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IMPLEMENTS

Tough & Reliable



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SUB SOILER



Main Frame & 3 Point linkage



Shovel



Hardening Bush



Shear bolt protection

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.

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.



CLAMP TYPE CULTIVATOR



Main Frame & 3 Point linkage



Forged Tyne



Shovel & Forged Tyne



V clamp For Easy adjustment

Features

- Main frame is made up of 65 mm square duly reinforced by several central supports.
- Thicker tynes to restrain from sudden impact loads.
- Sharp edged points to give easier and deeper penetrations with effective uprooting of crop residue and cutting of heavy soil clods at any soil conditions.
- Provision for spacing adjustments between tynes to be useful for various soil conditions and various crops.
- Sharp edged Reversible shovels that gives deeper penetrations at any soil conditions and can be reversed and used on the other side after complete wear of one side.
- Can be used for uprooting after cutting crops or primary tillage operations before Sowing.

DESCRIPTION	7 Tyne	9 Tyne	11 Tyne	13 Tyne	15 Tyne
Mounting CAT (Flat)	Cat II (75 X 12)				
Main Frame mm	65 x 65 Sq. Pipe				
Size of Tyne (Material)	25mm Thickness.(EN8)				
OverAll: LXWXH (Approx. mm)	900 X 1610 X 965	900 x 2020 x 965	900 x 2475 x 965	900 X 2932 X 965	900 x 3390 x 965
Shovel (Material)	8 mm (EN - 42)				
Working Width Range (Approx. mm)	1400	1856	2312	2768	3224
Spacing Between Tyne (mm)	228 (Adjustable)				
Weight (Approx. in Kgs)	180	230	280	330	380
Suitable HP Range	35 to 55		55 to 70		70 to 90

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

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ADJUSTABLE TYPE CULTIVATOR



3 Point linkage
& Main frame



Shovel



Bracket for
easy adjustment



Forged Tyne

DESCRIPTION	7 Tyne	9 Tyne	11 Tyne	13 Tyne	15 Tyne
Mounting CAT	CatII				
Main Frame	50 x 50 mm Solid Bar Frame				
Size of Tyne (Material)	25mm Thickness.(EN8)				
Overall dimension (L X W X H) mm	900 X 1565 X 1170	900 X 2020 X 1170	900 X 2475 X 1170	900 X 2930 X 1170	900 X 3385 X 1170
Tyne Type	Adjustable Tyne				
Shovel (Material)	8 mm (EN - 42)				
Working Width Range (Approx. mm)	1400	1950	2312	2768	3224
Spacing Between Tyne	230				
Weight (Approx. in Kgs)	294	356	418	556	610
Suitable HP Range	35 - 50		55 - 70		70 - 80

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

Features

- Main frame is made up of 50 mm solid square duly reinforced by several central supports.
- Tynes can be moved laterally and vertically Rear Tynes have wider shovel points to give better tillage.
- By minor adjustment, extra attachment the CULTIVATOR can be converted into ridger .
- “Adjustable Tyne CULTIVATOR” is multipurpose heavy duty CULTIVATOR.
- Adjustable type cultivator is used for secondary tillage such as stir and pulverize the soil.

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RIGID TYPE CULTIVATOR



Main Frame & 3 Point linkage



Shovel & Forged Tyne



Forged Tyne



Hardening Bush

DESCRIPTION	5 Tyne	7 Tyne	9 Tyne	11 Tyne	13 Tyne	15 Tyne
Mounting CAT	Cat II					
Main Frame	75 x 40 or 100 x 50 Channel Frame					
Size of Tyne (Material)	25mm Thickness.(EN8)					
Tyne Type	Rigid Type					
Shovel (Material)	8 mm (EN - 42)					
Over All: L x W x H (mm)	635 x 1130 x 965	635 X 1610 X 965	790 X 2020 X 965	790 X 2540 X 965	790 X 2995 X 965	790 X 3450 X 965
Width Of Cut (mm Approx.)	950	1400	1950	2312	2768	3224
Spacing Between Tyne	230					
Weight (Approx. in Kgs)	115	135	210	252	292	350
Suitable HP Range	35 - 50		55 - 70		70 - 80	

Features

- The cultivators loosens and aerates the soil to a depth of 9 inches.
- Extra Heavy Duty Rigid CULTIVATOR is designed for toughest operations.
- It is suitable for various soil conditions.
- It is multipurpose heavy duty CULTIVATOR.
- The tynes used in this CULTIVATOR have been cut at precise angles which ensure that the CULTIVATOR penetrates the land effectively with minimum load on the tractor. The tynes used in this CULTIVATOR have thickness which is matched to the soil conditions of the end-user

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

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SPRING LOADED CULTIVATOR



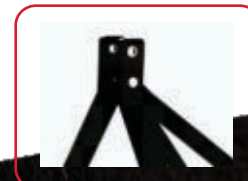
Shovel & Forged Tyne



Main Frame & 3 Point linkage



Spring



Hardening Bush

DESCRIPTION	7 Tyne	9 Tyne	11 Tyne	13 Tyne	15 Tyne
Mounting CAT	Cat II (75 X 12)				
Main Frame mm	75 X 40 Channel, 65 x 65 x 5mm support angles for tynes		100 x 50 mm Channel, 65 x 65 x 6mm support angles for tynes		
Size of Tyne (Material)	25mm Thickness.(EN8)				
Number of Coils (Nos)	Spring Coils (50)				
Over All: LXWXH (Approx. mm)	900 X 1610 X 965	900 x 2020 x 965	900 x 2475 x 965	900 X 2932 X 965	900 x 3390 x 965
Number of Spring	14	18	22	26	30
Shovel Thickness mm (Material)	8 mm (EN - 42)				
Working Width Range (Approx. mm)	1400	1856	2312	2768	3224
Spacing Between Tyne	230				
Weight (Approx. in Kgs)	225	280	340	393	425
Suitable HP Range	35 - 50		55 - 70		70 - 80

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

Features

- Spring loaded Tyne assemblies derive their strength from heavy duty angles which once fixed to the immensely strong main frame cannot move or strain out of position.
- "Extra Heavy Duty Type Spring Loaded CULTIVATOR" is designed for toughest operations.
- It is suitable for hard top soil ,uproot stubbles and leaves.
- Provision for spacing adjustments between tines to be useful for various soil conditions and various crops.
- It can give the depth up to 7 to 9 inches in hard soil.
- The spring-loaded tines swing back under break-away pressure of 163Kg; pass over the obstruction and return to the working position without affecting the working depth of the implement.

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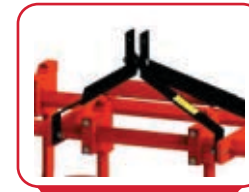
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INTER CULTIVATOR



3 Point Linkage



Bracket for Easy Adjustment



Point Bar



Hardening Bush

Description	Inter Cultivator
Number of Tynes	5
Mounting CAT	Cat II
Main Frame	50 X 50 Solid Bar
Size of Tyne (Material)	25mm Thickness. EN8
Number Of Clamp	5
Shovel (Material)	8 mm (EN - 42)
Working Width Range (Approx. mm)	2000 (Adjustable)
Weight (Approx. in Kgs)	170
Suitable HP Range	35 - 50

Features

- It is used to perform of inter cultivation & weeding operations in between rows of crops in a single pass
- The adjustable Tynes and shovels are used for pulverizing the bottom of furrow.
- Working depth adjustable
- An inter cultivator cum earthing up equipment was developed and fitted to a standard tractor drawn ridger. Three number of sweep type blades are affixed to the ridger frame for accomplishing the weeding operation in between standing rows of crops. Three ridger bottom fitted behind the sweep blade, work on the loosened soil mass and aid in earthing up by forming ridges and furrows. Weeding efficiency is 61 per cent.

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

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CULTIVATOR DUCK FOOT



Main Frame & 3 Point Linkage



Shovel



Tyne



Hardening Bush

Description	Cultivator Duck Foot
Number of Tynes	5
Mounting CAT	Cat II
Main Frame	Sq. 65 X 6
Size of Tyne (Material)	30 mm Thickness.
Shovel (Material)	8 mm (EN-8)
Over All: Length x Width x Height (mm)	840 X 2000 X 1090
Working Width Range (Approx. mm)	2000
Weight (Approx. in Kgs)	208
Suitable HP Range	35 - 50

Features

- Duck-foot cultivator is widely used in the black-cotton type soil.
- It is used for final field preparations and finer pulverization of the top soil immediately before sowing.
- It operates at light chisel plough.
- This cultivator is precisely manufactured by using the best grade raw material and modern technology.
- Useful for Cultivating the Land immediately after harvesting.
- Can cultivate land upto 6 inches & helpful in removal of left over weeds.

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DISC PLOUGH



Colter Disc



3 Point linkage



Round Heavy Duty Hingebar with locking



Boron Disc & Scraper

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	981-1120
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	3630x1460x1250
Weight (Approx. in Kgs)	285	385	515	600
Suitable HP Range	35 to 50	50 to 70	70 to 80	90 to 100

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

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.

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HYDRAULIC REVERSIBLE DISC PLOUGH



3 Point linkage



Boron Disc



Housing Assembly



Colter disc Arrangement

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

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

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.

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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

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	415	540
Suitable HP Range	50-60	70-90

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

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.
- Since Two Furrows are used it reduces ploughing time.
- It perform the function of deep opening and loosing 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



MANUAL REVERSIBLE MB PLOUGH



3 Point Linkage



Handel to turn furrow



Long Lasting, Wear resistant Shear plate



Long Lasting, Wear resistant bar point

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	

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

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



MOULD BOARD PLOUGH



H.D. Main Frame



Point Bar



Shear plate



3 point linkage

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

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

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.

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CHISEL PLOUGH / RIPPER



Model	CS - 5
Width (mm)	2150
Length (mm)	1120
Height (mm)	1270
Working Depth(mm)	400
Working Width (mm)	1800
Number Of Tyne	5
Weight,(Kg)	495
Recommended Tractor Power (HP)	Above 65

Features

- Chisel Plough is primary tillage deep plough working up to 40 cm depth approx.
- To ensure development of crop root system of proper depth and environment.
- The Chisel Plough 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 Chisel Plough
- Adjustable width of ploughing available for Chisel Plough

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DISC HARROW ANGLE FRAME TYPE



Main Frame & 3 Point linkage



Boron Disc



Bearing Housing With Greasing Point



Gang adjustment on U clamp

Description	12 Disc	14 Disc	16 Disc	18 Disc	20 Disc	22 Disc	24 Disc
Type of mounting	Three point Hinged Linkage (CAT II)						
Disc Dia (mm) (Optional)	560 ,610						
Disc Type	Front: Notched, Rear: Plain						
Frame (mm)	75 X 75 (Angle Frame)						
Disc Spacing (mm)	225						
Gang Axle (mm)	32 mm						
Width of Cut (mm) (Adjustable)	1220	1450	1680	1930	2220	2450	2650
Bearings Hub	4		4		6		8
Suitable HP Range	35 - 50		50 - 60		60 - 70		80 - 90

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

Features

- Offset Disc Harrow is tractor hydraulic operated implement which trails behind the tractor and effectively breaks up clods with deeper penetration due to its heavy weight and design. Both disc gangs are offset at an angle to ensure no soil remains uncut and heavy crop residue with organic matter is effectively buried. Provision of handle screw enables it for the adjustment of inclination required for the disc penetration depth hence suitable for different cutting depths for varying soil conditions.
- In addition the implement being easily attached and transportable in top speeds, little time is lost between the shed and the field.
- Due to high quality built up and strong design and maintenance is low.
- High Quality Boron steel discs Tillage depth of the harrow is 4-6 inch
- 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.



DISC HARROW CHANNEL FRAME TYPE



Main Frame & 3 Point linkage



Boron Disc



Bearing Housing With Greasing Point



Gang adjustment on U clamp

Description	12 Disc	14 Disc	16 Disc	18 Disc	20 Disc	22 Disc	24 Disc	28 Disc
Type of mounting	Three Point Linkage (CAT II)							
Disc Dia (mm) (Optional)	560 ,610 ,660							
Disc Type	Front: Notched, Rear: Plain							
Frame (mm)	75 X 40(Channel Frame)							
Disc Spacing (mm)	225							
Maximum Depth (mm)	100 - 150 (Depends on soil moisture and field conditions)							
Gang Axle(mm)	32 mm							
Width of Cut (mm) (Adjustable)	1220	1450	1680	1930	2220	2450	2650	2780
Bearings Hub	4	4	6	8	8	8	8	8
Suitable HP Range	35 - 50	40 - 55	50 - 60	60 - 70		80 - 90		

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

Features

- Offset Disc Harrow is tractor hydraulic operated implement which trails behind the tractor and effectively breaks up clods with deeper penetration due to its heavy weight and design. Both disc gangs are offset at an angle to ensure no soil remains uncut and heavy crop residue with organic matter is effectively buried.
- In addition the implement being easily attached and transportable in top speeds, little time is lost between the shed and the field.
- Due to high quality built up and strong design and maintenance is low.
- High Quality Boron steel discs
- Tillage depth of the harrow is 6 inch and can be adjusted with help of angle adjustment.
- 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.



COMPACT DISC HARROW



Bearing Housing With Greasing point



3 Point linkage & Toebar



Boron Disc



Gang angle adjustable on handle.

Features

- It can be used in both forms i.e. mounted as well as trailed.
- High quality boron steel disc with 48~52 HRC hardness.
- Tillage depth of the harrow is 150~200 mm.
- Easily transportable – as it gets easily attached and mounted.
- Adjustable gang axles angle up to 46°.
- 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	16 Disc	18 Disc	20 Disc	22 Disc
Type of mounting	Three point Hinged Linkage (CAT II)			
Disc Dia (mm)(Optional)	560, 610, 660			
Disc Type	Front: Notched, Rear: Plain			
Frame	100 X 100			
Disc Spacing (mm)	230			
Maximum Depth (mm)	150-200 (Depends on soil moisture and field conditions)			
Gang shaft	32 sq. Bar			
Width of Cut (mm) (Adjustable)	1900	2100	2220	2450
Bearings Hub	6	8	8	8
Suitable HP Range	50 - 60	60 - 70		80 - 90

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

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CENTER TYRE DISC HARROW



Bearing Housing With Greasing point



Boron Disc



Toe Bar System



Tyre Assembly Easy To Transport

Description	18 Disc	20 Disc	22 Disc	24 Disc	28 Disc
Type of mounting	Three Point Hitch Linkage (CAT II)				
Disc Dia (mm) (Optional)	660 / 610 / 560				
Disc Type	Front : Notched , Rear : Plain				
Frame	100 X 100 mm		125 X 125 mm		
Disc Spacing (mm)	228.619				
Maximum Depth (mm)	150-200 (Depends on soil moisture and field conditions)				
Width of Cut & Shaft (mm)	(Adjustable), 50 X 50				
Bearing Hub	4		8		
Tyre Size	8.25 X 16 Type				
Suitable HP Range	70-90	90-140		140-165	

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

Features

- Designed to work easily in tough operating conditions. Can be used for both, surface disc harrowing (superficial ploughing) and intensive deep ploughing.
- Easy to transport on the tyres using the hydraulic system.
- The long lasting and reliable tyres and hydraulic mechanism enable the operator to control the cut depth and facilitate in easy transport.
- Due to center tyre moving from one place to another place is balance and easy.
- 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.

