

## Compact Model Disc Harrow



Bearing Hub



Gang Angle Adjustment Handle



Combination of Plain & Notched Disc



Highly Adjustable Draw Bar

### Features & Benefits

- ♦ Heavily weighted gangs provide excellent stability -compatible with a variety of tractors.
- ♦ Can be used for both, surface disc harrowing (superficial ploughing) and intensive deep ploughing.
- ♦ Used in open field working for shattering of clods, preparation of soil for sowing and burial of organic substances and crop residue.
- ♦ Can be used in both - mounted and trailed configurations depending on user needs.
- ♦ Easy gang adjustment to change the cutting depth and to get the perfect level finish.
- ♦ Easy to transport in mounted condition using the tractor lift.
- ♦ Available with the options of high carbon steel discs and high quality boron steel discs with 48-52 HRC hardness.
- ♦ High quality bearings and hubs ensure smooth operation and put minimal load on the tractor.

DESCRIPTION	BECMDH-16	BECMDH-18	BECMDH-20	BECMDH-22	BECMDH-24
FRAME	Square tube 100X100X6mm & 80X80X6mm				
GANG BOLT / AXLE TYPE	Solid Square 32mm (Rod)				
NO. OF DISC	16	18	20	22	24
TYPE OF DISC/ BLADE	Boron steel & High carbon steel				
DISC DIAMETER (mm)	610, 660mm & thickness 4~6mm				
DISC SPACING	228mm (9")				
BEARING HUBS	6	8			
PULL TYPE	Mounted or Trailed (Both)				
GANG ANGLE ADJUSTMENT	Semi automatic & Hydraulic				
WIDTH OF CUT (mm - Approx)	1912	2125	2345	2562	2778
WEIGHT (Kg. Approx)	785	875	965	1055	1145
TRACTOR POWER (HP)	50~60	65~75	80~90	100~110	115~135
*The weight and working data contained here are supplied for information only and are not binding. Specification and size can be altered as part of ongoing product modification / improvement.					

## Disc Ridger



3 Point Linkage



Vertical Height & Cutting Angle  
(Dual Angle Adjustment)



Boron Steel Disc



Bearing Hub

### Features & Benefits

- ◆ The discs of disc ridgers are adjustable along the frame to vary bund (Ridge) width and height.
- ◆ The disc angle is also easily adjustable.
- ◆ Available with the option of high carbon alloy steel discs or high quality boron steel disc with 48-52 HRC hardness.
- ◆ Heavy duty box type frame capable of operating in tough conditions.
- ◆ Available in one row and two row ridged type seed bed maker with 2-discs and 4-discs respectively.
- ◆ Size and depth of the ridge can be adjusted.
- ◆ High quality bearings and hubs ensure smooth operation and put minimal load on the tractor.
- ◆ High quality seals prevent the entry of mud and water into the bearings and hubs.

DESCRIPTION	BEHDDR-1	BEHDDR-2
FRAME (mm)	100X6 & 60X6 mm Square tube	
AXLE TYPE	Forged spindle	
NO. OF DISC	2	4
TYPE OF DISC / BLADE	Concave disc Plain & Notched (Boron & High carbon steel )	
DISC DIAMETER (mm)	610, 660, 710mm & thickness 4~8mm	
BEARING HUBS	2	4
3-POINT LINKAGE / CATEGORY	CAT-I & CAT-II	
PULL TYPE	Mounted	
WIDTH OF CUT (mm- Approx)	950	1425
WEIGHT (Kg. Approx)	224	435
TRACTOR POWER (HP)	35~ 50	50~ 75

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# Heavy Duty Hydraulic Harrow



