	No. & size of holes on landside	
	Method of fixing landside to frog	
3.9	Braces	
	Numbers	
	Material & Size	
	No. & size of holes for each brace	
	Method of fixing	
3.10	Frog	
	Type	
	Material & Size	
	No. & size of holes on frog	
4.0	Reverse mechanism	
	Type	
	Construction	
4.1	Reversing lever	
	Number	
	Material	
	Diameter & Projected curved length	
	Method of fixing	
4.2	Reverse lever holder	
	Number	

	Material & Size	
	Dia. of reverse lever holder pin hole	
	Dia. of reverse lever holder hole	
	Method of fixing reverse lever holder	
4.3	Reverse lever lock pin pipe	
	Constructional details	
	Material & Size	
4.4	Reverse lever lock pin	
	Material & Size	
4.5	Reverse lever pin spring	
	No. of spring	
	Length & diameter	
	No. of coils	
4.6	Main shaft	
	Constructional details	
	Method of fixing	
5.0	Three point linkage	
	Constructional details	

Sr.	Dimension	Description (Refer Fig.)	Dimension in mm
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	

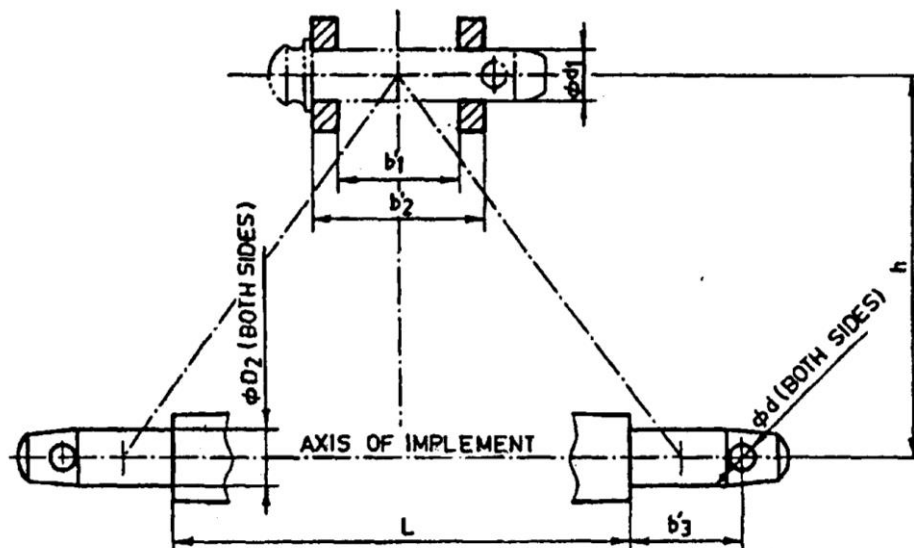


Fig. : Implement Hitch Attachment

6.0	Overall dimensions (mm)	
	Length x Width x Height	
7.0	Mass of implement (kg)	
8.0	Colour	
9.0	Other specific details, if any	

Place:

Date:

Signature : _____

Name : _____

Designation: _____