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COMPACT DISC HARROW WITH REAR TYRE



Description	16 DCHRT	18 DCHRT	20 DCHRT	22 DCHRT	24 DCHRT	28 DCHRT
Number of Disc	16	18	20	22	24	28
Type of Mounting	Three-point Hitch Linkage (CAT II)					
Disc Dia, mm (Optional)	560, 610, 660					
Disc Type	Front: Notched, Rear: Plain					
Frame, mm	100 × 100 (square pipe Frame)					
Disc Spacing, mm	230					
Maximum Depth, mm	150-200 (Depends on soil moisture and field conditions)					
Gang Axle, mm	32 mm sq. bar					
Width of Cut, mm (Adj.)	1920	2150	2350	2350	2780	2995
Weight, Kgs	860	980	1030	1030	1150	1270
Bearings Hub	6					8
Suitable HP Range	50-60	60-70	60-70	80-90	90-100	90-100

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

Features

- It can be used in both forms i.e. mounted as well as trailed.
- High quality boron steel Disc with 48~52 HRC hardness.
- Tillage depth of the harrow is 150~200 mm.
- Easily transportable - as it gets easily attached and mounted.
- Adjustable gang axles angle up to 46°.
- 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
- Optional wheels are provided for easy transportation

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TANDEM DISC HARROW



Description	12 Disc	16 Disc	18 Disc	20 Disc
Type of mounting	Three - point Hitch Linkage (CAT II)			
Disc Dia, mm	560, 610 (Optional)			
Disc Type	Front: Notched, Rear: Plain			
Frame, mm	100 x 100 with 100 x 50 mm main channel			
Disc Spacing, mm	225			
Maximum Depth, mm	100 - 150 (Depends on soil moisture and field conditions)			
Width of cut and shaft, mm	32 x 32 (Adjustable)			
Bearings Hub	8			
Weight, kgs	325	420	490	575
Width of cut, mm	1420	1820	2260	2720
Suitable HP Range	35 - 40	45 - 50	50 - 55	55 - 60

Features

- Tandem Disc harrow is designed in cross Disc angle. It is easy to use in tight corners because of its X type design Suitable for hard and medium soil conditions.
- Its heavy duty frame & heavy weight helps to break the clods. 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.
- High quality steel Discs.
- Tillage depth of the harrow is 6 inch. Maintenance is easy but need to be scheduled.
- Easily transportable as it gets easily attached and mounted.

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

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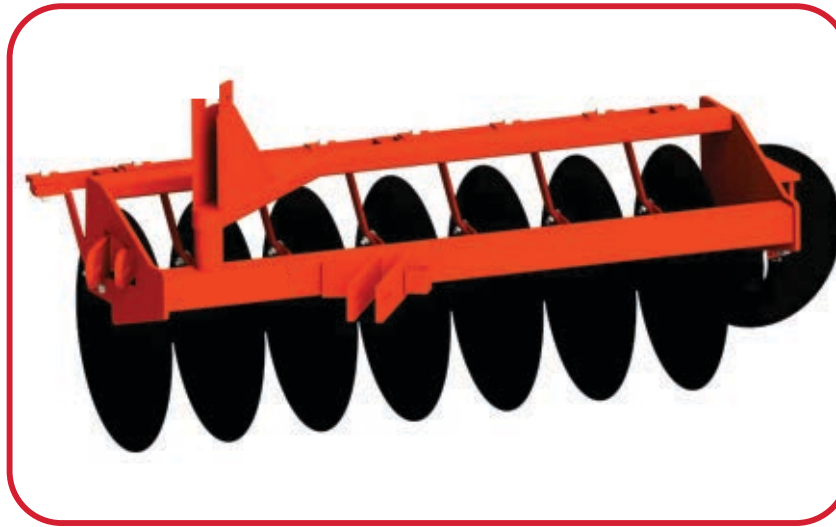
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POLY DISC HARROW



Main Frame & 3 Point linkage



Cotter Disc



Heavy duty Spool



Quick Adjustable scraper

DESCRIPTION	5 Poly Disc	6 Poly Disc	7 Poly Disc
Mounting CAT	CatII		
Main Frame	Sq. Pipe 100 X 100		
Size of Disc mm (Optional)	610, 660		
Type Of Disc	Plain Disc , Boron Steel		
Axel Type (mm)	60 mm		
Working Depth Range (mm)	152 – 304 mm (Depends on soil moisture and field conditions)		
Spacing Between Disc (mm)	225 or 250		
OverAll: Length x Width x Height (mm)	2016 X 1270 X 1150	2286 X 1270 X 1150	2555 X 1270 X 1150
Weight (Approx. in Kgs)	400	470	510
Suitable HP Range	35-50	55-70	70-80
Ball Bearing	32209		
Bearing Housing	2 Nos. (SG iron)		

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

Features

- Poly disc plough to tractor with three-point linkage system. The poly disc plough is designed specifically for paddy field & root instead , sticky , stony and hard soil.
- The machine can also fit for dry-land. poly disc plough is used for chopping of stems and mixing with soil after harvesting. After using of plough on the field, you can use this disc plough for breaking of clods and crumbling of soils. Our poly disc plough is also used on all kinds of soils for making of seed bed, seeding bed, chopping of weeds, mixing of organic and inorganic fertilizers with soil and aeration as easily.
- It is ideal for rain feed areas for checking soil erosion by water and wind.
- 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.

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ROTAVATOR



Description	1 m	1.2 m	1.5 m	1.8 m	2.1 m
Gear Box :	Single / Multi speed Gear Box*				
Input RPM /Rotor RPMs :	540 or 1000 / 180 to 240				
No. of Blades :	24	30	36	42	48
Type of Blades / Material	L Type/c Type Boron Steel				
No. of flange :	5	6	7	8	9
Blades Arrangement :	6 Blades on inner flanges & 3 Blades on end flanges				
Side Drive :	Gear Type/Chain Type				
Working Depth (depending on soil)	Min : 120 mm - Max : up to 210 mm				
Anti Loosening	Nylock Nuts provided as a standard fitment				
Weight (Kg)	250	280	355	467	490
Suitable for HP :	20 - 25	35 - 45	45 - 55	55 - 65	65 - 75

Features

- This Rotary CULTIVATOR is Tractor PTO driven machine used for puddling the soil before rice transplantation, chopping and mixing of green manure, crop residue and stubbles into the soil to make it more fertile. As a secondary tillage implement, it prepares fine to accurate seed-bed in one go for sowing any type of crop.
- The drive to the blades from the gear box is by shaft and rugged gears to give long life and reliability.
- Choice of L-Blades, Spike-Blades.
- Adjustable mounting brackets.
- Single Speed / Multi Speed gear box.
- Spring loaded adjustable trailing board.
- Choice of chain drive or gear drive.
- Rotor speed standard 210 R.P.M. optional 235 R.P.M.
- Automatic spring loaded chain tensioner.

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REVERSE / FORWARD ROTAVATOR



MODEL	WORKING WIDTH	RPM	HP	WEIGHT APPROX.	NO. OF BLADES
SAPL28	28 inch	540	15-27	150	18
SAPL35	35 inch	540	15-27	160	22
SAPL38	38 inch	540	15-27	170	24

Features

- Reverse/Forward Rotavator series is specially designed for compact and small tractors 15 to 27 HP tractors it is particularly used for seed bed preparation, gardening and all kind of horticulture.
- This multi-functional Rotavator is side chain drive is giving best output of both side of application. Universal attachments system of the rotary tiller makes it more suitable of all kind of mini tractors.

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



FOR REVERSE APPLICATION

- Reverse Side Rotavator Is Suitable For 15 to 27 HP
- Reverse Application In This Rotavator Is Useful To Throw The Soil To The Crop To Make Bed.
- It Is Used In Sugarcane, Banana, Pomegranate, Grapes, Orange, Papaya, Cotton Etc...
- Side Chain Drive With Manual Tensioner Is Proper Mechanism For Reverse Application.
- Rotor With "J" Type Blade Is The Best Optional To Throw Soil On The Crop.



FOR FORWARD APPLICATION

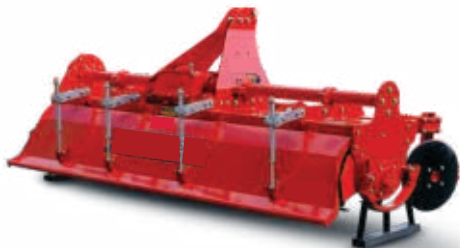
- Forward Side Rotavator Is Suitable For 15 to 27 HP Tractors.
- STANDARD Rotor "J" Type Blade for Best Option For Land Preparation before Seeding.
- Side Chain Drive with Manual Tensioner – Less Maintenance.
- Extra Ordinary Design And Powder Coating Make It More Powerful In The Field.

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ROTAVATOR SERIES MODELS

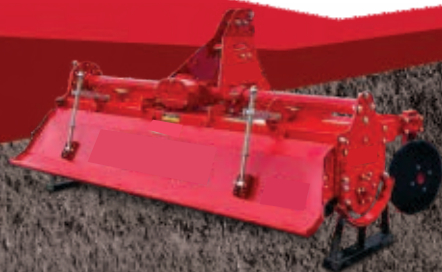
CLASSIC SERIES



MODEL	DRC - 4	DRC - 5	642	DRC - 7	DRC - 8	DASMESH-966	DASMESH-1072
SIZE	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET
OVERALL LENGTH (MM)	1414	1719	2024	2329	2633	2938	3243
OVERALL WIDTH (MM)	970						
OVERALL HEIGHT (MM)	1120						
3-POINT HITCH TYPE	CAT - II						
WORKING WIDTH (MM)	1219	1524	1829	2134	2438	2743	3048
NO. OF BLADES	30	36	42	48	60	66	72
TRACTOR POWER REQUIRED (HP)	35-40	40-45	45-50	50-60	60-70	65-70	70-75
SIDE TRANSMISSION TYPE	GEAR DRIVE						
MAX WORKING DEPTH (MM)	152						
ROTOR TUBE DIAMETER (MM)	89						
ROTOR SWING DIAMETER (MM)	498						
WEIGHT (KG)	395	450	510	530	610	655	700



PRIME SERIES



MODEL	DRP - 5.5	DRP - 6	DRP - 6.5	DRP - 7
SIZE	5.5 FEET	6 FEET	6.5 FEET	7 FEET
OVERALL LENGTH (MM)	1852	2052	840	2141
OVERALL WIDTH (MM)	840			
OVERALL HEIGHT (MM)	1095			
3-POINT HITCH TYPE	CAT - II			
TILLING WIDTH (MM)	1705	1905	1994	2105
NO. OF BLADES	39	42	45	48
TRACTOR POWER (HP)	35-45	50-60	55-65	50-75
SIDE TRANSMISSION TYPE	GEAR DRIVE			
MAX. WORKING DEPTH (MM)	127			
ROTOR TUBE DIAMETER (MM)	89			
ROTOR SWING DIAMETER (MM)	475			
WEIGHT (KG/IBS)	395	415	435	445



ECO SERIES



MODEL	DRE - 5.5	DRE - 6	DRE - 7
SIZE	5.5 FEET	6 FEET	7 FEET
OVERALL LENGTH (MM)	1852	2052	2252
OVERALL WIDTH (MM)	840		
OVERALL HEIGHT (MM)	1095		
WORKING WIDTH (MM)	1705	1905	2105
NO. OF BLADES	48	54	60
TRACTOR POWER (HP)	35-50	42-57	50-65
NO. OF BLADES (J-40X7)	48	54	60
SIDE TRANSMISSION TYPE	GEAR DRIVE		
MAX. WORKING DEPTH (MM)	127		
ROTOR TUBE DIAMETER (MM)	76		
ROTOR SWING DIAMETER (MM)	475		
WEIGHT (KG)	379	403	425



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LAND LEVELLER



3 Point linkage



Blade



One Piece Lower Hinge Bar



Hardening Bush

Description	5 Feet	6 Feet	7 Feet	8 Feet
Working Width, mm	1525	1800	2100	2400
Cutting Blade Thickness mm	10			
Support Flat (mm)	75 X 12			
Blade Dim (mm)/Material	75 X 12/ EN8			
Over All: Length x Width x Height (mm)	1250 X 1525 X 1050	1875 x 1225 x 1050	2175 x 1225 x 1050	1250 X 2450 X 1050
Mounting	3 point inkage (Cat II)			
Weight Kgs	140	187	198	220
Levelling direction	Regular			
Linkage Pin	28 mm			
Suitable HP Range	35 45	45 50	50 60	60 70

Features

- Land Leveller is ideal for leveling, filling, back filling and farmyard cleaning etc. Sharp edged hardened blades cuts weeds, clods, thrashes and uneven lands easily performing above expectations
- Soil retaining wings can be optionally fitted on both ends of the blade for carrying the soil without spillage.
- It is suitable for sticky soils as well.
- Heavy Duty Land Leveler is ideal for leveling, filling farm yard clearing etc.
- It is easily mountable with three point linkage and controlled by hydraulic system of tractor.

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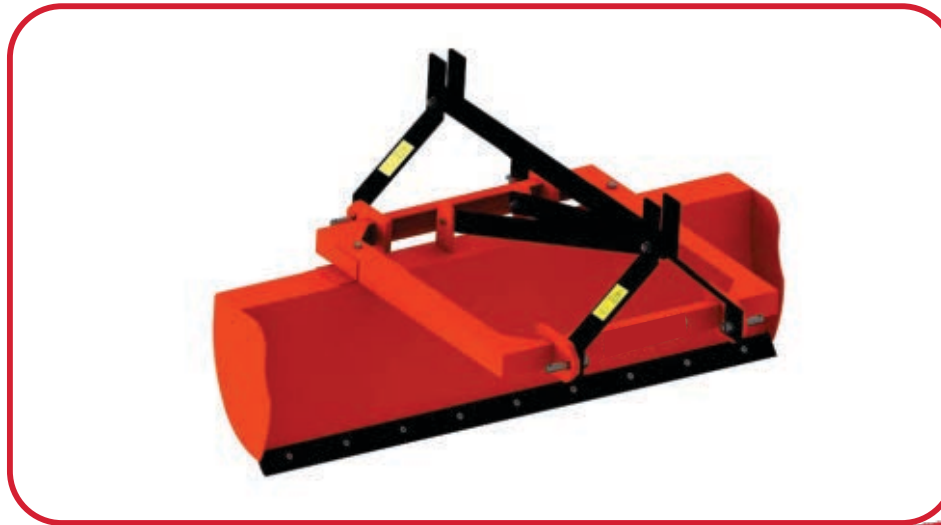
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TWO WAY LAND LEVELLER



3 Point linkage



Blade



Heavy frame



Hardening Bush

Description	5 Feet	6 Feet	7 Feet	8 Feet
Working Width, mm	1800	1990	2100	2400
Cutting Blade Thickness mm	10			
Support Flat (mm)	125 X 65			
Blade Dim (mm)/Material	75 X 10			
Over All: Length x Width x Height (mm)	1300 X 1830 X 1050	1300 X 1980 X 1050	1300 X 2135 X 1050	1300 X 2440 X 1050
Mounting	3 point linkage (Cat II)			
Weight Kgs	190	205	225	255
Levelling direction	Two Way			
Linkage Pin	28 mm			
Suitable HP Range	45	50 60	60 70	

Features

- Soil retaining wings can be optionally fitted on both ends of the blade for carrying the soil without spillage
- "Reversible Land Leveller" is ideal for levelling, filling, back fillings, farm yard clearing etc.
- Improved crop establishment by uniform spreading of water and fertilizer improves uniformity of crop maturity.
- Reduces weed problems and time of complete task of irrigation.
- Provision for usage in front as well as reverse direction ensures satisfactory front and back filling and leveling of the land.
- Sharp edged hardened blades cuts weeds, clods, thrashes and uneven lands easily performing above expectations.

