

COMPACT DISC HARROW



FEATURES

- Compact disc harrow used in open working field for ploughing and make the field ready for sowing.
- It can be used in both mounted as well as trailed.
- Equipped with high quality boron steel disc with 48-52 HRC hardness.
- Easily transportable as it get easily attached and detached with tractors.
- Available with plain as well as in notched discs.
- Tillage depth of the harrow is from 150 - 200 mm.
- High quality bearings ensure smooth operation with minimum load on tractor.
- High quality seals ensure the prevent of mud and water into bearings for long life.

Description	ACC-14	ACC -16	ACC-18	ACC-20
Gang Bolt / Axle (mm)	32 (Solid Square rod)			
No. of Discs	14	16	18	20
Type pf Discs	Notched disc in front gang & plain disc in rear gang			
Disc diameter (mm)	610 x 4.75 T & 660 x 6 T			
Width of cut (mm) Apprx	1635	1882	2130	2350
Disc spacing (mm)	228			
Bearing hubs	6		8	
Weight (Kgs) Apprx	845	965	1020	1100
Tractor (HP)	50-60	60-70	70-80	90-100

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DISC PLOW

FEATURES

- AC disc plough is designed to work in all field conditions for basic function like soils breaking, soils turning, soils raising and soils mixing
- It is used to open in virgin land and to work strongly in hilly and stony areas
- Available in plain as well as in notched discs
- It is designed to work in toughest field conditions with minimum load on tractor
- It is directly mounted on the tractor three point linkage
- Specially designed bearing hub with taper roller bearing

DESCRIPTION	AC - 2B	AC - 3B	AC-4B	AC-5B
Number of Discs	2	3	4	5
Type of discs	Boron Steel			
Disc diameter (mm)	610,660 & 710 mm with 4-8mm thickness			
Disc spacing (mm)	570			
Bearing hubs	2	3	4	5
Width of cut (mm)	500-550	875-930	1150-1200	1570-1630
Weight (Kgs)	320	425	515	625
Tractor (HP)	50-60	70-80	85-110	105-125



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DISC RIDGER

FEATURES

- It can produce ridge with maximum width of 1000 mm.
- Available in 2 bottoms & 4 bottoms to make one ridge & two ridges respectively.
- It has heavy duty box type frame.
- High quality boron steel disc with 48-52 HRC hardness.
- Size and depth of the ridge can be adjusted.

Description	GDR2	GDR4
Frame (mm)	102x102x7 (Square Tubular Frame)	
Axle Type	Spindle	
No of Disc	2	4
Type of Disc	Notched or Plain Disc (Optional)	
Disc Diameter (mm)	660x6	
Maximum Width Between Ridges (mm)	1000	
Ridge Height (Max.MM)	330	
Bearing Hubs	2	4
Weight (Approx in Kg.)	224	435
Tractor Power (HP)	50-65	70-90

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HEAVY DUTY SPRING LOADED TILLER



FEATURES

- Suitable for light and medium field conditions.
- Designed for working in hard field condition with high performance.
- Heavy duty spring loaded assemblies ensures for loosening and aerating soil to a depth of 8".
- Prepare seed beds in lesser time quickly & economically.
- Available in 7tyne / 9 tyne / 11 tyne heavy duty.

DESCRIPTION	AC-7	AC-9	AC-11	AC-13
Tynes (mm)	50X25 FORGED			
Width of cut (mm)	1455	1920	2360	2714
Height (mm)	580			
Total Length (mm)	1715	2010	2455	2885
3 Point Linkage (mm)	50 x 16			
Weight (Kgs) appr	215	260	315	385
Tractor (HP)	30-35	40-45	50-60	70-80

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MOUNTED MOULD BOARD PLOUGH



FEATURES

- MB plough is designed to work in all type of soil, stubble & fallow soil, loosen of soil, breaking of soil & turning of soil.
- Bar points having longer life as they can be extended till the last possible length.
- MB Plough has special wear -resistant steel blade for long life.
- The frame is strong structure with sufficient rigidity to with stand heavy loads.

Description	AC-2	AC-3	AC-4
Frame (mm)	72x6 Square Tube		
No of Tynes	2	3	4
Bar Point	Boron Steel 32 mm Solid Square		
	Bright Bar		
Mould Board	8 mm		
3-Point Linkage/Category	CAT - I & CAT - II		
Length (Approx in mm)	1320	1880	2440
Width (Approx in mm)	1110	1270	1430
Height (Approx In mm)	1160		
Width of Cut (Approx in mm)	610	910	1210
Weight (Kg.Approx.)	225	340	370
Tractor Power (HP)	35-50	50-75	75-90

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MOUNTED OFFSET DISC HARROW



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- Mounted offset disc harrow used in open working field for ploughing, preparation of soil for sowing.
- It can be used in light and medium soil.
- Equipped with high quality boron steel disc with 48-52 HRC hardness.
- Easily transportable as it get easily attached and detached with tractors.
- Available with plain as well as in notched discs.
- Tillage depth of the harrow is 125-180 mm.
- High quality bearings ensure smooth operation with minimum load on tractor.
- High quality seals ensure the prevent of mud and water entry into bearings for long life.

