Agricultural Implements...







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World Class Agricultural Implements....

MOULD BOARD PLOUGH

ADVANTAGE

- * This PLOUGH can handle the toughest ploughing job with outstanding penetration performance.
- * It is designed to work in all type of soil for basic function such as soil breaking, soil raising and soil turning.
- * It can be used in stony & rooted soils.

FEATURES

- * The under frame and unit-to-unit clearance are adequate to cope with tough conditions.
- * Adding an extra furrow or repositioning units to allow for extra clearance is quick and easy.
- * The plough has special wear-resistance steel bottoms with bar points for toughest ploughing jobs.
- * Bar points bottoms ensure longer life as they can be extended or reserved or re-used till the last possible lenght.

| DESCRIPTION | 2 FURROW | 3 FURROW |
|-----------------------------|--------------------------------|--------------------------------|
| FRAME | 65 X 65 BOX | 65 X 65 BOX |
| TYNE(MM) | 32 MM profile cut single piece | 32 MM profile cut single piece |
| LENGTH | 1310 MM | 2000 MM |
| WIDTH | 740 MM | 1100 MM |
| HEIGHT | 1050 MM | 1100 MM |
| BLADE | 10 MM | 10 MM |
| SHOVEL | 40 X25 MM BAR/32 MM | 40 X25 MM BAR/32 MM |
| MOULD BOARD PLATE | 8 MM | 8 MM |
| 3 POINT LINKAGE | 65 x 16 mm Flat | 65 x 16 mm Flat |
| WIDTH OF CUT (MAXIMUM) | 615 MM | 915 MM |
| DEPTH OF CUT (MAXIMUM) | 350 mm | 350 mm |
| TRACTOR POWER REQUIRED (HP) | 40 HP & Above | 55 HP & Above |
| APPROX WEIGHT | 240 Kg. | 355 Kg. |



World Class Agricultural Implements....

OFFSET DISC HARROW

ADVANTACE

- * Can be used in open field working for the superficial ploughing, for the shattering of clods, preparation of soil for sowing, burial of organic substances & remains.
- * To air the soil and to eliminate the weeds.
- * For breaking the roots.
- * It can be used in light and medium soil.

FEATURES

- * High quality boron steel disc.
- * Easily transportable as it gets easily attached and mounted.
- * Maintenance is easy but need to be scheduled.

| DESCRIPTION | 8X8 | 9X9 | 10X10 |
|------------------------|---|--|--|
| NO OF DISCS | 16 | 18 | 20 |
| FRAME | 75 X 10 Angle with 100 x 50 MM Channel | 75 X 10 Angle with 100 x 50 MM Channel | 85 x 85 mm Squire box |
| GANG BOLT | 30 mm Central Square Solid Bar | 30 mm Central Square Soild Bar with split gangs | 30 mm Central Square Soild Bar with split gangs |
| LENGTH | 2130 mm | 2230 mm | 2280 mm |
| HEIGHT | 1200 mm with 610 mm disc | 1200 mm with 610 disc | 1200 mm with 610 disc |
| DISTANCE BETWEEN DISCS | 225 mm | 225 mm | 225 mm |
| MOUNTING | CAT.I/II (OPTIONAL) | CAT.I/II (OPTIONAL) | CAT.I/II (OPTIONAL) |
| DISC DIAMETER (MM) | 610 | 610 | 610 |
| TYPE OF DISCS | No | otched in front & plain in Re | ar |
| BEARING HUB (NOS.) | 6 | 6 | 8 |
| WIDTH OF CUT | 1800-1850 mm | 2000-2100 mm | 2250-2300 mm |
| POWER REQUIRED (HP) | 45-50 HP | 50-55 HP | 55-60 HP |
| WEIGHT (KGS) | 500 with 610 mm disc | 550 with 610 mm disc | 600 with 610 mm disc |

World Class Agricultural Implements....



TANDEM DISC HARROW

ADVANTAGE

- * Used in open field working for the superficial ploughing, for the shattering of clods, preparation of soil for sowing, burial of organic substances & remains.
- * To air the soil and to eliminate the weeds.
- * For breaking the roots.
- * To air the soil and to eliminate the weeds.
- * It can be used in hard soil.