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

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LASER LAND LEVELLER



BENEFITS

Laser Land leveller is leveling the field within certain degree of desired slope using a guided laser beam throughout the field. Unevenness of the soil surface has a significant impact on the germination, stand and yield of crops. Farmers also recognize this and therefore devote considerable time resources in leveling their fields properly. However, traditional methods of leveling land are cumbersome, time consuming as well as expensive.

Description

Tractor Capacity	50 H.P Plus
Blade Box Height	600 mm
Blade Length	1850 mm
Blade Capacity	0.6 Cu.m
Hyd. Cylinder	Double Acting Type 2.2 ton capacity @50 bar
Laser Control	12 V System
Range	600 meter
Make	ASL

Features

- Increase Productivity
- Save Irrigation water upto 40%
- Reduce weed in agriculture filed.
- Save fuel, electricity used in irrigation.
- Increase yield by 30%

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LASER LAND LEVELER

TECHNICAL SPECIFICATIONS

MODEL	LASER LAND LEVELER
MAIN FRAME	HEAVY INNER STRUCTURE WITH OUTER BODY 5 MM
FRONT HOOK	ADJUSTABLE
BUCKET SHEET	8MM (WITH BOTH SIDE ADJUSTMENT)
SCRAPING BLADE	125X12 MM
BUCKET HEIGHT	590 MM
BUCKET WIDTH	2133 MM (7FT)
MAST	MAST WITH MANUAL HEIGHT ADJUSTMENT
REAR AXLE FRAME	SQ. TUBE 100X6 (FABRICATED WITH 5MM SHEET)
TYRE SET	6.00-16 ZIG ZAG TYRE (WITH TAPER ROLLER BEARINGS)
HYDRAULIC CYLINDER	2 TON CAPACITY HEAVY DUTY (WITH UNDERBODY PIPINGS)
WORKING RANGE	DIA 900 METERS
BATTERY TYPES	LEAD ACID RECHARGEABLE BATTERY
TRACTOR POWER REQ.	MIN. 50 HP & ABOVE
WEIGHT	780 KG APPROX (WITH TRIPOD)



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HAPPY SEEDER



Features

- It consists of a seed box, fertilizer box, seed and fertilizer metering mechanisms, furrow opener tynes, PTO drive gear box, cutter blades mounted on a shaft, drive wheel and adjustable depth wheels
- The sowing depth can be adjusted by depth wheel
- Seed & fertilizer quantities can be varied independently with the help of metering devices
- Cutter blades shred crop residue and forged tynes make furrow for sowing seeds on straw free residue seed bed
- Cutter blades cut residue and make it fit to be absorbed in soil as organic mass.

Model Number	HSR9	HSR10	HSR11
No of Tyne	9	10	11
No. Of Blades	18	20	22
Gear Box	Single Speed		
No. Of Depth Control Wheel	2 (Adjustable)		
Tillage Width (inch)	75	83	91
3 Point linkage	CAT - II		
Seed (Capacity Kg.)	40	50	60
Fertilizer (Capacity Kg.)	40	50	60
Seed & Fertilizer Dropping	Fluted Roller		
Weight (Kgs)	580	655	750
Tractor(HP)	45 60	60 70	70 80

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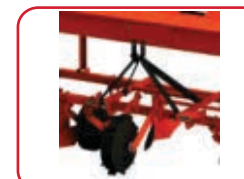
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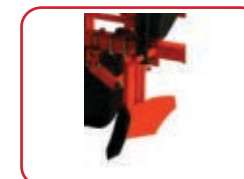
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4 ROW SEED DRILL



Main Frame & 3 Point linkage



Tyne



Seeddrill Box With Fertilizer Box



Depth adjustment wheel

DESCRIPTION	Seed cum Fertilizer Drill 4 Tyne
Main Frame (mm)	Heavy Duty
NumberOfTyne	4 - 7
Tyne	20/25 mm Thk (Adjustable)
Working Width Range (Approx. mm)	2080
Working Depth Range (Approx. mm)	150-200
Driving wheel dia	470 (mm)
OverAllLength x Width x Height in mm	2130 X 1574 X 1400
Mounting	3 point linkage (Cat II)
Suitable HP Range	45 - 75
Seed Drill With Fertilizer & Without Fertilizer	Optional

Features

- It performs 4 function at a time, i.e., making beds, furrow, applying seeds and spreading fertilizer.
- Strong & robustly constructed frame with sturdy Tyness. High quality, chain, rubbers, gears and flexible pipes.
- There is no possibility of short or excess feed of seeds and fertilizer due to automatic cut of mechanism.
- Easy three point linkage mounting.
- It saves time and labour cost because sowing operation is hard and time consuming.
- This implement forms flat bed to address salt stress and provides better water management and fertilizer use efficiency. It is provided with placer wheel for the Placement of seed of proper depth.

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

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SEED CUM FERTILIZER DRILL



Main Frame & 3 Point linkage



Tyne



Seed Box with fertilizer



Metering Wheel

Description	5 Tyne	7 Tyne	9 Tyne	11 Tyne	13 Tyne	15 Tyne
Main Frame (mm)	100 X 50					
Tyne	22mm /25mm Thk					
Working Width Range (Approx. mm)	1000	1400	1950	2312	2768	3420
Working Depth Range (Approx. mm)	150 - 200					
Driving wheel Dia, mm	470					
Mounting	3 point linkage (Cat II)					
Weight Kgs	175	255	335	338	360	400
Suitable HP Range	35-45		45-60		60-70	80

Features

- Strong & robustly constructed frame with sturdy Tynes.
- High quality, chain, rubbers, gears and flexible pipes.
- There is no possibility of short or excess feed of seeds and fertilizer due to automatic cut of mechanism.
- Easy three point linkage mounting.
- It saves time and labour cost because sowing operation is hard and time consuming.

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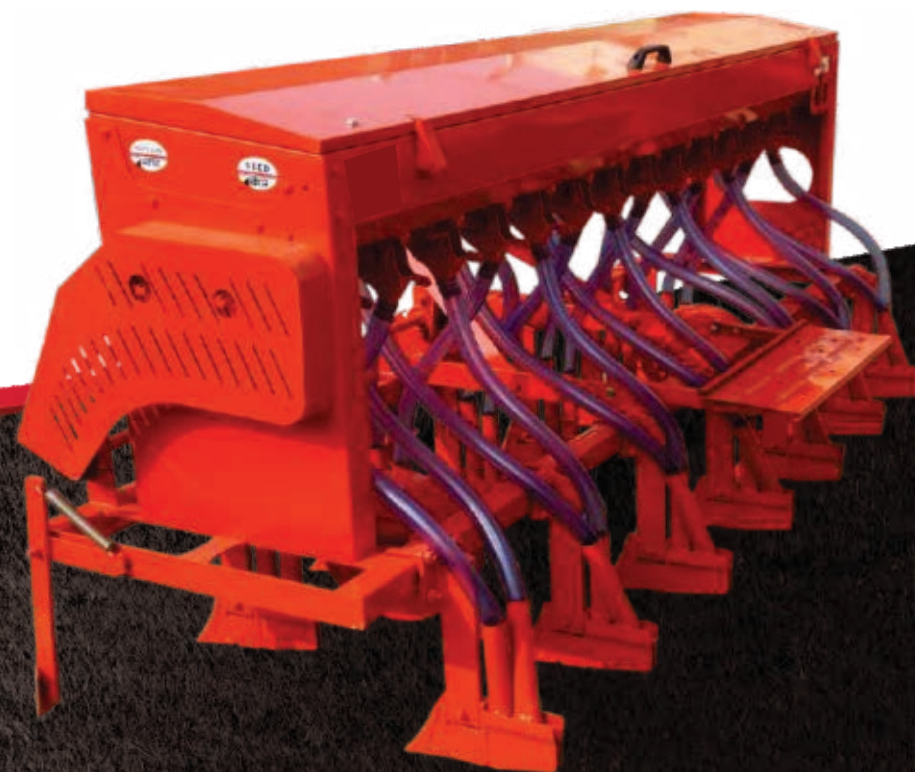
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ZERO SEED CUM FERTILIZER DRILL



PRODUCT NAME	MODEL
ZERO SEED SUM FERTILIZER DRILL	911
Working Width	1915mm
Diameter of Ground Wheel	324mm
Tractor Requirement	35 HP (minimum)
No.of Tyne	11
Row to Row Distance	185mm
Hitch type	Three Point linkage
Seed Capacity	75kg
Fertilizer Capacity	109kg
Seed Metering Device	Fluted Roller Type
Fertilier Metering Device	Fluted Fed Roller Type

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SEED CUM FERTILIZER DRILL



Name	Seed cum Fertilizer Drill					
Model	SFD-7	SFD-9	SFD-11	SFD-13	SFD-15	SFD-17
Rows	7	9	11	13	15	17
Tractor H.P.	20-30	35-40	40-45	45-50	50-55	55-60
Row to Row Spacing	7" and Adjustable					
Fertilizer Metering	Agitator & Sliding Orifice type					
Seed Metering	Fluted Roller					

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MULTICROP SEED CUM FERTILIZER DRILL & PLANTER



Name	Multicrop Seed cum Fertilizer Drill & Planter	
Model	MSFD&P (11+9)	MSFD&P (13+11)
Rows	11	13
Tractor H.P.	40-45	45-50
Row to Row Spacing	7" Standard & Adjustable	
Fertilizer Metering	Agitator & Sliding Orifice Type	
Seed Metering	Fluted Roller and Inclined Plate	

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ZERO TILL FERTI SEED DRILL





Name	Zero Till Ferti Seed Drill				
Model	ZTD-9	ZTD-11	ZTD-13	ZTD-15	ZTD-17
Rows	9	11	13	15	17
Tractor H.P.	35-40	40-45	45-50	50-55	55-60
Row to Row Spacing	7" and Adjustable				
Fertilizer Metering	Agitator & Sliding Orifice Type				
Seed Metering	Fluted Roller				

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DIRECT SEEDER FOR RICE (DSR)



Name	Direct Seeder for Rice		
Model	DSR-9	DSR-11	DSR-13
No. of Rows	9	11	13
Tractor H.P.	40-50	50-60	60-75
Row to Row Spacing	8" Standard (Max) & Adjustable		
Fertilizer Metering	Agitator & Sliding Orifice Type		
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)		

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

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ZERO TILL HAPPY SEEDER



Name	Zero Till Happy Seeder	
Model	ZTHS-9	ZTHS-10
Rows	9	10
Tractor H.P.	40-45	45-50
Row to Row Spacing	10" and Adjustable	
Fertilizer Metering	Fluted Roller	
Seed Metering	Fluted Roller	

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SUPER SEEDER



Name	Super Seeder
Model	SS-11
Rows	11
Tractor H.P.	50 and Above
Row to Row Spacing	8" and Adjustable
Fertilizer Metering	Fluted Roller
Seed Metering	Fluted Roller

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

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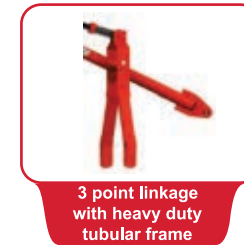
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POST HOLE DIGGER



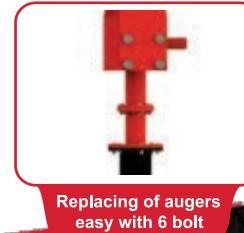
Auger



3 point linkage with heavy duty tubular frame



Spring loaded for stabilizer



Replacing of augers easy with 6 bolt

Description	Specification						
Frame	Heavy Duty Rectangular pipe						
Three Point Linkage	Category						
Gear Box	Compatible with 55 Hp max, With ratio 3:1 Ratio						
Output Shaft	2" (50mm)						
Input rpm	540						
PTO	Regular						
Auger length (APPOX)	40"						
Auger Size	6"	9"	12"	18"	24"	36"	
Weight (Approx.)	133	142	148	179	215	256	
Tractor Power (Hp)	35			50			

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

Features

- Post Hole Digger is a PTO driven machine that digs holes in rows on equal distances mechanically and economically. It is best suited for tree plantation. It can Also be used for making for electric poles and farm hedges.
- It is a PTO driven implement it is fastest method to dig hole in farm land.
- Removed soil will be placed around the pit which becomes easy to fill the pit back after plantation or erection work done.
- It has robust structure to ensure and excellent performance to the user.
- We replace auger with same frame s per 6,9,12,18,24,36 inches hole diameter required.
- Its heavy-duty gearbox encapsulates a best-in-class crown-pinion which provides a high output RPM to the auger blade.

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POST HOLE DIGGER



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2 WHEEL TIPPING TRAILOR

BENEFITS

It is used for transporting materials like seeds, fertilizers, implements etc. needed on the fields and also transporting the finished products to the warehouse/markets. The tipping mechanism allows the farmer to unload the goods from the trailer without the need of any additional labour and is also less time consuming than manual unloading. This results in higher cost-savings for the farmer.



Press Panel



Main Chassis



I-Bolt



Tyre Assembly

Features

- It has been designed with a completely foldable layout. The front door is fixed while all other doors can be folded (dropped down) which ensures easy loading/unloading of materials.
- CNC machined Hubs & Axles used in this trailer have been designed for maximum durability & reliability. The bearings placed in these hubs have a very high load bearing capacity, ensuring minimum wear & tear even in toughest usage conditions. Bearing & Hub are protected against water & mud entry using superior quality seals.
- The Tipping Mechanism provided in the trailer makes use of best-in-class hydraulic jack & pressure pipes which ensures minimum wear & tear. This significantly reduces the maintenance costs for the farmer.
- Its robust chassis has been designed to ensure towing & loading stability, thereby providing a longer life to the trailer.
- Superior quality wider tyres have been used in this trailer to make sure that the trailer has a good grip on the land. This makes it more stable and ensures the operators safety.

Description	5 Ton	4 Ton	3 Ton
Number of Wheel	2	2	2
Chassis (Size) (feet)	10 X 6 X 1.75	10 X 6 X 1.75	10 X 6 X 1.5
	10 X 6 X 2		
Tyres Size	9.00 16/7.50 16 (16,20 ply)		
Number of Axles	Single		
Tread Spacing (mm)	1545		
Drawbar length (mm)	1470		
Axel (mm)	80	60	
Hub Bolt (Nos)	8 (SG Iron)	5 (SG Iron)	
Spring (Optional) (Inch)	36 X 2.5 X (3/8) & (51/6)		
Disc type	Double Plate /Ring Disc		
Type Of Tipping	Back		
Plat Form	3.14/4 mm Thick Sheet		
Main Chassis	6" X 3"	8" X 3"	6" X 2"

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

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2 WHEEL NON TIPPING TRAILOR

BENEFITS

It is used for transporting materials like seeds, fertilizers, implements etc. needed on the fields and also transporting the finished products to the warehouse/markets.