Heavy Duty Frame



Leaf-Spring + Tyre Assembly  
For Smooth Transportation



Gang Angle Lock



Tyre Locking System

## Features & Benefits

- ♦ Designed to work easily in tough operating conditions.
- ♦ Can be used for both, surface disc harrowing (superficial ploughing) and intensive deep ploughing.
- ♦ Used in open field working for shattering of clods, preparation of soil for sowing and burial of organic substances and crop residue.
- ♦ Easy to transport on the tires using the hydraulic system.
- ♦ The long lasting and reliable tires and hydraulic mechanism enable the operator to control the cut depth and facilitate in easy transportation.
- ♦ Available with the options of high carbon steel discs and high quality boron steel discs with 48-52 HRC hardness.
- ♦ High quality bearings and hubs ensure smooth operation and put minimal load on the tractor.
- ♦ High quality seals prevent the entry of mud and water into the bearings and hubs.

DESCRIPTION	BEHDHH-20	BEHDHH-22	BEHDHH-24	BEHDHH-28	BEHDHH-32
FRAME	Square tube 132X132X6mm & 100X100X6mm				
GANG BOLT / AXLE TYPE	Solid Square 40mm (Rod)				
NO. OF DISC	20	22	24	28	32
TYPE OF DISC/ BLADE	Boron steel & High carbon steel				
DISC DIAMETER (mm)	610, 660mm & thickness 4~6mm				
DISC SPACING	228mm (9")				
BEARING HUBS	8				
PULL TYPE	Trailed				
TYRE SIZE	10.0/75-15.3 & 12.5/80-15.3 (8 to 22 PR)				
GANG ANGLE ADJUSTMENT	Manual				
WIDTH OF CUT (mm - Approx)	2300	2500	2700	3100	3500
WEIGHT (Kg. Approx)	1630	1760	1845	2015	2170
TRACTOR POWER (HP)	80~90	90~110	115~135	140~165	170~190

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## Mould Board Plough



Profile Cut Single Piece Tynes



Mould Board



Heavy Duty Square Drawbar



High Quality Blade and bar point

### Features & Benefits

- ◆ Mould Board Ploughs are designed to work in all types of soils and can be used easily in hard soils and in rocky and rooted areas.
- ◆ Mould Board Ploughs can handle the toughest ploughing jobs with ease.
- ◆ Equipped with special wear-resistant alloy steel blades and bar points.
- ◆ Compatible with a variety of tractors.
- ◆ Equipped with special wear-resistant alloy steel blades and bar points.
- ◆ The high quality bar points can be moved in their slot for complete utilization.
- ◆ Heavy duty frame with high ground clearance makes it easy for the plough to work in fields with a lot of crop residue.
- ◆ Boron steel bar points for a much longer life.
- ◆ Available in 2, 3 and 4 bottom configurations .

DESCRIPTION	BEMBP-2	BEMBP-3	BEMBP-4
FRAME (mm)	72X6 Square tube		
TYNES	Fabricated One Piece 36mm		
NO. OF TYNES & FURROW	2	3	4
BAR POINT	Boron Steel 32mm Solid Square Bright Bar		
MOULD BOARD	8 mm		
3-POINT LINKAGE / CATEGORY	CAT-I & CAT-II		
LENGTH (mm - Approx)	1320	1880	2440
WEIGHT (mm - Approx)	1110	1270	1430
HEIGHT (mm - Approx)	1160		
WIDTH OF CUT (mm - Approx)	610	910	1210
WEIGHT (Kg. Approx)	225	340	350
TRACTOR POWER (HP)	35~50	50~75	75~90

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## Mounted Disc Plough



Heavy Duty Scrapper



Stand For Easy Storage



Coulter + Shocker Disc Assembly



Heavy Duty Drawbar

### Features & Benefits

- ◆ Disc Ploughs are designed to work in all types of soils and can be used easily in hard soils & in rocky and rooted areas.
- ◆ Disc Ploughs can handle the toughest ploughing jobs with ease.
- ◆ Available with the option of high quality Boron steel discs that last much longer than regular steel discs.
- ◆ Heavy duty pipe frame with high ground clearance makes it easy for the plough to work in fields with a lot of crop residue.
- ◆ Especially useful in hard and dry trashy land, stony soil conditions and in soils where scouring is a major problem.
- ◆ Available in 2, 3, 4 and 5 bottom configurations.
- ◆ Coulter disc + shocker assembly keeps the plough perfectly aligned.

