

AGFE

AG FARM EQUIP - CULTIVATING WORLD



# About us

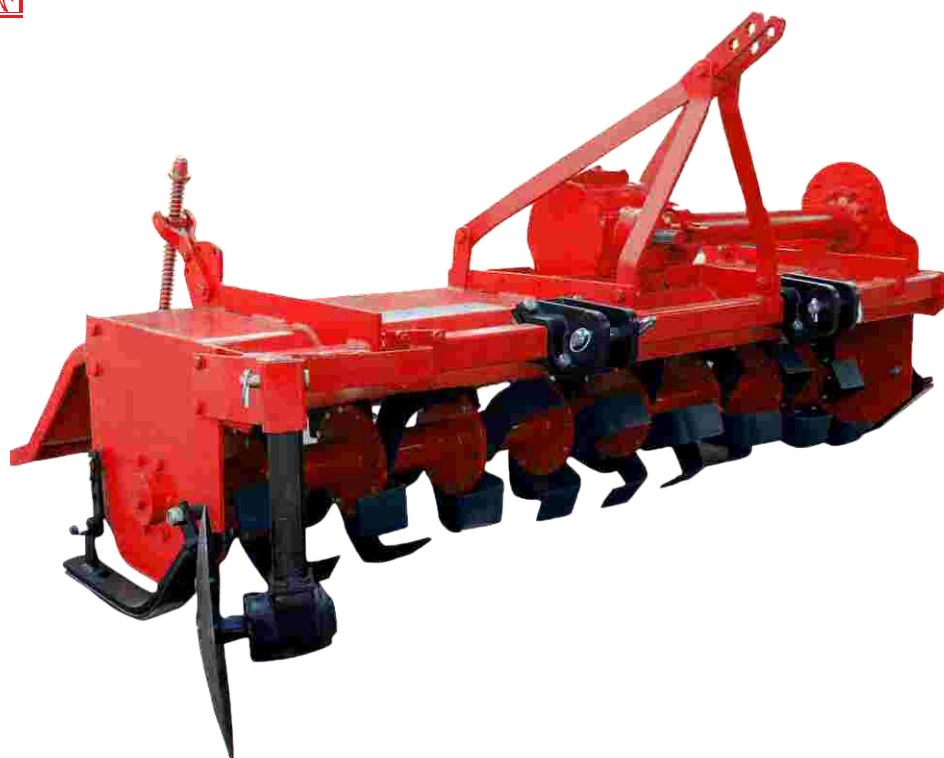
Ag Farm Equip (AGFE) is a globally renowned supplier of Farm Equipments under the brand name AGFE. Over the years, AGFE has established as a preferred brand amongst farmers in several countries. Company`s manufacturing product range includes disc blades (Boron steel - 30 MnB5 grade & High carbon steel - SAE 1070) , Rotary Tiller blades ( 80 x 7mm, 70 x 8 mm ) and agricultural implements ranges from Rotary Tillers (Rotavator), Disc Ploughs, Disc Harrows, Disc Ridgers, Tyne Ridgers, Tipping Trailers, Spring Loaded Tillers, Rigid Tillers, Land Levellers, Post Hole Diggers, Sub soilers, Rotary Slashers etc. With our emphasis on quality and zero defects, we have made a strong presence in domestic as well as international market. We use best engineering practices to manufacture implements of International standards. We believe in building a long term relationship with our customers by providing them quality products, best after sales service and timely delivery. Growing, protecting, and harvesting crops requires advanced knowledge of agricultural elements. With Agri-equipments's hands-on training, we teach farmers advanced methods that they'll need to grow a successful crop.

Ag farm Equip engineers have travelled the world and have a rich understanding of agricultural environments as well as use of different types of implements. Our engineers will suggest you the required implements to suit your land based on your area's soil and weather conditions.

**AG FARM  
EQUIP  
CULTIVATING  
WORLD**

## Quality Policy

AG FARM EQUIP strives to achieve enhanced customer satisfaction by delivering quality products through timely completion with safe working environment. We dedicate ourselves for continual improvement in all fields of our business.