Press Pannel



Main Chassis



I-Bolt



Tyre Assembly

Description	5 Ton Non-Tipping Trailors	4 Ton Non-Tipping Trailors	3 Ton Non-Tipping Trailors
Number of Wheel	2	2	2
Chassis (Size) (feet)	10 X 6 X 1.75 0 X 6 X 2	10 X 6 X 1.75	10 X 6 X 1.5
Tyres Size	9.00-16 /7.50-16		
Number of Axles	Single		
Disc type	Double Plate /Ring Disc		
Tread Spacing (mm)	1545		
Drawbar length (mm)	1470		
Axle (mm)	80		
Hub Bolt (Nos)	8 Bolt		5 Bolt
Spring (Optional)	42" /36"		
Plat Form	3.14/4 mm Think Sheet		
Main Chassis	6 X 3 /8 X 3		4 X 2

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

Features

- It has been designed with a completely foldable layout. The front door is fixed while all other doors can be folded (dropped down) which ensures easy loading/unloading of materials. Its robust chassis has been designed to ensure towing & loading stability, thereby providing a longer life to the trailer.
- CNC machined Hubs & Axles used in this trailer have been designed for maximum durability & reliability. The bearings placed in these hubs have a very high load bearing capacity, ensuring minimum wear & tear even in toughest usage conditions. Bearing & Hub are protected against water & mud entry using superior quality seals.
- Brake light reflector & turn indicators have been provided on the trailer to ensure the safety of the operator as well as the trailer.
- Superior quality wider tyres have been used in this trailer to make sure that the trailer has a good grip on the land. This makes it more stable and ensures the operators safety.

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4 WHEEL TIPPING TRAILOR

BENEFITS

It is used for transporting materials like seeds, fertilizers, implements etc. needed on the fields and also transporting the finished products to the warehouse/markets. The tipping mechanism allows the farmer to unload the goods from the trailer without the need of any additional labour and is also less time consuming than manual unloading. This results in higher cost-savings for the farmer.



Press Panel



Main Chassis



I-Bolt



Tyre Assembly

Description	12 Ton	10 Ton	8 Ton	6 Ton
Number of Wheel	4	4	4	4
Chassis (Size) (feet)	12 X 6 X 2	12 X 6 X 2	12 X 6 X 2	12 X 6 X 2
Tyres Size	9.00 - 20/10.00 - 20 (16,20 ply)			9-16 /7.50-16 (16,20 ply)
Number of Axles	Double			
Tread Spacing (mm)	1545			
Drawbar length (mm)	1470			
Axle (mm)	80			
Hub Material	Steel Casting			
Spring (Optional)	42" /36"			
Disc type	Double Plate /Ring Disc			
Type Of Tipping	Side		Back/Side	
Plat Form	3.14/4 mm Think Sheet			
Main Chassis (Channel Size)	6 X 3	6 X 3	5 X 2.5	

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

Features

- It has been designed with a completely foldable layout. The front door is fixed while all other doors can be folded (dropped down) which ensures easy loading/unloading of materials.
- CNC machined Hubs & Axles used in this trailer have been designed for maximum durability & reliability. The bearings placed in these hubs have a very high load bearing capacity, ensuring minimum wear & tear even in toughest usage conditions. Bearing & Hub are protected against water & mud entry using superior quality seals.
- The Tipping Mechanism provided in the trailer makes use of best-in-class hydraulic jack & pressure pipes which ensures minimum wear & tear. This significantly reduces the maintenance costs for the farmer.
- Its robust chassis has been designed to ensure towing & loading stability, thereby providing a longer life to the trailer.
- Superior quality wider tyres have been used in this trailer to make sure that the trailer has a good grip on the land. This makes it more stable and ensures the operators safety.

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4 WHEEL NON TIPPING TRAILOR

BENEFITS

It is used for transporting materials like seeds, fertilizers, implements etc. needed on the fields and also transporting the finished products to the warehouse/markets.



Press Panel



Main Chassis



I-Bolt



Tyre Assembly

Description	5 Ton Non-Tipping Trailors	4 Ton Non-Tipping Trailors	3 Ton Non-Tipping Trailors
Number of Wheel	2	2	2
Chassis (Size) (feet)	10 X 6 X 1.75 0 X 6 X 2	10 X 6 X 1.75	10 X 6 X 1.5
Tyres Size	9.00-16 / 7.50-16		
Number of Axles	Single		
Disc type	Double Plate / Ring Disc		
Tread Spacing (mm)	1545		
Drawbar length (mm)	1470		
Axle (mm)	80		
Hub Bolt (Nos)	8 Bolt		5 Bolt
Spring (Optional)	42" / 36"		
Plat Form	3.14/4 mm Think Sheet		
Main Chassis	6 X 3 / 8 X 3		4 X 2

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

Features

- It has been designed with a completely foldable layout. The front door is fixed while all other doors can be folded (dropped down) which ensures easy loading/unloading of materials. Its robust chassis has been designed to ensure towing & loading stability, thereby providing a longer life to the trailer.
- CNC machined Hubs & Axles used in this trailer have been designed for maximum durability & reliability. The bearings placed in these hubs have a very high load bearing capacity, ensuring minimum wear & tear even in toughest usage conditions. Bearing & Hub are protected against water & mud entry using superior quality seals.
- Brake light reflector & turn indicators have been provided on the trailer to ensure the safety of the operator as well as the trailer.
- Superior quality wider tyres have been used in this trailer to make sure that the trailer has a good grip on the land. This makes it more stable and ensures the operators safety.

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BALER

ADVANTAGES

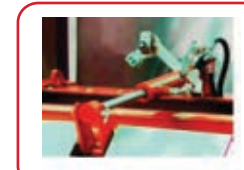
- Baler can be operated in lower Hp-tractor
- Trouble free Binding Easy Adjustment
- Easy to pick , store & transport
- Lubrication system with self cleaning brush
- Bale Counter



Bale Counter



centralised self lubrication system with cleaning brush



Hydraulic Bale Ejection System



Pick up Unit

Model	SuperAB 1050	MediumAB 1000	MiniAB 800
Operating Type	Tractor PTO Operated		
Dimension in mm (L X W X H)	1740 X 1450 X 1250	1550 X 1450 X 1250	1435 X 1450 X 1250
Pickup Width (With Side Cover)	1060 mm		
Tractor Power	35 - 45 HP (Dual Clutch Must)		
Bale Dimension	D-610 X W-1050mm	D-610 X W-930mm	D-610 X W-930mm
Bale Weight	20 - 35 Kgs		
Binding Type	Jute Twine		
PTO Input Speed	540 RPM		
Hitching	II 3 Point Linkage		
Weight (KGs)	670	625	515

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

Features

- Automatically operated twine-binding system
- Automictically operated centralised lubrication system
- Bale density can be adjusted
- The larger tires absorb shock load in rough terrain and import flotation soft ground
- Spring-loaded bale ramp allow the bale to roll away from the baler
- No external power supply required to operated hydraulic system.



BALER

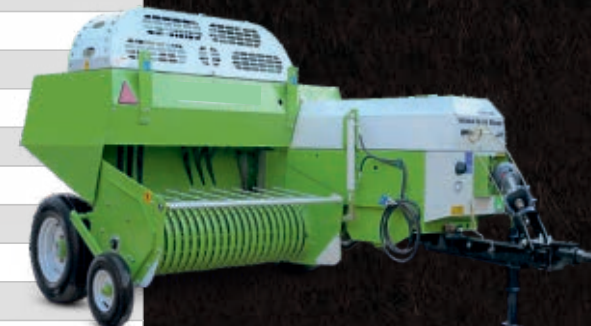
TECHNICAL SPECIFICATIONS

MODEL	KE 565
Bale Dimensions	360 x 460 mm
Stroke	780 mm
Piston Speed	93 Stroke/ min
Feeding Opening	1800 cm ²
Bale Length	300 - 1350 mm
Bale Weight	20-35 kg
Productivity	250 bale/h
Knotter Set	2 Twines / Wire
Pick-Up Width	1860 mm
Bar Gap	70 mm
Tine Bars	5 Bars pcs
Number of Tines	115 pcs
Tire Right	255 / 70 / R15
Tire Left	10.0 / 75 - 15.3 Tubes 10 PR
Rear Middle Support Wheel	16.5 x 6.50 - 8.6 PR
Support Wheel	400 x 8 - 6 PR
Weight	1915 Kg
Length of Baler (On Road)	5150 mm
Length of Baler (On Duty)	6180 mm
Width of Baler	2580 mm
Height of Baler	1850 mm
Minimum Power Requirement	45 HP
PTO Drive	540 RPM
Transmission	2 Shafts

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

TECHNICAL SPECIFICATIONS

MODEL	Monster 870 XL CUT
Chamber	Variable with Belts
No./ Type of Belts	3 Endless Belts
P.T.O. RPM	540
Power Requirement	100 H.P.
Total Width Pickup	225
Cutting Blades	15(0-7-15)
Cutting Length	70 mm
Bars Teeth-Holder/ Each Bar	4/30 XL Version
Unblocking System	Standard
Electronic Net Binding	Standard
Electronic Twine Binding	Optional
Automatic Chain Lubrication	Standard
Centralized Greasing	Standard
Front Wheel	15 x 6.00-6
Main Wheel	19.0/45-17
Comb-Feeder	Rotary with Cutting System
P.T.O. Shaft with Automatic Torque Limiter	Standard
Bales Counter	10 Customizable Counters
Electric Supply	12V - 30A
Hydraulic Requirements	2xDE
Width with Front Wheels	239 cm
Width with Main Wheels	250 cm
Height	min 266 cm - max 270 cm
Length	455 cm
Empty Weight(without Optionals)	3320 kg



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HYDRAULIC BOOM SPRAYER

Model No	BMS-300	BMS-400	BMS-500	BMS-600	BMS-800
Tank Capacity (ltr)	300	400	500	600	800
Type of pump	High Pressure Diaphragm Pump (Italian)				
Pump Capacity (lpm),	55, 6	55, 8	55,10	65, 12	65,15
Boom Length (m)					
Boom height Adjustment, m	1				
Ground Clearance, mm	250				
Number of Nozzles	12	16	20	24	30
Nozzle Spacing (cm)					
Nozzle Type	Anti Drip				
Boom Folding Actuation	Manual (Hydraulic Optional)				
Boom Height Adjustment	Mechanical (Hydraulic Optional)				
No. of Boom Sections		3		5	
No. of Supply Section		3		4	
Manifold Levers	3				
Boom Folding Type		Line		Cross	
Anti-Accident Action	Spring Loaded				
Tractor HP	24-36	36-45	40-50	50-60	60-70
Mounting	CAT - I				
Working pressure, bar	10				
Types of filter	80 mesh suction filter				

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



Features

- The control of insects, diseases and weeds is important for the growing of high - yielding crops or pasture of good quality. Applying the right amount of chemical at the right time is a major factor in ensuring successful control. Too many chemicals, particularly herbicides, may damage the crop and harm the environment; it will certainly waste money. Too little will also waste money because it will fail to give proper control.
- Tractor Mounted & Operated with the help of PTO pump.
- Spring loaded boom sections which avoid deflection of plants
- Water flow direction mixture tank suction filter pump control nozzle

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MANUAL BOOM SPRAYER



Parameters	BMS-300	BMS-400	BMS-500	BMS-600	BMS-800
Tank Capacity	300 ltrs	400 ltrs	500 ltr	600 ltrs	800 ltrs
Pump Capacity & Type	55 lpm (Diaphragm)	55 lpm (Diaphragm)	55 lpm (Diaphragm)	65 lpm (Diaphragm)	65 lpm (Diaphragm)
Boom Length (Meters)	6	8	10	12	15
No. of Nozzles	12	16	20	24	30
Nozzle Spacing (cm)	50	50	50	50	50
Nozzle Type	Anti Drip	Anti Drip	Anti Drip	Anti Drip	Anti Drip
Boom Folding Acuation	Manual	Manual	Manual	Manual	Manual
Boom Hight Adjustment	Mechanical				
No. of Boom Sections	3	3	3	5	5
No. of Supply Section	3	3	3	4	4
Menifold Levers	3	3	3	3	3
Boom Folding Type	Line	Line	Line	Cross	Cross
Anti Accident Action	Spring Loaded	Spring Loaded	Spring Loaded	Spring Loaded	Spring Loaded
Tractor HP	24-36	36-45	40-50	50-60	60-70
Mounting	CAT-I	CAT-II	CAT-II	CAT-II	CAT-II

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

Features

- The control of insects, diseases and weeds is important for the growing of high - yielding crops or pasture of good quality. Applying the right amount of chemical at the right time is a major factor in ensuring successful control. Too many chemicals, particularly herbicides, may damage the crop and harm the environment; it will certainly waste money. Too little will also waste money because it will fail to give proper control.
- Tractor Mounted & Operated with the help of PTO pump.
- Spring loaded boom sections which avoid deflection of plants
- Water flow direction mixture tank suction filter pump control nozzle

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SBP600 BLOWER



Italian Nozzle



50 lpm imported pump



Suction Filter



fan assembly

MODEL	SBP600
POWER REQUIRED	24 HP AND ABOVE TRACTORS
PUMP	50/60 LPM HTP / DIAPHRAGM PUMP (OPTIONAL)
DISCHARGE(FREE)	48 LPM
WORKING PRESSURE	20-25 BAR
PUMP RPM	540
BLOWER RPM	2500
TOTAL NO. OF NOZZLE	10
WEIGHT	280 kg (approx.)10
SIZE L X W X H(IN MM)	2550 X 1020 X 1350

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

Features

- Suitable for 24 HP and above tractors
- Galvanized chassis prevent corrosion
- Deflector change the air flow in required direction
- 50/60 lpm imported diaphragm pump (optional)
- Tubeless tyre and mud scraper
- Line filter for nozzle safety
- 600 lit tank capacity
- Easily attach with tractor
- Tank consist of two hydraulic agitator for maintain a proper fertilizer mix in the spray tank
- Spare parts are easily available at reasonable rate
- Maintenance cost is very low
- Guideline & necessary instruction stickers on tank
- Quick service after sale
- Tractor run without load & save fuel

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STF-600 BLOWER



Italian Nozzle



Linear fan(SS)



50 lpm Imported fan



Suction filter

MODEL	STF600
POWER REQUIRED	24 HP AND ABOVE TRACTORS
PUMP	50/60 LPM HTP/DIAPHRAGM PUMP (OPTIONAL)
DISCHARGE (FREE)	48/58 LPM
WORKING PRESSURE	20 - 25 BAR
PUMP RPM	540
BLOWER RPM	2500
TOTAL NO. OF NOZZLES	10
WEIGHT	310 kgs Approx..
SIZE L X W X H (IN MM)	2450 X 1020 X 1350

Features

- Suitable for the 24 HP and above tractors
- 100% coverage
- 600 lit tank capacity
- SS fan assembly
- 50/60 lpm HTP/Diaphragm pump (optional)
- Top fan unit with instantaneous variable pitch
- Heavy duty, Galvanized chassis prevent corrosion
- Low maintenance cost
- Air rectifying cone
- Guidelines and necessary instruction stickers on tractor
- Tank consist of two hydraulic agitator for maintain a proper fertilizer mix in the spray tank
- Spare parts are easily available at reasonable rate
- Quick service after sale

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

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SDF-200 BLOWER

“This Model is Also Available in Belt & Pulley Type”



Italian Nozzle



Drain valve



Control unit



65 lpm imported diaphragm pump

Model	SDF200
POWER REQUIRED	18 HP AND ABOVE TRACTORS
PUMP	65 LPM DIAPHRAGM PUMP (ITALY MAKE)
TANK CAPACITY	200 LTR
WORKING PRESSURE	20-25 BAR
DISCHARGE(FREE)	63 LPM
PUMP RPM	540
BLOWER RPM	2500
TOTAL NO. OF NOZZLE	10
WEIGHT	210 kg (approx.)
SIZE L X W X H(IN MM)	1550 X 950 X 1250

Features

- Suitable for 18 HP and above tractors
- Heavy duty single / multi speed gear box (optional).
- Tank consist of one hydraulic agitator for maintain a proper fertilizer mix in the spray tank
- 200 lit chemical tank
- Galvanized chassis prevent corrosion
- Having air distributor
- 65 lpm diaphragm pump (Italy make)
- To control powdery mildew, Downy mildew and mites
- It gives 100% coverage
- With air recovery system
- Tractor run without load & save fuel
- Dia. 610mm, adjustable & advance technology single/double fan (optional).
- SS/GI fan assembly (Optional)
- Accurate direction for air because of long deflector
- Low maintenance cost
- Guidelines & necessary instruction stickers on tank
- Spare parts are easily available at reasonable rate
- Indian design and quality according to Indian climatic condition
- Quick service after sale

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

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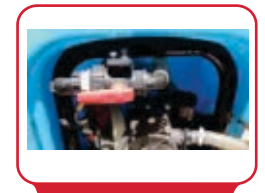
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SDF - 600 BLOWER

“This Model is Also Available in Belt & Pulley Type”



Italian Nozzle



3-way valve connection



fan assembly



75 lpm Imported diaphragm pump

MODEL	SDF600
POWER REQUIRED	24 HP AND ABOVE TRACTORS
TANK CAPACITY	600 LTR.
PUMP	'ITALY MAKE' 75 LPM DIAPHRAGM PUMP
DISCHARGE (FREE)	73 LPM
PUMP RPM	540
BLOWER RPM	2500
TOTAL NO. OF NOZZLES	10
WORKING PRESSURE	25-30 BAR
WEIGHT	300 kg (approx.)