DESCRIPTION	BEMDP-2	BEMDP-3	BEMDP-4	BEMDP-5
FRAME (mm)	Seamless tubular frame (OD-168, ID-146)			
AXLE TYPE	Forged spindle			
NO. OF DISC	2	3	4	5
TYPE OF DISC / BLADE	Boron steel & High carbon steel			
DISC DIAMETER (mm)	610, 660, 710mm & thickness 4~8mm			
DISC SPACING (mm)	570mm (23" Approx)			
BEARING HUBS	2	3	4	5
MOUNTED CATEGORY	Cat-II			
WIDTH OF CUT (mm - Approx)	500~550	875~925	1150~1200	1575~1625
WEIGHT (Kg. Approx)	310	415	510	620
TRACTOR POWER (HP)	50~60	65~80	85~100	105~125
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# Mounted Offset Disc Harrow



Bearing Hub



3 Point Linkage with Adjustment Rod



Gang Adjustment



Combination of Plain & Notched Discs

## Features & Benefits

- ◆ Heavily weighted gangs provide excellent stability - ideal for 35 HP to 100 HP tractors.
- ◆ Suitable for soft and medium soil conditions.
- ◆ Used in open field working for shattering of clods, preparation of soil for sowing and burial of organic substances and crop residue.
- ◆ Easy gang adjustment to get the perfect level finish.
- ◆ Easy to transport in mounted condition using the tractor lift.
- ◆ Available with the options of high carbon steel discs and high quality boron steel discs with 48-52 HRC hardness.
- ◆ High quality bearings and hubs ensure smooth operation and put minimal load on the tractor.
- ◆ High quality seals prevent the entry of mud and water into the bearings and hubs.

DESCRIPTION	BEMODH-12	BEMODH-14	BEMODH-16	BEMODH-18	BEMODH-20	BEMODH-22	BEMODH-24
FRAME	100X50 Channel, 75X10 Angle & 72X72X5 Square tube						
GANG BOLT / AXLE TYPE	Solid Square 32mm (Rod)						
NO.OF DISC	12	14	16	18	20	22	24
TYPE OF DISC/ BLADE	Notched disc in front gang & Plain disc in rear gang (Boron & High carbon steel )						
DISC DIAMETER (mm)	460, 508 & 560 Dia. & thickness 3~5mm						
DISC SPACING	228mm (9")						
BEARING HUBS	4		6		8		
PULL TYPE	Mounted						
GANG ANGLE ADJUSTMENT	Manual						
WIDTH OF CUT (mm - Approx)	1420	1635	1852	2068	2285	2502	2718
WEIGHT (Kg. Approx)	390	430	500	575	615	676	731
TRACTOR POWER (HP)	30~40	40~50	50~60	60~70	70~80	80~90	90~100
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## Non-Tipping Trailer



### Features & Benefits

- ♦ High grade hub, axle and bearings ensure long life of the trailer.
- ♦ Easily transportable as it gets easily hitched to any tractor.
- ♦ Heavy duty frame ensures greater strength and stability.
- ♦ Well designed for towing and loading stability.
- ♦ Removable and drop down door provides flexibility of loading and unloading.
- ♦ Fitted with high quality stiff leaf spring suspension system which improves its shock absorbing capacity.
- ♦ Wide tubeless tires.
- ♦ Available in a variety of sizes.