FEATURES

- * Effectively breaks up heavy clods because of sturdy design and weight.
- * High quality boron steel disc.
- * Bearing spools for better lubrication and less load on tractor.
- * Easily transportable as it can be mounted on tires.
- * Maintenance is easy but need to be scheduled.

| SIZE | 8X8 | 9X9 | 10X10 |
|------------------------|----------------------------------|---|---|
| FRAME | 100 X 100 Square Box frame | 100 X 100 Square Box frame | 100 X 100 Square Box frame |
| GANG BOLT | 30 MM Central Squre Solid Bar | 30 MM Central Squre Solid Bar with split gangs | 30 MM Central Squre Solid Bar with split gangs |
| LENGTH | 1875 MM | 1875 MM | 1875 MM |
| WIDTH | 1875 MM | 2100 MM | 2325 MM |
| POWER REQUIRED (HP) | 50 HP & ABOVE | 60 HP & ABOVE | 70 HP & ABOVE |
| NO OF DISCS | 16 | 18 | 20 |
| TYPE OF DISCS | Notched Front / Plain Rear | Notched Front / Plain Rear | Notched Front / Plain Rear |
| DISC DIAMETER | 610 MM | 610 MM | 610 MM |
| WIDTH OF CUT | 1775 MM | 2000 MM | 2225 MM |
| DISTANCE BETWEEN DISCS | 225 MM | 225 MM | 225 MM |
| BEARING HUBS | 6 With taper roller bearing | 8 With taper roller bearing | 8 With taper roller bearing |
| HEIGHT | 1100 MM | 1100 MM | 1100 MM |
| WEIGHT | 750 kg (Approx.) | 850 kg (Approx.) | 950 kg (Approx.) |



World Class Agricultural Implements.....

TRACTOR CRANE WITH HYDRAULIC POST HOLE DIGGER

The tractor crane is accomplished with stabilizers that make it capable of sustaining heavy load. The crane supported with hydraulic post-hole digger proves to be fastest method for situating electricity pole, easily loading & unloading.

Features:

- * Trouble-free loading and unloading
- * Simple extension of the crane boom
- * Heavy-duty channel

| TRACTOR CRANE | Model : TC | |
|----------------------------|--|--|
| FRAME | 75X200 MM CHANNEL HEAVY DUTY | |
| JACK | 3 NO. HYDRAULIC DOUBLE ACTING | |
| HYDRAULIC PIPE | HEAVY DUTY | |
| BOOM EXTENSION | 60" | |
| SUITABLE FOR | 2 METER TO 13 METER ELECTRIC POLE(CEMENT CONCRETE POLE) ERECTION | |
| HYDRAULIC POST HOLE DIGGER | | |
| PTO RPM | 540 | |
| REQUIRED POWER | 40 HP & ABOVE | |
| MAIN FRAME | 150 X 150 MM SQUARE | |
| HYDRAULIC JACK | 1 NO DOUBLE ACTING (WITH CONTROL WALL) | |
| GEAR BODY | MADE with GRADED C.I. | |
| OIL CAPACITY | 5 LITERS - SAE 140 | |
| GEAR, RATIO | BEVEL 2: 1 | |
| BEARINGS | ALL TAPER ROLLER | |
| P.T.O. | TELESCOPE TYPE | |
| AUGER POINT | STEEL WITH CARBIDE BIT | |
| AUGER BLADE | HIGH CARBON WITH CARBIDE TIPS | |
| NUT / BOLTS | HIGH-TENSILE | |
| OUTPUT CAPACITY | Average 40 Hole / Hour | |
| APPROX WEIGHT | 1200 KG | |
| AUGUR SIZE | 12" DIA. X 66" DEPTH CAPACITY | |



World Class Agricultural Implements....

ROTARY TILLER

Rotary Tiller produces a fine seed bed with one or two passes before and after rain. It is most suitable for the removal of stubble in sugarcane, wheat, banana and cotton. It retains soil moisture and increases soil porosity and aeration, which enhances germination and growth of crops.

FEATURES

- * Fuel expenses saving can be to the tune of 15% TO 35%
- * It can immediately prepare soil. Soil moisture of previous crop does not go waste
- * Suitable to use in dry as well as wet land cultivation.
- * Suitable for light and medium soil conditions.
- * Used for loosening and aerating soil up to depth of 125 mm- 150 mm.
- * Prepares seed bed quickly and economically.

| DESCRIPTION | RT 175 CM | RT 200 CM |
|------------------------------|-------------|-------------|
| NO. OF BLADES | 42 | 48 |
| OVERALL WIDTH | 205 cm | 230 cm |
| TILLAGE WIDTH | 175 cm | 200 cm |
| GEAR BOX | Multi Speed | Multi Speed |
| SIDE TRANSMISSION | Gear Driven | Gear Driven |
| P.T.O. SPEED(rpm) | 540/1000 | 540/1000 |
| GEAR BOX OVERLOAD PROTECTION | Shear Bolt | Shear Bolt |
| TRACTOR POWER | 45-50 HP | 50-55 HP |
| APPROX. WEIGHT | 500 Kg. | 550 Kg. |



World Class Agricultural Implements....