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

Features

- Suitable for 24 HP and above tractors
- Galvanized chassis prevent corrosion
- Heavy duty drawbar having wide angle with PTO to easy turning (optional)
- To control powdery mildew, Downy mildew and mites
- Inlet valve balancing air to get 100% coverage
- 'Italy make' 75 lpm diaphragm pump
- SS fan assembly, such a way that it rotate in both direction (Clockwise & Anti clockwise)
- Dia. 610 mm fan with having facility to change the required degree
- Best quality and heavy duty 2 speed + Neutral gearbox
- 'Imported' 600 lit main tank, washing tank & hand wash tank
- Tank consist of two hydraulic agitator for maintain a proper fertilizer mix in the spray tank
- Auto water suction facility upto 8 ft.
- Deflector change the air flow in required direction
- Tractor run without load & save fuel
- Guideline & necessary instruction stickers on tank
- Spare parts are easily available at reasonable rate
- Imported quality Indian design according to Indian climatic condition
- Quick service after sale

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SELF PROPELLED COMBINE HARVESTER

ENGINE

Model / Make	BS-IV Ashok Leyland / Eicher
Power	101/134/137 HP @ 2200 RPM
No of Cylinder	Six
Air Cleaner	Combination of Dry
Cooling System	Water Cooled

CLUTCH

Type of Clutch	Single, Heavy Duty Dry Clutch
Dia (mm)	330 (mm)

TRANSMISSION

No. of Gears	3 Forward	1 Reverse
Gears Speeds (Km./Hr.)		
Forward	L	H
1st Gear	2	4
2nd Gear	4	8
3rd Gear	10	30
Reverse	4	8

CUTTER BAR

for Wheat, Paddy & Others

Width	14 Feet (4265 mm)
Cutting Height (mm)	25-1250 mm
No. of Blades	57
No. of Guards	58
Stroke (mm)	89
Reel (rpm)	25-50
Dia (mm)	1016

THRESHING MECHANISM

Thresher Drum	Wheat (Rasp Bar)	Paddy (Peg Tooth)
Width (mm)	1257	1258
Dia of Thresher Drum (mm)	606	602
Speed (rpm)	562-960	
Speed Adjustment	By Means of Mechanical Variator	

CONCAVE

Clearance	Wheat	Paddy
Front (mm)	18-30	8-46
Rear (mm)	7-12	4-16
Adjustment	Mechanical	

STRAW WALKER

No. of Straw Walker	5	Width (mm)	8300
No. of Steps	5	Height (mm)	4740
Length (mm)	3770	Ground Clearance (mm)	3810
Width (mm)	234		380

CLEANING

Area (m ²)		In Transport	
Upper Sieve Area	1.33	Length (mm)	12280
Lower Sieve Area	1.35	Width (mm)	3130
		Height (mm)	3810
		Total Weight (K.g.)	9125 approx.

CAPACITY

Grain Tank (m)	2.7
Fuel Tank (Lt.)	370

BATTERY

No. of Batteries	2
Capacity & Rating o	



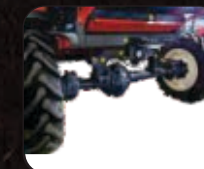
MAIZE CUTTER



SUPER STRAW MANAGEMENT SYSTEM



MUSTARD CUTTER



4X4 REAR AXLE

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SELF PROPELLED COMBINE HARVESTER

Combine Chassis 41"(1041 mm)
 Straw Walker 5 Nos(5 Step)
 Cutter Bar 3657 mm(12 Feet)

ENGINE

Make Ashok Leyland/ Eicher
 Engine Power 101 HP @ 2500 RPM
 No. of Cylinder Four
 Air Cleaner Dry
 Cooling System Water Cooler

TRANSMISSION

No. of Gears 3 Forward 1 Reverse

THRESHING SYSTEM

Thresher Width	Wheat	Paddy
Width	970 mm	990 mm
Diameter	600 mm	620 mm

CONCAVE

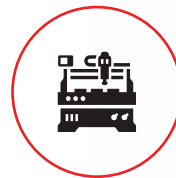
Concave Width	Wheat	Paddy
Width	1025	1025

RANGE OF CLEARANCE

Front	21.5mm to 37.4mm/11.8mm to 35.7mm
Rear	12.5mm to 17.6mm/20.0mm to 21.5mm

CLEANING SIEVES

Top Sieve effective area	1.61 m2
Bottom Sieve effective area	1.05 m2



CNC CUTTING MACHINE



HEAVY DUTY GEAR BOX



LOAN FACILITY AVAILABLE



SUBSIDY AVAILABLE



TYRE

Front	16.9-28, 12PR
Rear	7.50-16, 8PR

CUTTING MECHANISM

Cutter Bar Width	12 Feet (3657mm)
Cutting Height	50-1250 mm

GRAIN TANK CAPACITY

Paddy	14 QTL.
Wheat	16 QTL.
Diesel Tank Capacity	360 Litres

OVERALL DIMENSIONS

Length	10972 mm	8229 mm
Width	2926 mm	4000 mm
Height	3749 mm	3749 mm
Weight approx	7000 kg	6705 kg

CUTTING CAPACITY APPROX.

Wheat	3 Acre/Hour
Paddy	2 Acre/Hour

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MINI SELF COMBINE HARVESTER

	9 Feet	10 Feet		
Combine Chassis	31"	36"		
Straw Walker	31"(787.4mm)	36" (914.4 mm)		
	4 No.s	4 No.s		
Cutter Bar	9 feet (2743.2 mm)	10 Feet (3048 mm)		
ENGINE	ASHOK LEYLAND			
Model	ALU W04d			
Power	76 HP @ 2200 rpm			
No of Cylinder	Four			
Air Cleaner	Dry Type			
Cooling System	Water Cooled			
Clutch System	Single, Heavy Duty Dry Clutch			
Dia (mm)	310 (mm)			
Transmission	3 Forward & 1 Reverse (Double Lever)			
THRESHING SYSTEM				
Thresher Width	760 mm	887 mm		
Diameter	510 mm	510 mm		
RANGE OF SPEED				
Minimum	680@1800 rpm	680@1850 rpm		
Maximum	785@1800 rpm	870@1850 rpm		
CONCAVE				
Concave Width	768 mm	895 mm		
RANGE OF CLEARANCE	WHEAT	PADDY	WHEAT	PADDY
Front	13 mm	32 mm	13 mm	32 mm
Rear	17 mm	40 mm	17 mm	40 mm



CLEANING SIEVES				
Top Seive Effective Area	1.076 m ²	1.120 m ²		
Bottom Seive Effective Area	0.804 m ²	0.960 m ²		
TYRE				
Front	14.9x28.12 PR			
Rear	7.50 x 16.8 PR			
CUTTING MECHANISM				
Cutter Bar Width	9 feet (2743.2 mm)	10 Feet (3048 mm)		
Cutting Height	30-1290 mm	30-1290 mm		
GRAIN TANK CAPACITY				
Paddy	900 Kg.	1000 Kg.		
Wheat	1000 Kg.	1100 Kg.		
Diesel Tank	200 Liter	200 Liter		
OVERALL DIMENSIONS	TRANSPORTATION	WORKING	TRANSPORTATION	WORKING
Length	9470 mm	6960 mm	9775 mm	6960 mm
Width	2530 mm	3100 mm	2530 mm	3400 mm
Height	3170 mm	3170 mm	3170 mm	3170 mm
Total Weight	5400 Kg. Approx.		5968 Kg. Approx.	
CUTTING CAPACITY APPROX.				
Wheat	1.5 Acre/ Hours		1.75 Acre/ Hours	
Paddy	1.0 Acre/ Hours		1.25 Acre/ Hours	

SPECIAL FEATURES

- Available in 4 Straw walkers.
- 4x4 Available on Order.
- Best in segment grain unloading speed.
- Under body Diesel Tank.
- Extra Size sieves for better cleaning area.

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

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TRACK COMBINE HARVESTER



TECHNICAL SPECIFICATIONS

ENGINE

MAKE ASHOK LEYLAND
POWER 76 HP @ 2200 RPM

CUTTING MECHANISM

CUTTER BAR EFFECTIVE WIDTH 2134 MM
CUTTING HEIGHT 30-900 MM

REEL

TYPE TINE BAR PICK UP
DIA 945 MM
WIDTH 2050 MM
HEIGHT ADJUSTMENT HYDRAULIC

FEEDER

TYPE COMB AND CHAIN
WIDTH 550 MM

THRESHING DRUM

LENGTH 1963 MM
DIA(WITH SPIKE) 627 MM
SPEED 550-600 RPM

CONCAVE

NO. OF CONCAVE ONE
LENGTH 1497 MM
WIDTH 782 MM
AREA 1.17 M²

CLEANING SIEVES

LENGTH
WIDTH

CAPACITY

FUEL TANK
GRAIN TANK(PADDY)

TRACK ASSEMBLY

SIZE 590X56X90
NO.S OF RUBBER GROUSERS(EACH SIDE) 6
SIZE OF RUBBER GROUSERS 45 MM

TRANSMISSION

TYPE HYDROSTATIC
PUMP DOUBLE PUMP
MOTOR DOUBLE PUMP

OVERALL DIMENTIONS

LENGTH 4990 MM
WIDTH 2340 MM
HEIGHT 2680 MM
WEIGHT 4000 KG.
GROUND CLEARANCE 380 MM

FRONT

720 MM
774 MM

REAR

320 MM
774 MM



Engine

- Powerful and efficient power.
- 4 cylinder inline.
- Rated power 76 HP.



Canopy Fan

- Prevents operator from dust.
- Provides a breeze of air in hot weather.



Unloading Options

- 360° unloading auger for fast tank emptying
- Raised for direct loading into trucks



Track Tensioner

- Helps in keeping the track tight for perfect work.



Hydraulic Pump

- All cluster controls in driver's hand.



Control Panel

- High quality Eaton Hydraulic Pump for uninterrupted work.



Track Rollers

- Good in muddy conditions.
- Good support for track for long run.



Music System

- Entertainment on track to keep operator in work mood.

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

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TRACK COMBINE HARVESTER



ENGINE

Make : Ashok Leyland
 Model Power : ALU-W04D
 Power : 76 H.P. @2200 rpm
 Air Cleaner : Combination of Dry
 Cooling System : Water Cooled

CUTTING MECHANISM

Cutting Bar Working Width : 2285 mm
 Cutting Height : 55-1250 mm

REEL

Type : Tine Bar Pick up
 Dia : 960 mm
 Width : 2223 mm
 Height Adjustment : Hydraulic

FEEDER

Type : Comb & Chain
 Width : 777 mm

THRESHER DRUM

Width : 762 mm
 Dia. (Including Spike) : 508 mm
 Speed : 750-850 RPM

CONCAVE

Width : 774 mm
 Clearance : Front 13-35 mm
 Rear 9-12 mm
 Adjustment : Mechanical

CLEANING SIEVES

	: FRONT	REAR
Length	: 1219 mm	457 mm
Width	: 703 mm	703 mm

CAPACITY

Fuel Tank : 150 Ltrs.
 Grain Tank : 700 Kg.

TRACK ASSEMBLY

Size : 450x60x90xSF(8P)
 Track Width : 1437 mm
 Wheel Base : 1960 mm
 Nos. of Rubber Grousers (Each Side) : Five Nos.
 Size of Rubber Grousers (Each Side) : 60 mm

TRANSMISSION

Type : Hydrostatic
 Pump : Double Pump
 Motor : Double Pump

OVERALL DIMENSIONS

Length : 6450 mm
 Width : 2620 mm
 Height : 2880 mm
 Weight : 4800 kg



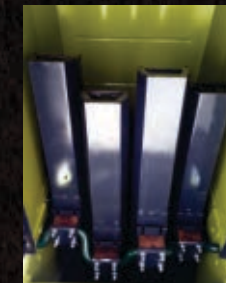
**BRIDGESTONE
MAKE TRACK**



**SPECIALY
DESIGNED BLADES**



**HIGH GROUND
CLEARANCE**



**SPECIALY DESIGNED
STRAW WALKERS**



**HIGH QUALITY
SPARES**

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

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TRACTOR MOUNTED COMBINE HARVESTER



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MAIZE HEADER



EXTRA LONG STOCK ROLLERS



GEAR BOX CLUTCH MECHANISM



HEAVY DUTY SPROCKET & CHAIN



HEAVY DUTY PLATE BODY



HEAVY DUTY OIL BATH GEAR BOX



TECHNICAL SPECIFICATIONS

Model	DMH5	DMH6	DMH7
Effective cutter bar Width(mm)	3048-3352	3352-3790	3352
Working Width with shoes (mm)	2819.4-3124.2	3124.2-3430	3124.2
No. of Guide Plates	5	6	7
Distance between two guide plates(mm)	460-610	460-610	460
Type of Guide plates	Triangular shape, MS sheet fabricated		
Size of Guide Plate(mm)	Length-800, Base Width: 460-530, Height: 250		
Type of crop feed augers	Screw Auger		
Type of snap rollers	Rectangular fitted with 4 nos. of Cutting Blades		
Size of snap Rollers(mm)	Length: 800, Cross Section: 70x70		
No. of Snap Rollers	10	12	14
Number of Cutting Blades	40	48	56
Size of Cutting Blades (mm)	Length: 550, Width: 63, Thickness: 5		
Width of Cutting edge(mm)	4		
Number & type of Crop Conveyor(mm)	10, Chain & Scoop	12, Chain & Scoop	14, Chain & Scoop
Weight	1890 Kg	2020 Kg	2250 Kg
Trailer Size	17.5 Feet	18.5 Feet	18.5 Feet
Tyre Size	7x50x16	9x16	9x16

Model	DMH 3
Effective cutter bar Width(mm)	1960
Working Width with shoes(mm)	1638
No. of Guide Plates	4
Distance between two guide plates(mm)	460-610
Type of Guide plates	Triangular Shape, MS Sheet Fabric
Size of Guide Plate(mm)	L-660, W-520, H-240
Type of crop feed augers	Screw Auger
Type of snap rollers	
Size of snap Rollers(mm)	L-635, Cross Section- 70x70
No. of Snap Rollers	6
Number of Cutting Blades	24
Size of Cutting Blades(mm)	L-400, W-61, T - 5
Width of Cutting edge(mm)	4
Number & type of Crop Conveyor(mm)	6, Chain & Scoop
Weight	645 Kg

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ROTARY RAKE

TECHNICAL SPECIFICATIONS

MODEL 903	ROTARY RAKE
Position of Center of Gravity A	1250 mm
Total Length of the Machine W	3300 mm
Total Width of Machine L (Working Step)	3500 mm
Total Height of the Machine H (Working Step)	1350 mm
Total Width of the Machine L1 (Transport Phase)	1400 mm
Total Height of the Machine H1 (Transport Phase)	2820 mm
Total Mass	360 n.
Arms	9 n.
Harvest Times	27 n.
PTO Shaft	
Torque Limiter	300 Nm

FEATURES OF THE TYRES

Dimensions of Machine Tyres	16x6.5 -8
Inflation Pressure	2,5 Bar

TRACTOR REQUIREMENTS

Minimum Power	20 CV
Recommended Power	35 CV
Rear Lifting Unit	1/2 Category
PTO Rotation Rate	540 rpm
Splined Profile of the PTO Shaft	1" 3/8 Z=6

NOISE LEVEL

Sound Level that is Detected at the Driver Seat	75 db (A)
Weight	350 Kg.