DESCRIPTION	BEAT4WNT-5T	BEAT4WNT-9T	BEAT4WNT-12T
OUTER DIMENSIONS	10x6x1.75 feet (3048x1828x534mm)	12x6x2 feet (3658x1828x610mm)	14x7x2 feet (4270x1828x610mm)
MAIN CHASSIS (mm)	150x75		
FLOOR SHEET (mm)	4		
SIDE WALL SHEET (mm)	2 (Corrugated)		
TYRES	4 nos. of 7.50x16		2 nos. of 7.50x16, 2 nos. of 9.00x16
HITCH BEAM (mm)	75x40	100x50	100x50
RING HITCH (mm)	50 Dia.		
AXLE (mm)	75 Square (Front & Rear)		75 Square (Front), 90 Square (Rear)
AXLE BEARING (SKF)	32214 inner and 32213		
WEIGHT (Kg. Approx.)	1550	1720	2000
TRACTOR POWER (HP)	50~70	70~90	90~110
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## Sub Soiler



3 Point Linkage



High Quality Shovels



Heavy Duty Frame



Depth Adjustment

## Features & Benefits

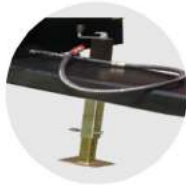
- ◆ The angled wings lift and shatter the hard pan that builds up due to compaction.
- ◆ Adjustable depth & width. Available in 1, 2 and 3 Arm sizes.
- ◆ Optional wide range of roller/ crumbler available, which help in breaking bigger lumps into smaller pieces. It also helps in depth control and steady run of the Sub Soiler.
- ◆ Optional pipe layer attachment available for 1 arm Sub Soiler.
- ◆ Improves soil drainage. Improved soil water retention during dry season. Greatly reduced risk of water run-off during heavy rain.
- ◆ Improves soil fertility. By improving water penetration soil nutrients are more easily available to the plant.
- ◆ Reversible & replaceable sloped point. Corrosion-resistant, powder-coat paint ensures long product life.

DESCRIPTION	BESS-1	BESS-2	BESS-3
LENGTH (MM)	510	550	830
WIDTH (MM)	660	1220	1520
HEIGHT (MM)	1060~1370		
TYNE (MM)	150X25		
NO. OF TYNE	1	2	3
3 POINT LINKAGE	CAT-II		
ACCESSORIES (OPTIONAL)	CRUMBLER		
CRUMBLER	33.7X25 mm ROUND PIPE		
CRUMBLER LENGTH (MM)	650	1220	1530
WEIGHT WITH CRUMBLER (KG.)	150 (approx.)	245 (approx.)	430 (approx.)
WEIGHT WITH OUT CRUMBLER (KG.)	68 (approx.)	195 (approx.)	280 (approx.)
POWER REQUIRED (HP)	35~50	60~75	75~90

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## Tipping Trailer



Vertical Screw Jack For  
Easy Parking



Break Light Reflectors &  
Indicators



Telescopic Hydraulic  
Cylinder



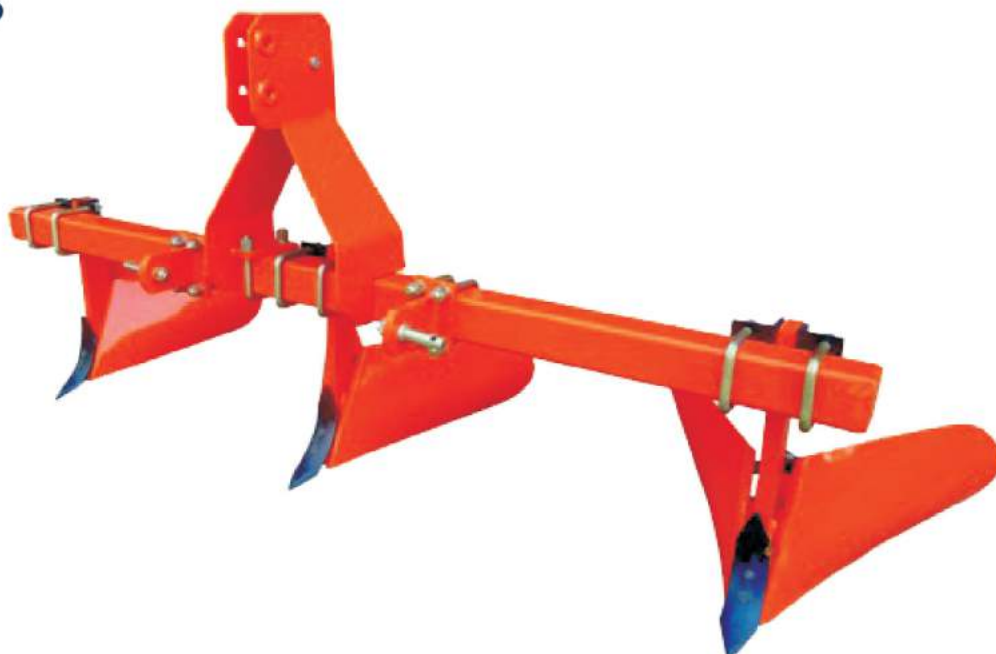
Detachable Drawbar For  
Increase Load Ability