RIGID TILLER/CULTIVATOR

Rigid Cultivator is designed to withstand toughest work conditions of hard black soils. The profile cut tynes get their strength because of a peculiar design in which the stress prone points are shaped to resist any distorting strains.

FEATURES

* Main frame is made out of heavy duty reinforced with projection flats.

| DESCRIPTION | RC9 | RC11 | RC13 |
|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|
| FRAME | | 80x80x6 mm Heavy Duty Square | 80x80x6 mm Heavy Duty Square |
| TYNES(MM) | Profile cut single piece 25 MM THK. | Profile cut single piece 25 MM THK. | Profile cut single piece 25 MM THK. |
| ANGLE BRACKET | 50 X 08 MM | 50 X 08 MM | 50 X 08 MM |
| SHOVELS | 8 MM | 8 MM | 8 MM |
| FRAME BOLT | HIGH TENSILE | HIGH TENSILE | HIGH TENSILE |
| 3 POINT LINKAGE | 50 X 16 MM | 65 X 16 MM | 65 X 16 MM |
| HEIGHT | 1175 MM | 1175 MM | 1175 MM |
| LENGTH | 2000 MM | 2450 MM | 2900 MM |
| APPX. WEIGHT | 210 KG | 250 KG | 280 KG |



World Class Agricultural Implements....

HEAVY DUTY SPRING LOADED TILLER

SPRING LOADED CULTIVATOR (TILLER) is designed for the light and medium soils. Used for loosening and aerating soil to a depth of 225 mm. Prepares seed beds quickly and economically.

FEATURES

* When one tyne strikes a hidden object, the others continue to work at correct depth.

| DESCRIPTION | HDSLT RC9 | HDSLT RC11 | HDSLT RC13 |
|---------------------|---------------------|---------------------|---------------------|
| FRAME | 75x40 mm channel | 100 X 50 mm channel | 100 X 50 mm channel |
| SPRING | 10 mm WD, 50 mm OD | 10 mm WD, 50 mm OD | 10 mm WD, 50 mm OD |
| TYNE | 25"x 32 mm forged | 25"x 32 mm forged | 25"x 32 mm forged |
| PAIRS | 65 X 6 MM ANGLE | 65 X 6 MM ANGLE | 65 X 6 MM ANGLE |
| ANCHOR PIN | 25 MM | 25 MM | 25 MM |
| SHOVELS | 8 x 70 mm | 8 x 70 mm | 8 x 70 mm |
| FRAME BOLT | 12 X32 HIGH TENSILE | 12 X32 HIGH TENSILE | 12 X32 HIGH TENSILE |
| 3 POINT LINKAGE | 50 X 12 MM | 65 X16 MM | 65 X 16 MM |
| HEIGHT | 1180 MM | 1180 MM | 1180 MM |
| LENGTH | 2000 MM | 2450 MM | 2450 MM |
| WIDTH | 750 MM | 750 MM | 750 MM |
| TILLER PIN | 28 MM (STANDARD) | 28 MM (STANDARD) | 28 MM (STANDARD) |
| POWER REQUIRED (HP) | 35 HP | 40-45 HP | 40-45 HP |
| APPROX. WEIGHT | 225 KG | 275 KG | 310 KG |



World Class Agricultural Implements....

POLY DISC HARROW / PLOUGH

Poly Disc Harrow/Plough is designed to work hard soils. It is useful in hard and dry land conditions. The extra heavy-duty frame has clearance allowing the plough to operate under heavy crop residue.