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STRAW REAPER



TECHNICAL SPECIFICATIONS

Chassis : 56" (1423 mm)
Thresher Dia : 22" (558 mm)

CUTTING MECHANISM

Cutter Bar Width : 7 Feet (2134 mm)
Tyres : 6.50.20

DOUBLE BLOWER

Grain Tank provided for grain storage from waste. Stone trap tray provided for safety of machine.

OVERALL DIMENSIONS (IN TRANSPORTING)

Length : 3370 mm
Width : 2450 mm
Height : 2015 mm
Weight : 2000 Kg.

Cutting Capacity : 1-2 Acres per hour.

- FREE SPARE PARTS & TOOL KIT
- SPARES ARE AVAILABLE IN ALL PLACES.
- WARRANTY : FOR ONE SEASON

WORKING OF THE STRAW REAPER

The tines fixed on the reel pipes push the straw of wheat crop left after combine operation towards the oscillating cutter bar after which the harvested straw reaches the threshing drum. The wheat straw gets crushed in very small pieces in the threshing unit. The product fine straw is sucked by the blowers and is then pushed towards the outlet pipe by blower and which is collected in the trailer fitted with wire mesh.

SALIENT FEATURES

- ▶ Heavy Duty Plate Body Chassis
- ▶ Straw Reaper Manufactured by Laser Cutting and CNC machines
- ▶ Powder Coating Paint
- ▶ High Quality Blades

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PNEUMATIC PLANTER



Name	Pneumatic Planter	
Model	PP	
Rows	4	6
Tractor H.P.	50-60	70-90
Fertilizer Metering	Agitator & Sliding Orifice Type	
Seed Metering	Vacuum Rotating Disc	

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MAIZE / MULTI CROP PLANTER



Name	Multi Crop Planter			
Model	MCP-3	MCP-4	MCP-5	MCP-6
No. of Rows	3	4	5	6
Tractor H.P.	30-35	35-40	40-50	50-65
Row to Row Spacing	24" Standard (Max) & Adjustable			
Fertilizer Metering	Agitator & Sliding Orifice Type			
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)			

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MULTI CROP RIDGE PLANTER



Name	Multi Crop Ridge Planter		
Model	MCRP-3	MCRP-4	MCRP-5
No. of Rows	3	4	5
Tractor H.P.	40-50	50-60	60-75
Row to Row Spacing	24" Standard (Max) & Adjustable		
Fertilizer Metering	Agitator & Sliding Orifice Type		
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)		

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RAISED BED PLANTER-WIDE BED



Name	Raised Bed Planter - WIDE BED
Model	RBP-WB
Rows	4 Rows
Tractor H.P.	45-55
Row to Row Spacing	24" and Adjustable
Fertilizer Metering	Agitator & Sliding Orifice Type
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)

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RAISED BED PLANTER- NARROW BED



Name	Raise Bed Planter - Narrow Bed
Model	RBP-NB
Rows	4 Rows
Tractor H.P.	45-50
Row to Row Spacing	7" and Adjustable
Fertilizer Metering	Agitator & Sliding Orifice Type
Seed Metering	Fluted Roller & Inclined Plate

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MULTI CROP PLANTER (FURROW SOWING)



Name	Multi Crop Planter (Furrow Sowing)		
Model	MCP-3	MCP-4	MCP-5
No. of Rows	3	4	5
Tractor H.P.	40-50	50-60	60-75
Row to Row Spacing	24" Standard (Max) & Adjustable		
Fertilizer Metering	Agitator & Sliding Orifice Type		
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)		

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MULTICROP PLANTER (FOR MINI TRACTOR)

SEED CUM FERTILIZER DRILL (FOR MINI TRACTOR)



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**ZERO TILL MULTI CROP PLANTER
FOR 2 WHEEL TRACTOR (DIRECT HIRCH)**



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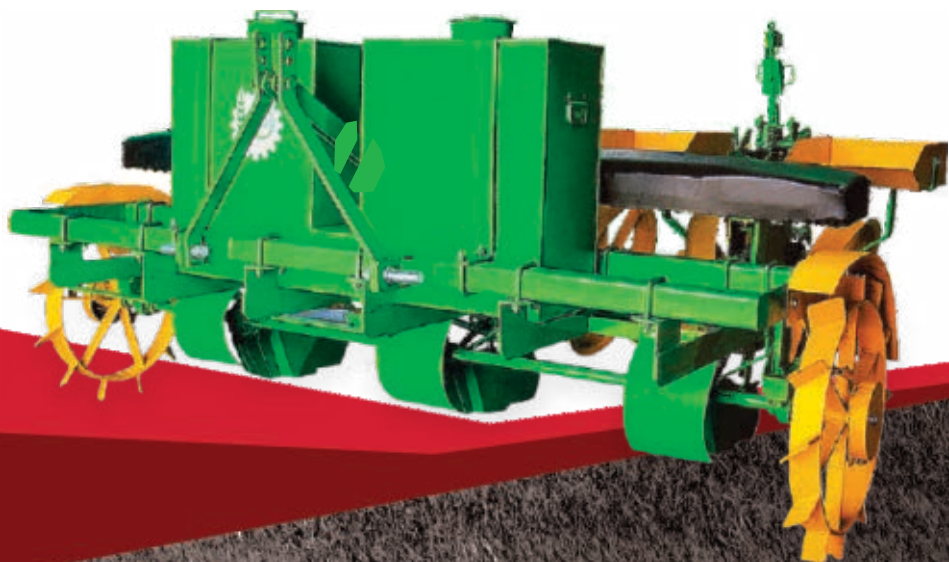
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VEGETABLE NURSERY TRANSPLANTER



MULTI CROP PLANTER FOR MINI POWER TILLER



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AXIAL FLOW VEGETABLE SEED EXTRACTOR



GROUNDNUT DIGGER



FERTILIZER SPREADER



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PADDY THRESHER



P-55 5 FAN

TYPE		PADDY THRESHER
DRIVE		TRACTOR PTO OPERATED
REQUIRED POWER		35 H.P. OR ABOVE
TYRES		6.00.16
CROPS		PADDY
SPEED		CONSTANT
OVERALL DIMENSIONS (APPROX:)		
LENGTH		4415 MM
HIGHT		2460 MM
WIDTH		2480 MM
THRESHING DRUM SIZE (APPROX:)		
DRUM SIZE		36X70"
NO. OF BLOWERS		5

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MULTI-CROP THRESHER



P-77 WITH SIDE BASKET

TYPE	MULTI CROP THRESHER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	35 H.P. OR ABOVE
TYRES	6.00.16
CROPS	PADDY, WHEAT, MUSTARD, SOYABEAN, CHICKPEAS, RED GRAM , BLACK GRAM AND GREEN GRAM
SPEED	FIX FAN SPEED
OVERALL DIMENSIONS (APPROX:)	
LENGTH	4110 MM
HIGHT	2640 MM
WIDTH	3110 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	36X62"
NO. OF BLOWERS	4

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

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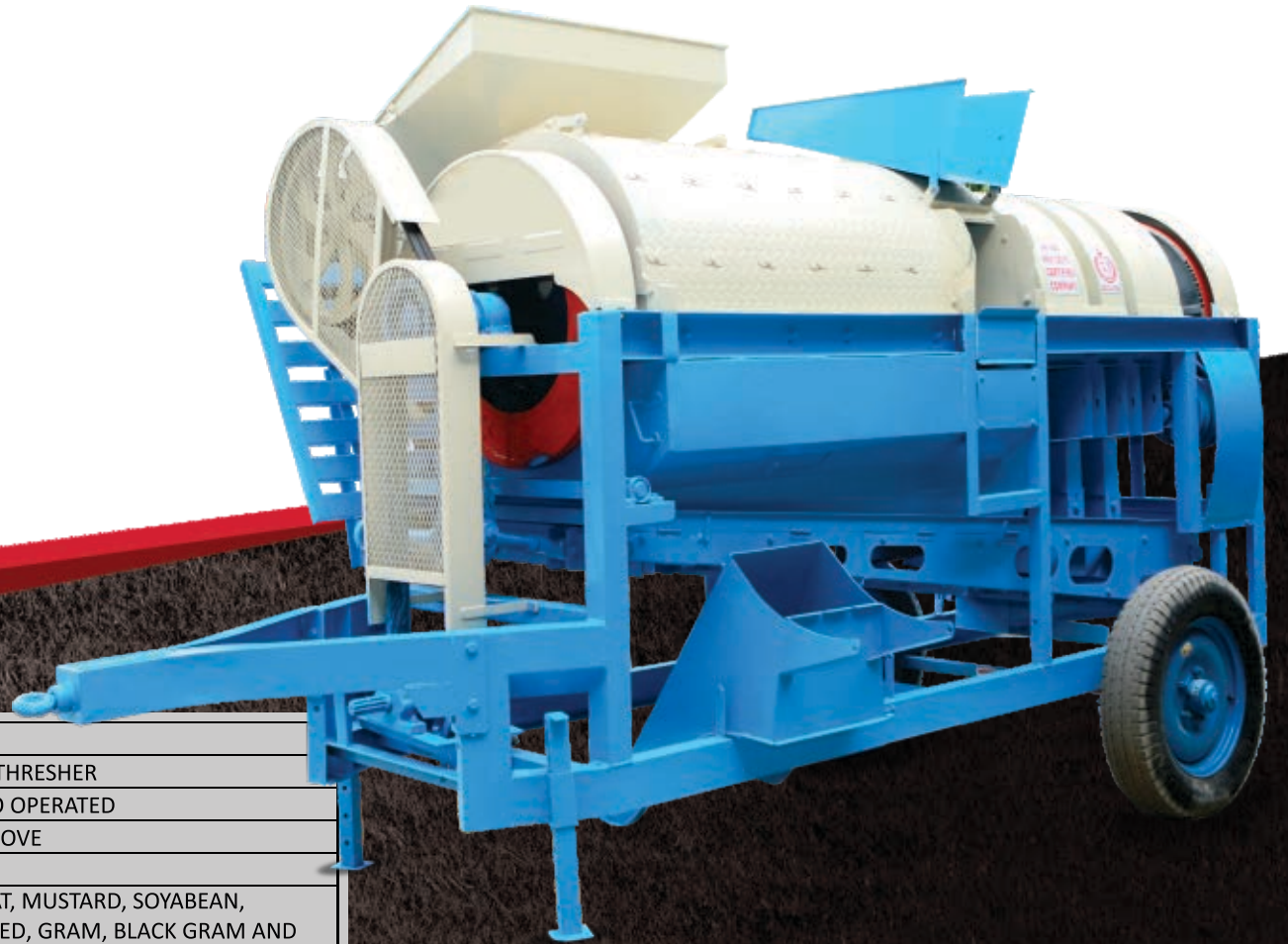
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MULTI-CROP THRESHER



P-80 WITH HOPPER

TYPE	MULTI CROP THRESHER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	35 H.P. OR ABOVE
TYRES	6.00.16
CROPS	PADDY, WHEAT, MUSTARD, SOYABEAN, CHICKPEAS, RED, GRAM, BLACK GRAM AND GREEN GRAM
SPEED	FAN SPEED VARIABLE
OVERALL DIMENSIONS (APPROX:)	
LENGTH	4210 MM
HIGHT	2465 MM
WIDTH	2595 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	36X62"
NO. OF BLOWERS	4

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

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MULTI-CROP THRESHER



P-80 WITH SIDE BASKET

TYPE	MULTI CROP THRESHER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	35 H.P. OR ABOVE
TYRES	6.00.16
CROPS	PADDY, WHEAT, MUSTARD, SOYABEAN, CHICKPEAS , RED GRAM , BLACK GRAM AND GREEN GRAM
SPEED	FAN SPEED VARIABLE
OVERALL DIMENSIONS (APPROX:)	
LENGTH	4210 MM
HIGHT	2940 MM
WIDTH	3110 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	36X62"
NO. OF BLOWERS	4

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MAIZE SHELLER



P-225 MINI MAIZE SHELLER

TYPE	MAIZE SHELLER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	25 H.P OR ABOVE
TYRES	6.00.16
CROPS	MAIZE
SPEED	CONSTANT
OVERALL DIMENSIONS (APPROX:)	
LENGTH	3020 MM
HIGHT	1872 MM
WIDTH	1445 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	40X19"
NO. OF BLOWERS	1
WEIGHT	440 KG