## Benefit & Features

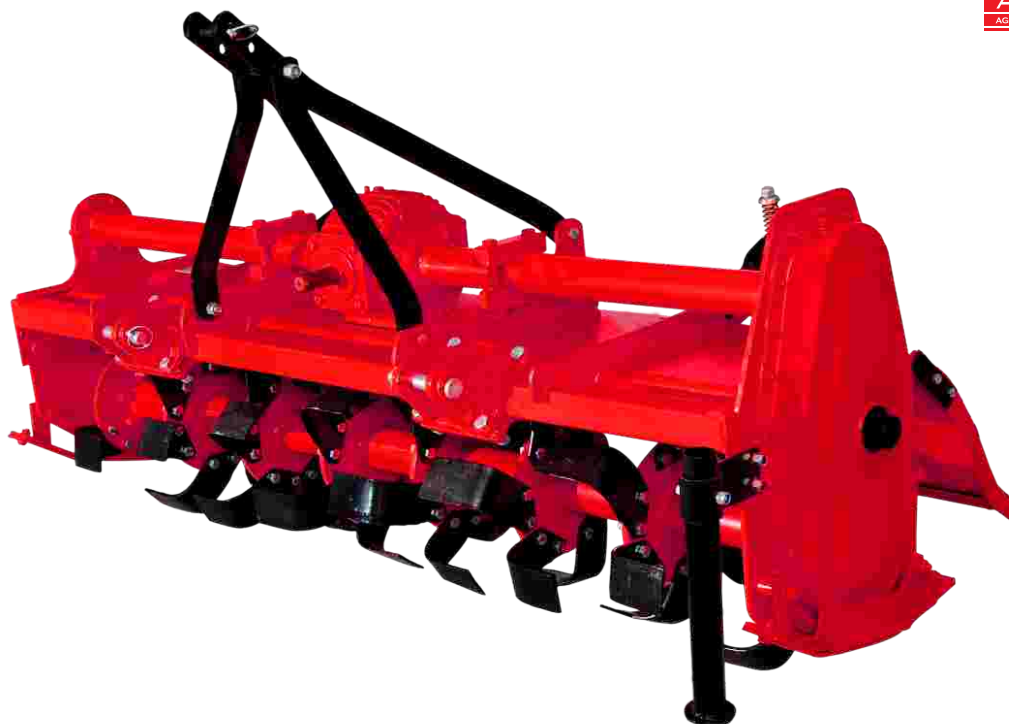
- Single speed gear box with 3 Point linkage, Compatible with 540 PTO RPM.
- Easy depth adjustment.
- Available in both gear drive.
- Available with L & C type blades.
- Prepares seed beds quickly and economically.( Fuel consumption is less).
- Suitable for use in dry as well as wet land cultivation.
- Suitable for light and medium soil conditions.
- Used for loosening and aerating soil up to a depth of 5-6 inches.

## Specification

MODEL	AGRTSS 125/1030	AGRTSS 150/1036	AGRTSS 175/1042	AGRTSS 200/1048
TRACTOR POWER	35-40	40-45	45-50	50-60
TILLAGE WIDTH	125 cm	150 cm	175 cm	200 cm
GEARBOX	SINGLE SPEED			
P.T.O. SPEED (R.P.M.)	540			
ROTOR SPEED	190			
GEAR BOX OVERLOAD PROTECTION	SHEAR BOLT			
TYPE OF BLADE	L & C Type			
No. OF FLANGES	6	7	8	9
No. OF BLADES	30	36	42	48
TOTAL WT.	320 Kg. (Approx.)	370 Kg. (Approx.)	418 Kg. (Approx.)	470 Kg. (Approx.)

\*The weight and working data contained in the present leaflet are supplied for information only and are not binding. Specification and size can be altered as part of ongoing product modification/improvement.

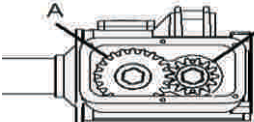
# ROTARY TILLER (REGULAR MULTI SPEED GEAR DRIVE)



## Benefit & Features

- Long lasting blades (L & C Types) made out of special quality wear resistant steel.
- Sealed bearings prevent moisture/mud entry.
- High quality drive shaft.
- Well shaped adjustable rear trailing board.
- Fuel expenses saving can be to the tune of 20 to 40%.
- It can immediately prepare the soil, the soil moisture of previous crop does not go waste.
- Pudding in wet fields is done smoothly, quickly & efficiently.