FEATURES

- * The tractor takes minimum load while working even in toughest soil conditions.
- * Perfectly balanced for best ploughing result.
- * Available in plain disc as well as notched disc (Both made from boron steel)
- * Specialy designed bearing hub with the combination of ball bearing & taper roller bearing)
- * Heavy duty frame & axle.

| DESCRIPTION | PDH-6 | PDH-7 | PDH-8 |
|---------------------------|----------------------------------|------------------|------------------|
| NO. OF DISC | 6 | 7 | 8 |
| FRAME | 8 MM THK. TUBE | 8 MM THK. TUBE | 8 MM THK. TUBE |
| GANG AXLE ROD | DIA. 89 MM | DIA. 89 MM | DIA. 89 MM |
| BEARING HUBS | 2 Nos. | | |
| SPOOL | EXTRA HEAVY DUTY | EXTRA HEAVY DUTY | EXTRA HEAVY DUTY |
| TYPE OF DISC | Notched Or Plain Disc (OPTIONAL) | | |
| DISC DIAMETER (MM) | 660 MM | 660 MM | 660 MM |
| WIDTH OF CUT (MM APPROX.) | 1455 MM | 1635 MM | 1885 MM |
| DISTANCE BETWEEN DISCS | 228 MM | 228 MM | 228 MM |
| WEIGHT (KG. APPROX.) | 385 KG | 425 KG | 450 KG |
| POWER REQUIRED (HP) | 55-75 | 65-90 | 75-110 |



World Class Agricultural Implements....

TIPPING TRAILER

ADVANTAGE

- * Flexibility of unloading goods & materials by simply tipping them; saves operating cost.
- * Removable & drop down door gives flexibility of loadings & unloading.
- * Rear door drop down & vise versa.

FEATURES

- * Heavy duty frame & structured framework brings in greater strengths & stability.
- * Reliable & heavy duty hydraulic cylinder that works under varying work conditions.
- * Durable hitch

| DESCRIPTION | 5 - 8 TON | 8-10 TON | |
|---------------------------|--|--|--|
| OUTER DIMENSION | 3050 X 1800 X 500 mm | 3350 x 1950 x 600 mm | |
| MAIN CHASSIS (MM) | 150X 75 mm MS CHANNEL | 200 X 75mm MS CHANNEL | |
| SECOND CHASSIS (MM) | 100 X 50 mm MS CHANNEL | 125 X 65 mm MS CHANNEL | |
| SUPPORT CHANNEL | 75 X 40 MS CHANNEL | 75 X 40 MS CHANNEL | |
| FLOOR PLATFORM | 4 MM THIKNESS | 5 MM THIKNESS | |
| SIDE WALL | 3 MM THIKNESS CORRUGATED /PLAIN | 3 MM THIKNESS CORRUGATED /PLAIN | |
| FRONT DOOR | Bolted | | |
| SIDE AND REAR DOORS | Both side and rear door drop down | | |
| WHEEL RIM | Heavy duty double plate (FOLDING) | | |
| TYRES | 2 nos. of 9.00x16 | 2 nos. of 9.00 x16 | |
| NO. OF AXLE | ONE | ONE | |
| PAINT | PU Paint | PU Paint | |
| HYUDRALICJACK FOR TIPPING | 10 tone capacity HEAVY DUTY double stage | 15 tone capacity HEAVY DUTY double stage | |
| HITCH BEAM | FORGING FOR EASY | TRANSPORTATION | |
| AXLE | 75 MM SQUARE (WATER PROOF) | 90 MM SQUARE (WATER PROOF) | |
| AXLE BEARING | TAPER ROLLER | | |
| REQUIRED POWER (HP) | 35-45 | 45-55 | |
| APPROX. WEIGHT(WITH TYRE) | 1400 KG | 1700 KG | |



World Class Agricultural Implements....

DISC RIDGER

ADVANTAGE

The Disc Ridger is made of heavy duty tubular box frame, hitch system, and discs. It is used for making irrigation banks of up to 500 - 600 mm height and 600 - 800 mm width for effective control of flood irrigation or bunds of the size and shape to match crop and soil conditions.

FEATURES

- * Disc Ridger can produce ridge with maximum width.
- * Available in 2 bottoms & 4 bottoms to make one ridge & two ridge respectively.

| DESCRIPTION | DR - 1 | DR - 2 |
|------------------------------|--------------------|--------------------|
| FRAME (MM) | 100 X 100 (SQUARE) | 100 X 100 (SQUARE) |
| NO OF DISCS | 2 | 4 |
| DISC DIA. X THICKNESS (MM) | 660 X 6 | 660 X 6 |
| MAXIMUM WIDTH BETWEEN RIDGES | 1010 mm | 1010 mm |
| WORKING DEPTH (MM) | 350 | 330 |
| FRAME'S WIDTH (MM) | 1850 | 2525 |
| REQUIRED TRACTOR POWER (HP) | 35 & ABOVE | 60 & ABOVE |
| APPROX. WEIGHT | 200 KG | 450 KG |

World Class Agricultural Implements....