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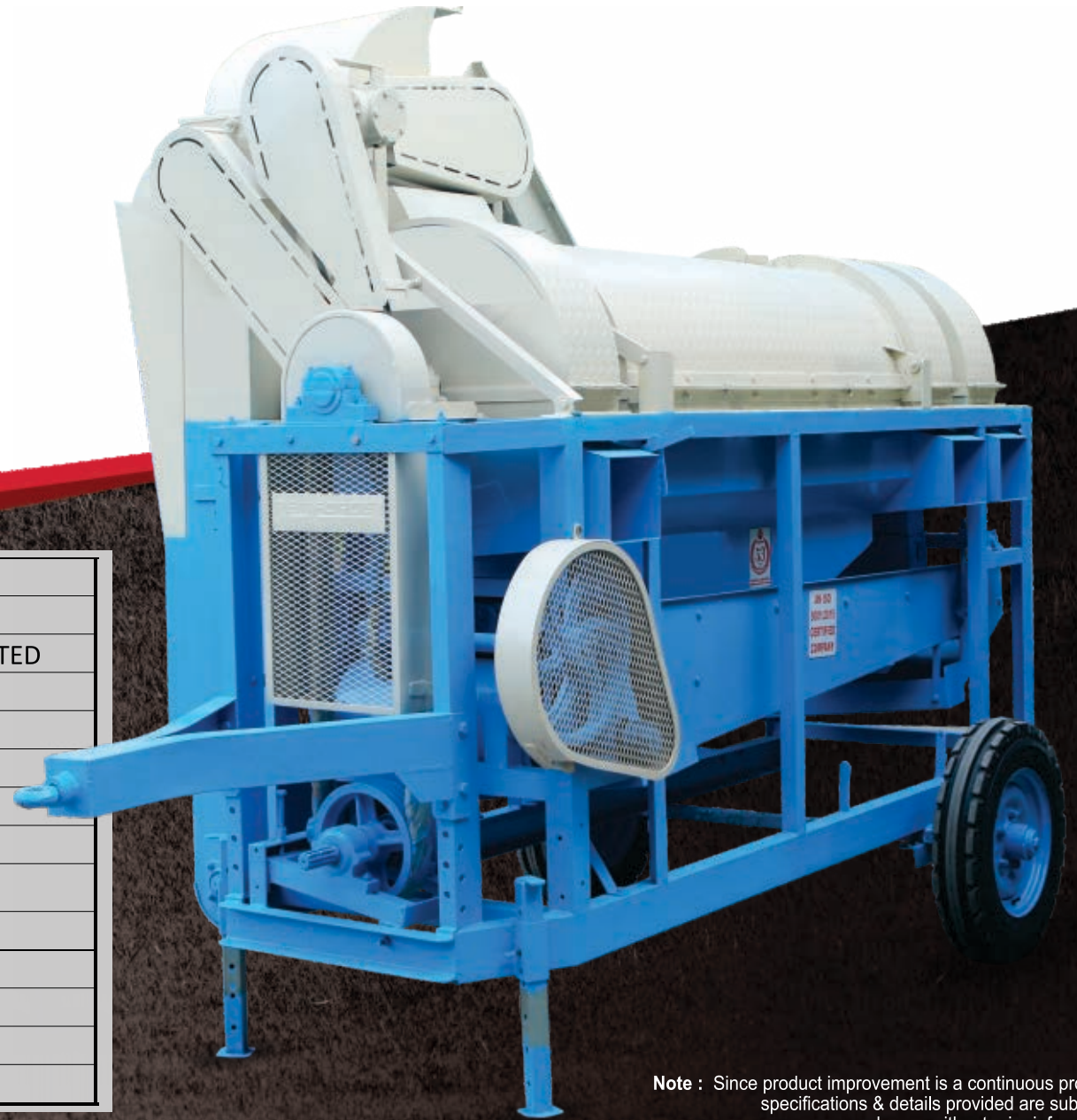
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MAIZE DEHUSKER



P-245 WITH BELT CONVEYOR

TYPE	MAIZE DEHUSKER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	35 H.P. OR ABOVE
TYRES	6.00.16
CROPS	MAIZE
SPEED	CONSTANT
OVERALL DIMENSIONS (APPROX:)	
LENGTH	4215 MM
HIGHT	2750 MM
WIDTH	1798 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	64X28"
NO. OF BLOWERS	4

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

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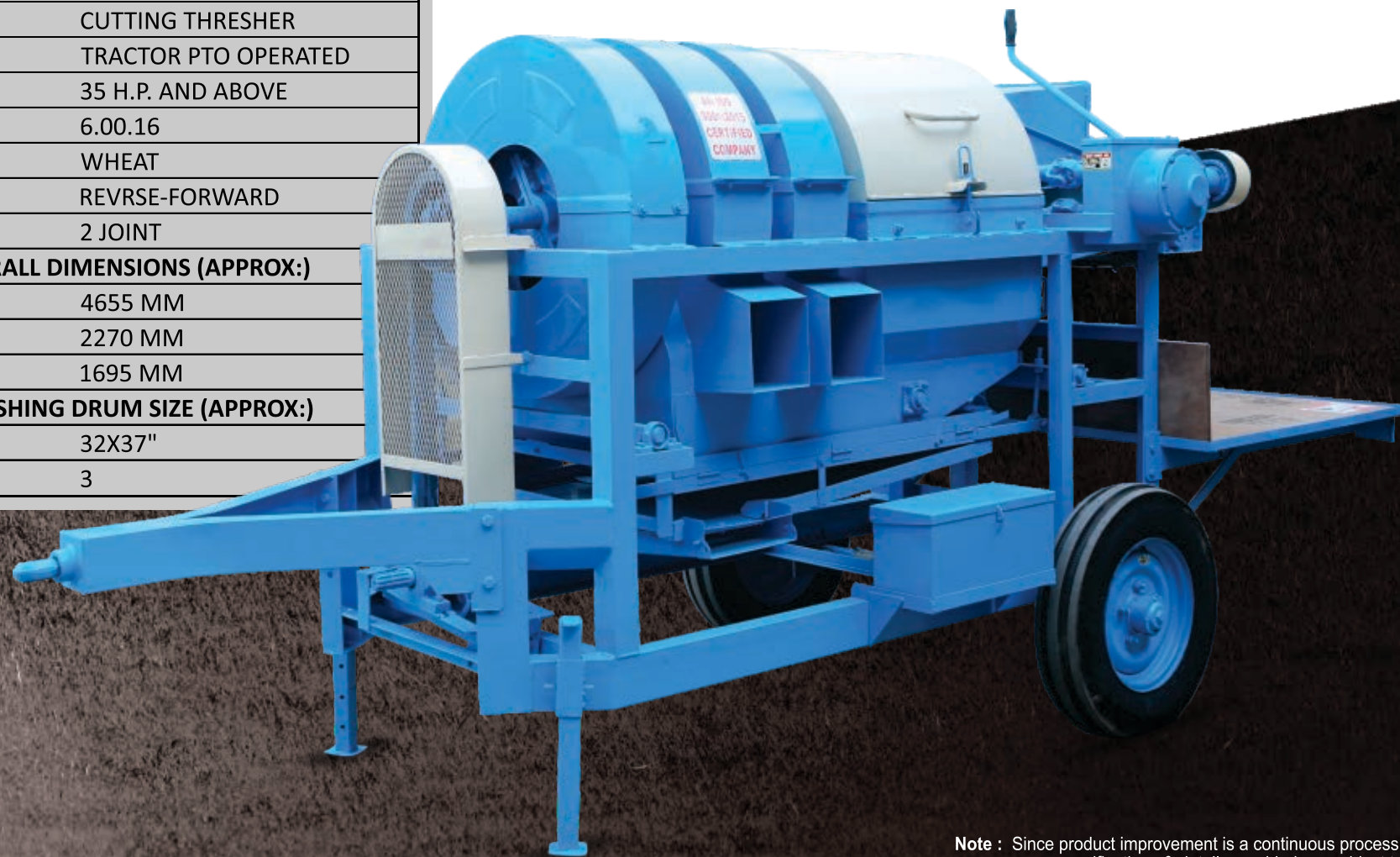
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CUTTING THRESHER

P-445	
TYPE	CUTTING THRESHER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	35 H.P. AND ABOVE
TYRES	6.00.16
CROPS	WHEAT
HEAD SPEED	REVRSE-FORWARD
GEAR AND HEAD TYPE	2 JOINT
OVERALL DIMENSIONS (APPROX:)	
LENGTH	4655 MM
HIGHT	2270 MM
WIDTH	1695 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	32X37"
NO. OF BLOWERS	3



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MULTI-CROP THRESHER

P-535 BACK BASKET

TYPE	MULTI CROP THRESHER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	35 H.P. OR ABOVE
TYRES	6.00.16
CROPS	PADDY, WHEAT, MUSTARD, SOYABEAN, CHICKPEAS, RED GRAM, BLACK GRAM AND GREEN GRAM
SPEED	FAN SPEED VARIABLE
OVERALL DIMENSIONS (APPROX:)	
LENGTH	5185 MM
HIGHT	2640 MM
WIDTH	2705 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	36X62"
NO. OF BLOWERS	4



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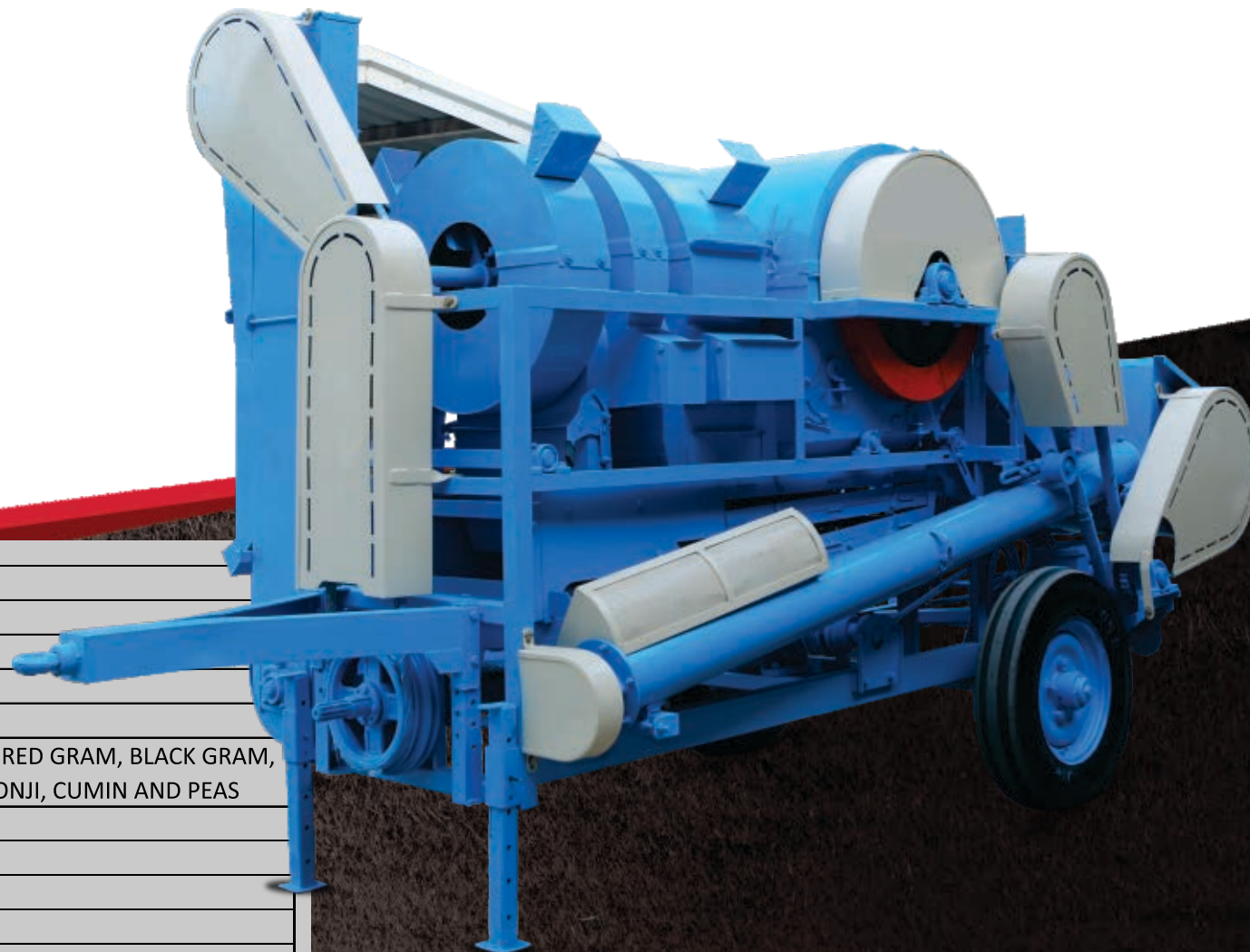
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MULTI-CROP THRESHER



P-825

TYPE	
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	25 HP
TYRES	6.00.16
CROPS	WHEAT, SOYABEAN, MUSTARD, RED GRAM, BLACK GRAM, GREEN GRAM, CORIANDER, KLONJI, CUMIN AND PEAS
SPEED	VARIABLE VIA PULLEY
OVERALL DIMENSIONS (APPROX:)	
LENGTH	4335
HIGHT	2647
WIDTH	1665
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	32.25"X30"
NO. OF BLOWERS	3
WEIGHT	1820 KG

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

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BASKET THRESHER



P-1060

TYPE	BASKET THRESHER
DRIVE	TRACTOR PTO OPERATED
REQUIRED POWER	H.P. OR ABOVE
TYRES	
CROPS	WHEAT, SOYABEAN, MUSTARD, RED GRAM, BLACK GRAM, GREEN GRAM, CORIANDER, KLONJI, CUMIN AND PEAS
SPEED	VARIABLE VIA PULLEY
OVERALL DIMENSIONS (APPROX:)	
LENGTH	5475 MM
HIGHT	2605 MM
WIDTH	2295 MM
THRESHING DRUM SIZE (APPROX:)	
DRUM SIZE	38.5X50"
NO. OF BLOWERS	4

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SHREDDER



Gear box with over running clutch



Rear Roller



Rotary with hammer



Side Belt Drive

Model	AS105	AS150
Type	Tractor PTO Operated	
Dimension in mm (L X W X H)	1125 X 780 X 700	1720 X 1150 X 855
Working Width	1050 mm	1500 mm
Tractor Power	18 - 24 HP	40 & Above Hp
Side Transmission Drive	Toothed Belt	
No. Of Blades	40/20	22
Type Of Blades	Y Type/Flat Hammer	Flat Hammer
No. of Belts	2	3
PTO Input Speed	540 RPM	
Hitching	Cat -	Cat -
Weight (KGs)	115	358

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

Features

- Shredder is reliable implement for shredding grass and bushes. When it is passed on the grass, clipping remains trapped inside the frame until they are cut into the pieces. Shredder returns the cut grass piece onto the yard where they quickly decompose and improving overall organic structure of the soil.
- Suitable for cutting coconut leaf, sugarcane trashes and cotton twigs.
- Suitable for grass cutting as well as cutting of small twinge in vine yards green manure and orchards.
- Shredding directly the entire cotton plant after harvesting.

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DISK RIDGER



3 Point linkage



Boron Disc



Bearing Housing



Adjustable angle of Disc & Scraper

DESCRIPTION	2 Disk	4 Disk
Mounting CAT	Cat II	
Main Frame	100 X 100 (Square pipe Frame)	
Size of Disk	660 mm x 5/6 mm thick	
Type Of Disk (Material)	Plain (High Carbon/Boron)	
Working Width Range (mm Approx.)	1420 (Depends On working with Adjustment and soil moisture)	2400 (Depends On working with Adjustment soil moisture)
Spacing Between Disk	Adjustable	
Over All: L x W x H (mm)	910 x 2000 X 1385	1700 X 2550 X 1485
Working Depth Range (mm Approx.)	150 - 300 (Depends On soil moisture and field condition)	
Weight (Approx. in Kgs)	190	400
Suitable HP Range	35 - 50	50 Above

Features

- Fully or easily adjustable for row spacing size and depth.
- Available in 2 bottoms and 4 bottoms to make one and 2 ridges resp.
- It is easily operated in each and every type of soil.
- Its high quality boron steel given extra life to equipment.
- 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.

