

### Features

- Sub Soiler is primary tillage deep plough working up to 55 cm depth approx.
- To ensure development of crop root system of proper depth and environment.
- The subsoiler increase natural fertility of soil as deep tillage provides enough circulation of air , moisture and sunlight into soil.
- It is an inexpensive implement and it provided a simple and economical way to obtain boosting crop yield.
- Depth can be adjusted by leg hole & top links .
- Shear bolt protection available in all sub soiler
- Adjustable width of ploughing available for sub-soiler.

Description	1 Tyne Sub Soiler	2 Tyne Sub Soiler	3 Tyne Sub Soiler
Main Frame Size mm	BOX Frame 100x100		
Type Mounting	Three Point Hitch Linkage (Cat II)"		
Overall length, mm	860	860	860
Overall Width, mm	850	1340	1450
Overall Height, mm	1470	1470	1470
Weight,(Kg)	165	225	300
Recommended Tractor Power (HP)	45 - 55	55 - 65	65 - 80
Working Depth range (mm)	550 (Depends On soil moisture and field condition)		
Tyne Size mm / Shovel Material	150 x 25 / EN8		

**Note :** Since product improvement is a continuous process, specifications & details provided are subject to change without prior information.

**Bhansali Agricultural Implements Pvt. Ltd.**

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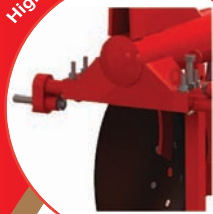
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3 Point linkage

Round Heavy Duty High bar with locking

Boron Disc & Scraper

Colter Disc



### Features

- In conformity with the soil conditions it is being produced with 2, 3, 4 & 5 bottom versions.
- It is directly mounted to the tractors
- Extra Heavy-duty pipe frame has high trash clearance allowing the plough to operate under heavy crop residue.
- It is used to open the new fields and to process the stony areas.
- It can be used easily at rocky and rooted areas.
- It is especially useful in hard and dry trashy land conditions and in soils where scouring is a major problem.
- High quality bearings and hubs ensure smooth operation and put minimum load on the tractor.
- High quality seals prevent the entry of mud and water into the bearings and hubs.

Description	2 Disc	3 Disc	4 Disc	5 Disc
Mounting CAT	Cat II			
Main Frame	OD 168mm Tubular			
Disc Size (Material)	660 mm x 5/6 mm thk(High Carbon or Boron Steel)			
Type Of Disc	Plain Disc			
Colter Wheel (Dia)	20"			
Axel Type (Dia )/Material	30 mm / EN			
Working Width Range (mm Approx.)	600-700	751-840	841-980	981-1020
Working Depth Range (mm Approx.)	150-250 (Depends On soil moisture and field condition)			
Spacing Between Disc (mm)	560			
Overall dimension (mm) (L x W x H)	1865x950x1250	2400 X 1040 X 1250	3015x1340x1250	3630x1640x1250
Weight (Approx. in Kgs)	285	385	515	600
Suitable HP Range	35 to 50	50 to 70	70 to 80	90 to 100

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Colter disc Arrangement

Housing Assembly

Boron Disc

3 Point linkage

## Hydraulic Reversible Disc Plough



### Features

- A . This Hydraulic Reversible disc plough is the most suitable and versatile to work on slopes because it is not necessary to open or close plowing frames, providing high plowing quality and performance, which can also be used for the construction of contour lines.
- B. It has multiple disc adjustments, such as height, swivel and inclination, ensuring the best adjustment for each soil type
- Leveling adjustments are simple to perform giving you an even cut at the appropriate depth, thus increasing your productivity in the field.
- Another feature is the reinforced chassis and the reduced amount of moving parts resulting in lowered maintenance costs.

Description	2 Disc	3 Disc
Mounting CAT	Cat II	
Main Frame	Sq. Frame 100 X 100	
Size of Disc	660 x 5/6 mm thk	
Type Of Disc	Boron Steel	
Colter Wheel (Dia)	20"	
Overall dimension (mm) (L x W x H)	1260 X 950 X 1862	1260 X 1270 X 2300
Axel Type (Dia)/Material	30mm/EN 8	
Working Width Range (mm Approx.)	600-750	751-840
Working Depth Range (mm)	150-250 (Depends On soil moisture and field condition)	
Spacing Between Disc (mm)	560	
Suitable HP Range	35-50	55-70

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## Hi-Tech Hydraulic Reversible MB Plough (B)

3 Point linkage Of Casting

Easy to adjust plough

Shear bolt arrangement

Heavy duty frame



### Features

- It has a pair of Two & Three sets of mould board ploughs which can be changed or reversed to work in both directions. And its reversible action makes the ploughing operation faster & more economical.
- Reversing of the Furrow easily done by hydraulic actuation mechanism.
- Since Two Furrows are used it reduces ploughing time.
- It perform the function of deep opening and loosening of soil.
- It lifts the soil-clod and throws it on the soil surface breaking the soil-clod into smaller particle size.
- The plough is capable for infinite angle adjustment for left hand and right hand work.
- The plough is protected against damage by an additional shear bolt device. Same plough can be used for various width of cut