LEVELLER

ADVANTAGE

- * Heavy Duty Land Leveller is ideal for levelling, filling, farmyard clearing etc.
- * It is suitable for sticky soils as well

FEATURES

- * Heavy duty Land Leveller is a simple and rugged Implement which is directly fitted to the tractor.
- * The 6 mm -10 mm single plate duty reinforced, makes our leveller trouble free in operation.
- * It is a basic implement for leveling of land.
- * Levelling Blade is made out of special steel which gives it double the life compared to ordinary blades.
- * The Leveller is available with 6, 7 and 8 ft. width.

| DESCRIPTION | HDLL 7 | HDLL 8 |
|--------------------|----------------------|-----------------------|
| FRAME | 7 MM & 75X40 CHANNEL | 10 MM & 75X40 CHANNEL |
| SIDE SUPPORT | 7 mm Plate | 8 mm Plate |
| THICKNESS OF PLATE | 7 mm | 8 mm |
| BLADE THICKNESS | 6 mm | 6 mm |
| 3 POINT LINKAGE | 50x12 mm | 65x12 mm Flat, |
| CENTRAL SUPPORT | MS 75x40 mm Channel | MS 75x40 mm Channel |
| LINKAGE PIN | 28 mm STANDARD | 28 mm STANDARD |
| LENGTH | 2150 mm | 2450 mm |
| APPROX. WEIGHT | 160 Kg. | 175 Kg. |



World Class Agricultural Implements....

MOUNTED DISC PLOUGH

ADVANTAGE

Mounted Disc Plough can handle the toughest ploughing jobs. For extremely hard ground and soil with large roots and other obstructions, one can obtain outstanding penetration performance. The under frame and unit-to-unit clearances are adequate to cope with hard conditions. Perfect alignment of the sub-beams carrying the Disc bottoms is maintained by virtue of the frame construction. An adjustable and spring-loaded furrow wheel takes care of the side draft and the implement moves smoothly.

FEATURES

- * It is directly mounted to the tractors.
- * The extra heavy-duty seamless tubing frame has high clearance allowing the plough to operate under heavy crop residue.

| DESCRIPTION | MDP - 3 | MDP - 4 |
|------------------|--|--|
| FRAME (MM) | Heavy Duty seamless tubular frame (OD 168 mm with 11 mm thickness) | Heavy Duty seamless tubular frame (OD 168 mm with 11 mm thickness) |
| MOUNTED | CAT-II | CAT-II |
| LENGTH | 2400 MM | 3000 MM |
| WIDTH | 1050 MM | 1250 MM |
| HEIGHT | 1225 MM | 1250 MM |
| DISCS | 660 X 6 | 660 X 6 |
| DISC SPACING | 550 MM | 575 MM |
| COULTER DISC | 500 X 6 MM | 500 X 6 MM |
| SCRAPPER | 6 MM - ADJUSTABLE | 6 MM - ADJUSTABLE |
| BEARINGS | 2 NOS. TAPER ROLLER | 2 NOS. TAPER ROLLER |
| WIDTH OF CUT | 875-925 MM | 1150-1200 MM |
| REQUIRED TRACTOR | 50-60 HP | 70-80 HP |
| WEIGHT(KG. appx) | 400 KG | 500 KG |



World Class Agricultural Implements....

POST HOLE DIGGER

ADVANTAGE

Post Hole Digger is used to make pits of plantation for mangoes, coconut, tea, pomegranate, sugarcane, solar plants, road light electric pole etc.

FEATURES

- * Hole Digger suitable for 18 HP to 75 HP, with 540 PTO RPM Available in12", 18", 24"or 36", hole diameter augurs.
- * Has a stabilizer for preventing swaying.

| PTO RPM | 540 |
|-----------------|--|
| REQUIRED POWER | 40 Hp & Above |
| MAIN FRAME | 150 x 150 mm square |
| HYDRAULIC JACK | 1. No Double Acting (With Control Valve) |
| GEAR BODY | Made with graded C.I. |
| OIL CAPACITY | 5 liter - SAE 140 |
| GEAR RATIO | Bevel 2: 1 |
| BEARINGS | All Taper Roller |
| P.T.O. | Telescope type |
| AUGER POINT | Steel with carbide bit (Replaceable) |
| AUGER BLADE | High Carbon with carbide tips |
| NUT / BOLTS | High-tensile |
| OUTPUT CAPACITY | 60 Hole / hour approx. |
| APPROX WEIGHT | 500 Kg |
| AUGUR SIZE | 18" Dia. x 72" Depth |