## Features & Benefits

- ◆ Flexibility of loading/unloading by simply tipping the trailer & saves overall operating cost of transportation.
- ◆ High grade hub, axle, bearings and tipping mechanism ensure long life of the trailer.
- ◆ Easily transportable as it gets easily hitched to any tractor.
- ◆ Well designed for towing and loading stability. Wide tubeless tires. Available in a variety of sizes.
- ◆ Heavy duty frame ensures greater strength and stability.
- ◆ Reliable and heavy duty hydraulic cylinder that works under varying work conditions.
- ◆ Removable and drop down door provides flexibility of loading and unloading.
- ◆ Fitted with high quality stiff leaf spring suspension system which improves its shock absorbing capacity.

DESCRIPTION	BEAT2WT-3TON	BEAT2WT-5TON	BEAT2WT-9TON
OUTER DIMENSIONS	8x6x2 Feet (2435x1828x610 mm)	10x6x2 Feet (3048x1828x610 mm)	12x6x2 Feet (3658x1828x610 mm)
MAIN CHASSIS (mm)	125x65	150x75	200x75
FLOOR SHEET (mm)	4		
SIDE WALL SHEET (mm)	3 (Corrugated)		
TYRES	7.50x16, 9.00x16		
RING HITCH (mm)	50 Dia.		65 Dia.
HYDRAULIC CYLINDER CAPACITY	10 Ton		15 Ton
AXLE (BRAKE OPTIONAL) (mm)	75 Square		90 Square
AXLE BEARING	32214 Inner and 32211 Outer		32017 Inner and 32211 Outer
WEIGHT (kg. Approx.)	1014	1180	1553
TRACTOR POWER (HP)	30~50	50~70	70~90
LEAF SPRING (OPTIONAL)	36"		42"
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## Tyne Ridger



### Features & Benefits

- ◆ Tyne Ridgers quickly and economically make simple soil ridges.
- ◆ The furrows can be easily spaced (widened or narrowed) as per the crop requirement.
- ◆ The wings angle can be changed as per requirement.
- ◆ These are mostly used for making ridges for plantation of vegetables, sugarcane & for similar purposes.
- ◆ Heavy duty pipe box type frame capable of operating in tough soil conditions.
- ◆ Depth of the Ridger could be adjusted with the side tires.
- ◆ Available sizes are in 2, 3 and 4 furrow, with and without tire facility.

DESCRIPTION	BETR-3	BETR-4
FRAME ( mm)	Heavy duty box frame	
MAST HEIGHT	21" (533mm)	
OVERALL LENGTH (Inch/mm)	109" (2768mm)	145"(3683mm)
3 POINT LINKAGE	CAT - II	
FASTENERS	High Tensile	
NO. OF TYRE(optional)	2	
WEIGHT WITH TYRES (Kg.)	330 (approx)	400 (approx)
POWER REQUIRED (HP)	40~50	50~65
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