



**DEPARTMENT OF FARM MACHINERY AND POWER ENGINEERING
COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY
CCS HARYANA AGRICULTURAL UNIVERSITY
HISAR-125004, HARYANA**



Phone:01662-255447

e-mail: fpm@hau.ernet.in

<http://hau.ernet.in>

hau.machinerytesting@gmail.com

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	$b\phi_1$	Width between inner faces of yoke	
3	$b\phi_2$	Width between outer faces of yoke	
Lower hitch points			
4	D_2	Dia of hitch pin	
5	$b\phi_3$	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	

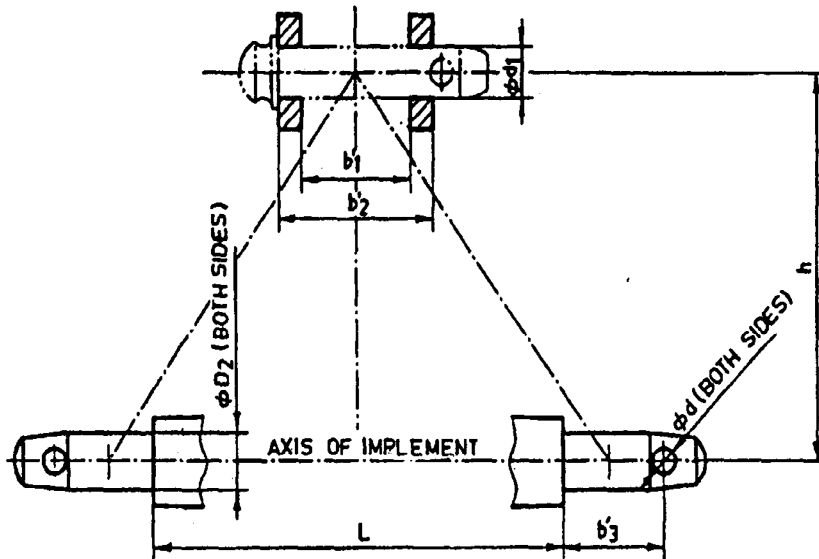


Fig. : Implement Hitch Attachment

6.0	Overall dimensions (mm)	:	
	Length \times Width \times Height	:	

7.0	Mass of implement (kg)	:	
8.0	Colour	:	
9.0	Other specific details, if any	:	

Place:

Date:

Signature: _____

Name : _____

Designation: _____