Description	AC-12	AC-14	AC-16	AC-18	AC-20	AC-22	AC-24
Gang Bolt / Axle (mm)	75x10 Angle Frame, 100x50 Channel						
No. of Discs	12	14	16	18	20	22	24
Type pf Discs	Notched disc in front gang & plain disc in rear gang						
Disc diameter (mm)	560 and 580 with 4-6mm thickness						
Width of cut (mm) Apprx	1420	1635	1852	2070	2285	2502	2718
Disc spacing (mm)	230 mm						
Bearing hubs	4		6		8		
Weight (Kgs) Apprx	390	430	500	575	615	675	730
Tractor (HP)	30-40	40-50	50-60	60-70	70-80	80-90	90-100

REVERSIBLE MOULD BOARD PLOUGH



FEATURES

- Reversible Mould Board plough used toughest ploughing jobs. For extremely hard ground and soil with large roots and other obstructions, one can get outstanding penetration performance.
- Special heat treated parts for long life
- Strong rigid section frame and large body
- Easy drawbar adjustment • Strong turnover axle • Hydraulic turnover mechanism

DESCRIPTION	AC - 1B	AC - 2B	AC - 3B
Number of Furrow	1	2	3
Tyne Thickness	25mm		
Depth of cut (Inch)	15-20"		
Working width (mm)	600		
Turover Mechanism	Hydraulic		
Overall Width (mm)	865	1040	1225
Overall Height (mm)	1270		
Width of cut (mm)	350	680	910
Weight (Kgs)	270	440	630

ROTARY DISC HARROW



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FEATURES

- This can be used both for surface ploughing and intensive deep ploughing.
- Heavy duty PTO shaft with shear bolt.
- Fast, economical and easy in ploughing solution.
- Sealed bearings avoid prevent moisture and mud entry and make the long life of machine.
- The tractor takes minimum load while working even in toughest conditions.
- Available in plain disc as well as notched disc of boron steel.

DESCRIPTION	AC-7	AC-8	AC-9
Number of Discs	7	8	9
Disc diameter (mm)	600		
Distance between discs (mm)	160		
Type of Discs	Plain		
Transmission	Gear Drive		
Cutting Width (mm)	1140	1280	1425
Weight (Kgs) Apprx	425	450	475
Tractor HP	40-45	45-50	50-60

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ROTARY TILLER



FEATURES

- Robust design for long life and high performance.
- Boron Steel blades which last more life than other material blades.
- Available in L and C type blade options for good pulverization.
- Heavy duty oil dipped side gear drive for working in all field conditions.
- Sealed bearings avoid mud/moisture for long life of machine.
- Heavy duty PTO shaft with shear bolt for gear box protection.

DESCRIPTION	AC-100	AC-125	AC-150	QC-175	AC-200	AC-225	AC-275	AC-345
RPM	540 RPM / 1000 RPM MULTI SPEED							
TILLAGE WIDTH (cm/inch)	100/39	125/49	150/59	175/69	200/78	225/88	275/108	343/135
GEAR BOX	MULTI SPEED							
SIDE TRANSMISSION	GEAR DRIVE							
NO. OF FLANGES	4	5	6	7	8	9	10	11
TYPE OF BLADES	L / C							
NO. OF BLADES	30/42	36/48	42/54	48/60	54/66	60/72	66/78	72/84
GEAR BOX SAFETY PROTECTION	SHEAR BOLT							
WEIGHT (Kgs.)	300	375	445	476	510	530	585	650
TRACTOR (HP)	30-40	40-45	45-55	50-60	60-75	65-80	75-90	85-110

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SUB SOILER



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- The Sub soiler / chisel plough are deep tillage implements specially designed for breaking up hard pan layers and loosening the subsoil allowing better drainage and root growth.
- It increases soil turnover by reaching deeper organic matter layers.
- Optional wide range of roller which helps in breaking bigger lumps to smaller clods. Also it helps in depth control and steady run of the chisel plough.
- High quality wear-resistant steel used for the shovel, which gives it a long life in the toughest conditions.
- The heavy duty pointed chisel shatters the soil well below the surface, thus increasing the water holding capacity.
- Specially designed tyne is capable of penetrating up to 550 mm deep.
- Depth can be adjusted easily by top links

DESCRIPTION	AC - 1	AC - 2	AC - 3
Number of tyne	1	2	3
Tyne (mm)	150 x 25mm Thickness		
Working depth (mm)	550		
Length (mm)	510	550	830
Width (mm)	660	1220	1525
Height (mm)	1060-1360		
Weight (Kgs)	95	195	280
Tractor (HP)	40-55	60-75	80-95