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

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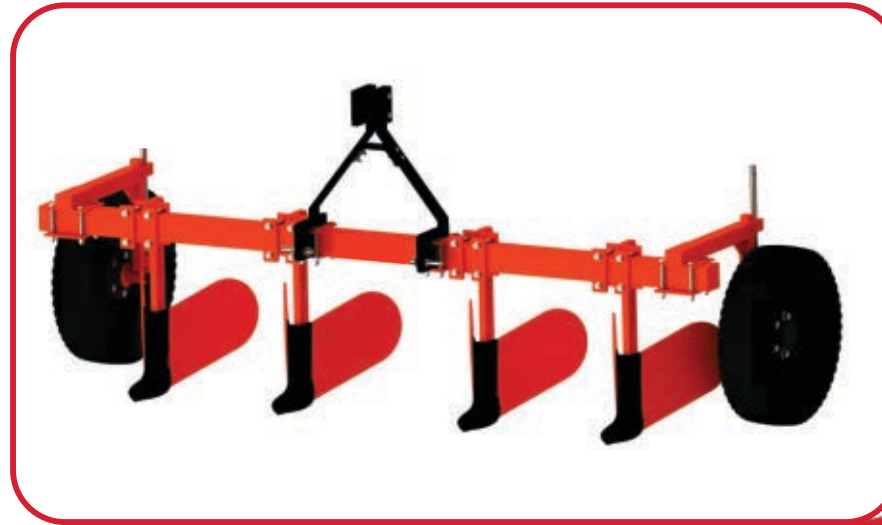
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RIDGER WITH TYRE



Main Frame & 3 Point linkage



Furrow



Easy to adjust the tyne width and depth



Easy to control depth with help of tyres

Description	4 Furrow	5 Furrow
Mounting	3 Point Linkage (CatII)	
Main Frame (mm)	100 X 50	
Furrow	5 mm thick	
Type Of Furrow	M.S	
Working Width Range (mmApprox.)	Adjustable	
Spacing Between	Adjustable	
Working Depth Range (mmApprox.)	210 to 250	
Weight (Approx. in Kgs)	350	490
Suitable HP Range	50-70	70-90

Features

- It is best suited for medium to light soils. It is used for simple ridge making which makes it useful for planting vegetables & crops and allows water management in the fields. It is a basic implement which makes it very easy to use. It can be easily transported by mounting it directly to the three point linkage of the tractor.
- Its robust pipe frame provides adequate weight & strength to the ridger, allowing it to make bunds / ridges properly.
- The distance between furrows can be adjusted which allows the farmer to vary the height width of the ridge/bund.
- The ergonomically designed shovels used in this CULTIVATOR have a unique composition which ensures high durability & efficient working.
- The working depth of the ridge/bund can be controlled using the tyres provided with the Ridger

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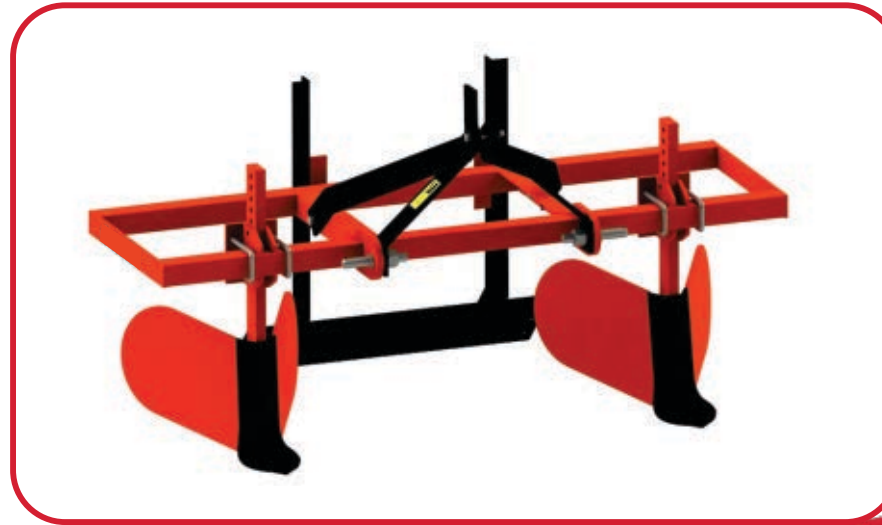
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BED FORMER



Main Frame & 3 Point linkage



Heavy Foot



Tyne can adjust easily with help of clamp



Harveing Bush

DESCRIPTION	BED FORMER
Number of Tynes	2
Mounting CAT	Cat II
Main Frame (mm)	50 X 50 Sq pipe
Number Of Clamp	2
Bed Size	Adjustable
Weight (Approx. in Kgs)	250
Suitable HP Range	35-50

Features

- It is used for cultivation of multi crops Groundnut, Bellary onion, Ragi, Maize, Black Gram, Coriander, Vegetables, Banana, Papaya, Sappota, Bitter gourd with this Implement it is possible to lay levelled beds, bunds and irrigation channels etc., quickly and perfectly.
- This Implement is multi operational to lay levelled beds, bunds and irrigation channels etc.,
- It works quickly and perfectly.
- It can conveniently be converted as bundformer with ridger by removing the leveller.

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

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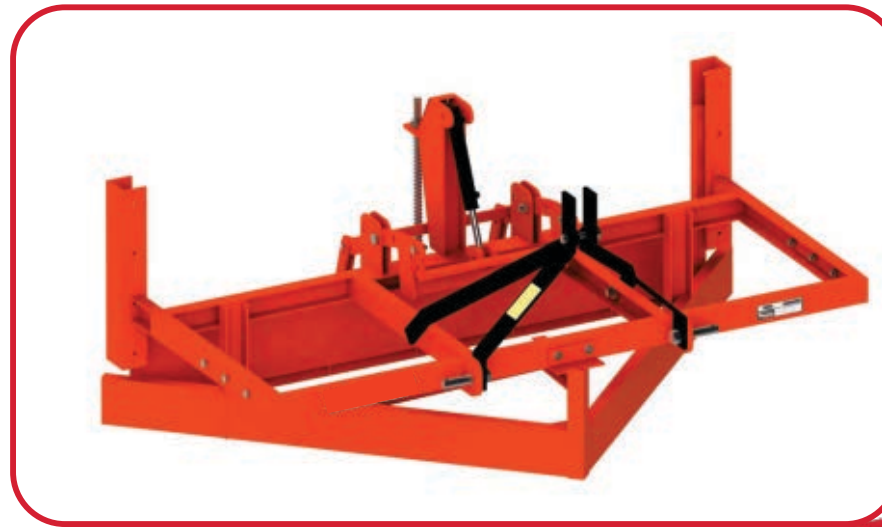
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BUNDING MACHINE



3 Point linkage



Hyd. System



Furrow attachment



Harveing Bush

Description	Bunding Machine
Main Frame (mm)	75 X 40
Operated By	Hydraulic Cylinder
Working Width Range (Approx. mm)	1930
Working Depth Range (Approx. mm)	150 - 200
Driving wheel Dia, mm	470
OverAll: Length x Width x Height (mm)	1070 X 2070 X 1000
Mounting	3 point linkage (Cat II)
Weight (Kgs)	275
Suitable HP Range	35 - 45

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

Features

- It is Used for forming bunds in well prepared soil to facilitate formation of plots, irrigation and identification.
- It is drawn with the help of a tractor in fields.
- It is mostly used for water coservation in dry area.
- It can store 6 to 8 inches rain water and conserve it.
- It is used full for cultivation of Groundnut, Bellary onion, Ragi, Maize, Black Gram, Coriander, Vegetables, Banana, Papaya, Sappota, Bitter gourd with this Implement it is possible to lay levelled beds, bunds and irrigation channels etc., quickly and perfectly.

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MULCHING MACHINE



Main Frame & 3 Point linkage



Back Furrow



Fertilizer arrangement



Dripping pipe arrangement

Description	Mulching Machine
Main Frame (mm)	65 X 65 mm
Mulching Paper (Size feet)	3.5/4 Roll
Bed Preparation Height Range (Approx. mm)	4" to 8"
Drip Pipe Laying	Adjustable for all types of rolls.
Marking & Hole Punching	Adjustable
Mounting	CAT II
Weight Kgs (Approx.)	310 Kg
Suitable HP Range	35 to 55
Overall Length x Width x Height in mm	1730 X 1805 X 2030 mm
Hole Punching System	4,8,12,16,20 (Inch)

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

Features

- It is multi operational equipment used to raise bed preparation, lying of dripping pipe and mulching film and fertilizing.
- Main purpose of this machine is save time and money and water also.
- It is the best path to recover and redevelop your farming.
- Hole Punching (Distance can be maintained) & Marking Lays 2.5 FT, 3 FT, 3.5 FT, 4 FT, 4.5 FT Plastic Mulch
- Marking & Hole Punching (Adjustable Single, Double and Zigzag 4 , 8 , 12 , 16 , 20 , 24 , 48 inch)
- Fertilizer Spreading

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SUGARCANE PLANTER



Main Frame & 3 Point linkage



Furrow



Fertilizer arrangement



PTO shaft with cover

Description	Sugarcane Planter
Number of Furrows	2
Mounting CAT	Cat II
Main Frame (mm)	100 X 50 channel
Farrow Bases thickness (in mm)	25
Number Of Clamp	2
Working Width Range (Approx.)	4,4.5,5 Feet
Overall Dimensions (L X W X H) mm	1830 X 1885 X 2745
Maximum Depth (mm)	150-250(Depends on soil moisture and field conditions)
Suitable HP Range	45 Above
Total Weight (Approx.)Kgs	850

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

Features

- “Sugarcane Planter” covers six operations at a time.
- It consist of sugarcane cutting block and fertilizer box.
- The gear box operates the PTO shaft according to the tractor speed.
- There is sitting arrangement with two chair for sugarcane placing.
- The given ridger is useful for making deep farrow openings.
- This Ridger prior to planting / sowing operations.
- It having arrangement for changing the size of row.

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SUGARCANE STRUBBER



3 Point Linkage



Blades



Adjustable Tyne



Heavy Duty Gear Box

DESCRIPTION	SUGARCANE STRUBBER
NumberOfBlades	8
Mounting CAT	CatII
Main Frame	50 X 50 mm Sq Pipe
Blades	Boron Steel
NumberOF Tyne	2
Drive/Out	PTO 540 RPM/180 RPM
Over All: Length x Width x Height (mm)	1580 x 1800 x 1060
Weight (Approx. in Kgs)	249
Suitable HP Range	35 To 55

Features

- Row spacing Size and depth of the ridge can be adjusted.
- This machine is used for the chopping of sugarcane stems with ground level.
- Improve germination of shoots and no chances of pests and fungus attack.
- It serve preparation cost and labour cost and time also.
- Performs Inter-culture operations
- Reduces frequency and duration of irrigation
- Reduces total cost of production of Sugarcane crop

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

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HUDRAULIC BUCKET ARM



3 Point linkage



Bucket



Easy turning arrangement



Hydraulic arrangement

Model Number	ARM-01
Main Frame	100 X 100 mm Sq Pipe
Match Tractor	for 45 - HP tractor
Bucket Capacity (M3):	0.2
Bucket Width:	0.8 m
Overall Dimensions (During Transportation):	1875 X 840 X 1528 mm (L X W X H)
Bucket Rotating Angle (Degree):	120°
Discharging Height (mm)	1800 (Approx.)
Control Level	1 (Hydraulic Cylinder)

Features

- The Hydraulic Bucket is ideal for loading trucks, carts and other.
- It is fabricated with the highest quality steel plates and hydraulic tilting.
- It is mostly used for farm goods and waste loading.
- Ruggedly constructed from tabular steel, the crane is capable of lifting a load up to 200-300 kg. The goose-neck design makes it particularly handy for loading and unloading trucks and trailers.
- Used almost daily on any farm.
- Simple - One minute attachment.
- It is recommended that the stabilizer bar chain be used if transporting over rough ground.
- Height of lift is adjustable with help of hydraulic system

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

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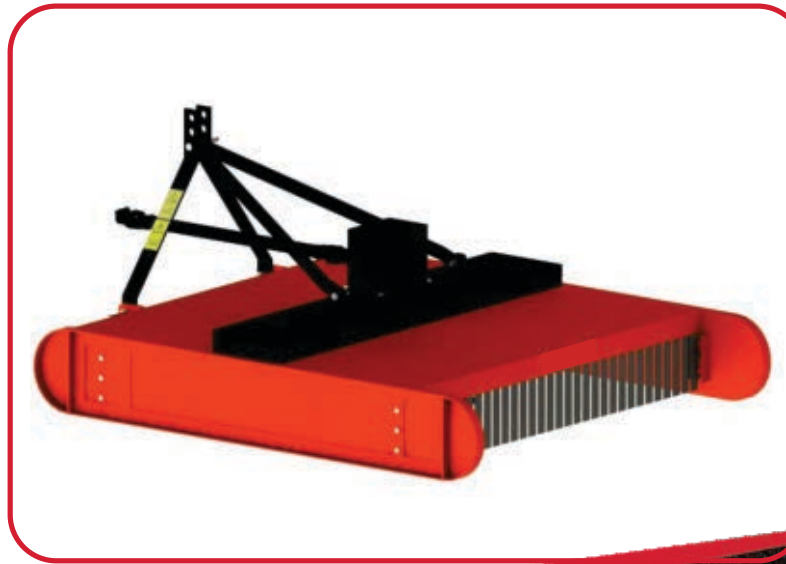
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ROTARY SLASHER

BENEFITS

The grass cutter mower horizontal slashing is the most versatile method of grass cutting. Rotary slasher is powerful enough to cope with tall weeds and small bushes, yet giving a satisfactory fine cut on turf areas mounted with optional front and rear rollers, scalping is minimal. Tractor-mounted rotary slasher provides a very cost-effective grass cutting solution. Rotary slasher is one of the best machines in itself for cutting unwanted wild grass



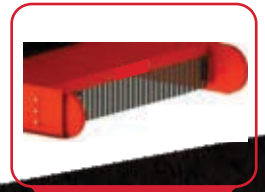
3 Point Linkage



Blade



Gear Box



Rubber or chain Safety

Description	Light Dusty 5	Heavy Duty 6	Heavy Duty 7
No of Blades	2	2	2
Size of Board in (Inch)	10		
Complete width of Cut in (mm)	1524	1830	2130
Mounting CAT	Cat II		
3 Point Linkage Flat	75 X 12T		
Size of frame (mm)	100 x 25		
PTO Rpm	540		
Material of Blades	EN 8		
Over All Length x Width x Height (mm)	2050X1675X950	2050X1930X950	2050X2235X950
Suitable HP Range	45 to 55	55 to 70	70 to 90

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

Features

- Designed for fast application to any type of 35-50 HP tractors with three point linkage.
- Safety chain shield standard.
- Tractor driven suitable for P.T.0.540 rpm.
- Rotary slasher and grass slasher having reversible steel blades for cutting wild grass, shrubs, weeds, sugarcane stacks, etc.
- Cutting width : approx.6 feet & 7 Feet.

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ROTARY HAY RACK



Model	Description
Mounting CAT	Cab II
Dia. of Rotor wheel (mm)	2900
Total number of Arm	9
PTO kpm	450
Tension Method	Spring
NO. OF double Tines Per Arm	3
Working width Range (mm Approx.)	2500 mm
Weight (Approx. in Kgs)	450
Suitable HP Range	45 and Above

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

Features

- Hay Rake especially designed for collecting cut hay or straw into windrows. Then collect those straw by Round or Square Baler.
- Heavy Machine Construction
- Simple Mechanism & Low Maintenance
- Easily Height Adjusting by Level Arm
- Easy Baling for Round / Square Baler
- Uniformity Raking

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