Description	2 Bottom	3 Bottom (2+1)
Size of Board in inch	12, 14, 16	
width of Cut in (Inches)	20, 24, 28	30, 36, 42
Depth of Cut (Inches)	9 - 16	
Size of frame mm	HD Sq. pipe 95 X 95 mm	
Material of Shear Bar & Land slide	Boron Steel	
Material of Shear plate	Boron Steel	
Actuation of change of Board	Hydraulic	
Safety	Shear Bolt	
Weight (Approx.) in Kgs	435	610
Suitable HP Range	50-60	70-90

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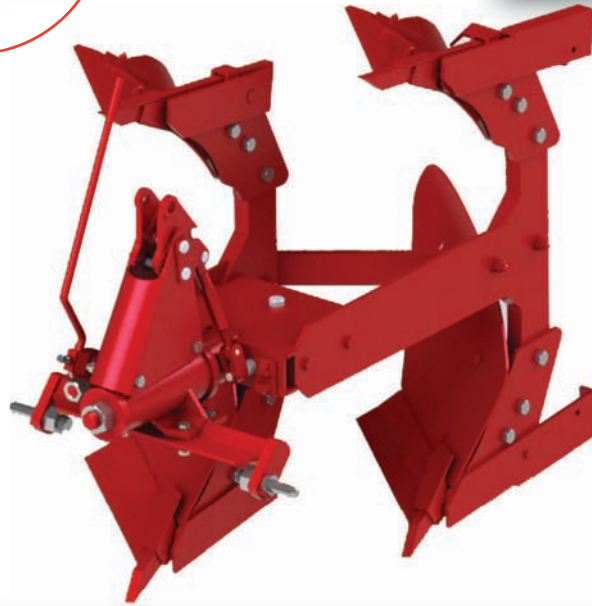
Long Lasting, Wear resistant bar point

Long Lasting, Wear resistant Shear plate

Handel to turn furrow

3 Point Linkage

## Manual Reversible MB Plough



### Features

- Reversible Mb Plough is a specially designed agricultural implement used for turning the soil levels up side down, incorporating soil residues and making available more fertile layer for the new crop. It provides deep seed bed preparation with proper aeration and drainage. MB Plough is used as a primary tillage implement for soft and hard soils.
- It has a pair of two sets of Mould board ploughs which can be changed or reversed to work in both direction
- Reversing of the Furrow easily done by tilting of a handle bar.
- It is easily used for deep-opening and loosening of the soil.
- It lifts the soil-cold and throws it on the soil surface breaking the soil-cold into smaller particle size

Description	2 Bottom			
	10	12	14	16
Size of Board in (inch)	10	12	14	16
Depth of Cut inch	8 to 12			
Leg thickness mm	40			
Bearing	32211/C/NA 4917			
Main shaft (Ø in mm)	90			
Size of Main Frame	Channel 75 X 40 mm			
Material of Shear Bar & land slide	EN 45			
Bottom thickness (mm)	10			
Material of Shear Point	EN 8			
Actuation of change of Board	Manual			
Weight (Approx.) in Kgs	260	315	350	380
Suitable HP Range	35 to 45		45 to 55	

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H.D. Main Frame

Point Bar

Shear plate

3 Point linkage & H.D. Main Frame

# Mould Board Plough



## Features

- Bottom Mould Plough are tractor drawn conventional implement being widely used for primary tillage operations.
- Mould Board Plough can work & useful in very hard soil conditions and in soils where securing is a problem
- Made for high quality material and helps in better inversion of soil. The plough has special wear-resistant steel blade with bar points for toughest ploughing jobs.
- Low maintenance cost.
- Increase tractor stability.
- Bar point bottom ensures longer life as it can be extended or reversed and reused till the last possible length.

Description	2 MB Plough	3 MB Plough	4 MB Plough
Furrow	2	3	4
Complete width of Cut in (Inch)	24"	36"	48"
Mounting CAT	Cat II		
Overall dimension mm (L X W X H)	1370 X 920 X 1030	1700 x 1140 x 1030	2200 x 1340 x 1030
3 Point Linkage Flat	75 X 12T		
Depth of Cut (Inch)	8 to 12		
Beam thickness (mm)	100 X 20	100 X 25	
Material of Shear Bar	40 X 25 (EN 45)		
Material of Shear Point	EN 8		
Total Weight (Kgs. Approx.)	230	320	425
Suitable HP Range	45 to 55	55 to 70	70 to 90

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