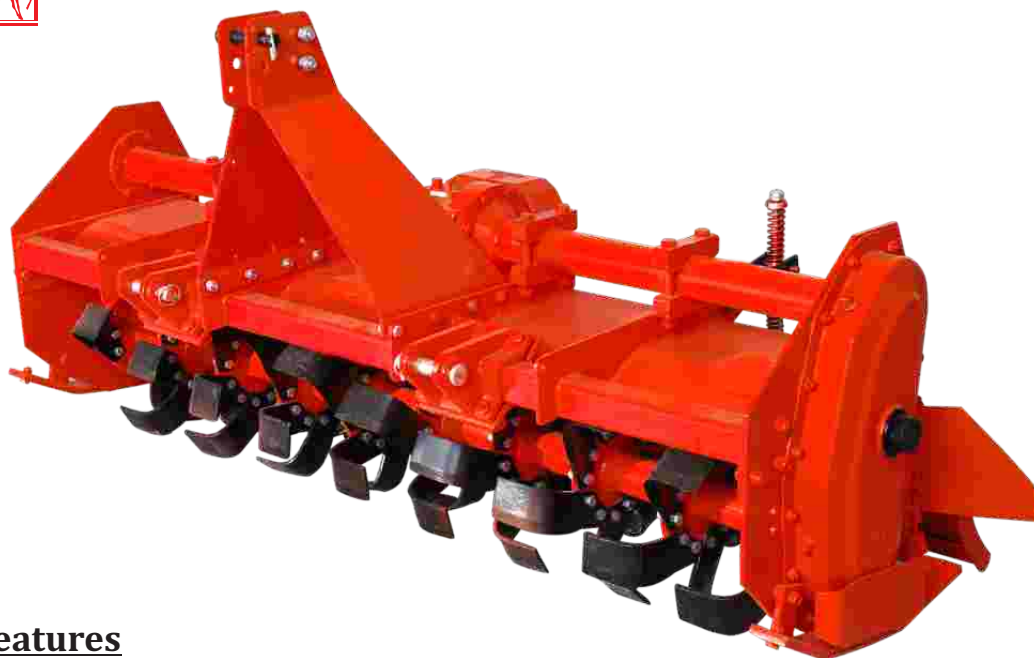
## Specification

DESCRIPTION	AGRTMS 125/2030	AGRTMS 150/2036	AGRTMS 175/2042	AGRTMS 200/2048					
TRACTOR POWER	35-40	40-45	45-50	50-60					
TILLAGE WIDTH	125 cm	150 cm	175 cm	200 cm					
GEARBOX	Multi (4 Speed)				P.T.O RPM				
SIDE TRANSMISSION	Gear Drive								
TYPE OF BLADE	L & C Type				540			ROTOR RPM (C/D)	
NO. OF FLANGES	6	7	8	9		A	B		
NO. OF BLADES	30	36	42	48		17	16	205	
GEAR BOX OVERLOAD PROTECTION	Shear Bolt					16	17	231	
						18	15	182	
WEIGHT (approx.)						15	18	261	
						22	11	190	
					1000				

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# ROTARY TILLER (PADDY SPECIAL) - MULTI SPEED




## Benefit & Features

- Fast and economical solution for your tillage needs.
- Special rotor design & helical blade arrangement puts much less load on the tractor, which saves fuel.
- Gear drive. Multi speed gearbox. Compatible with 540 PTO RPM and 1000 PTO RPM.
- Distinctive implements & gearbox design makes the implement much lighter and thus, puts minimal load on the tractor.
- Suitable for use in dry as well as wet land conditions. Suitable for soft and medium soil conditions.
- Heavy duty PTO with shear bolt for gearbox overload protection.
- Easily adjust the cutting depth by using the side skid depth adjustment.
- Comes with specially made Super high quality boron steel blades that last much longer than other regular rotary tiller blades. Available in L and C type blade options.
- Innovative bearing housing & seal design prevents moisture/mud entry which results in much longer bearing life.

## Specification

DESCRIPTION	AGUMSG-165/3048	AGUMSG-185/3054	AGUMSG-205/3060
GEAR BOX	MULTI SPEED		
NO. OF BLADE	48	54	60
NO. OF FLANGE	8	9	10
ROTOR TYPE	Heavy duty Seamless Pipe		
P.T.O. RPM	540/1000		
TYPE OF SIDE DRIVE	GEAR		
DISTANCE BETWEEN FLANGE	200mm		
3-POINT LINKAGE / CATEGORY	CAT-I & CAT-II		
PULL TYPE	Mounted		
GEAR BOX OVER LOAD PROTECTION	Shear Bolt		
WIDTH OF CUT (CM - Approx)	165	185	205
WEIGHT (Kg. Approx)	435	460	485
TRACTOR POWER (HP)	35~45	45~55	55~65

P.T.O RPM			
540	A	B	ROTOR RPM (C/D)
	16	20	181
	20	16	284
	17	19	203
1000	19	17	253
	12	24	210

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# MINI SERIES - SINGLE SPEED ROTARY TILLER



## **Benefit & Features**

- Most appropriate tillage equipment for fruits and vegetable growers, rice growers, hobby farmers, landscapers, nurseries, vineyards, green house farmers and gardeners.
- Fast and economical solution for your tillage needs.
- An economical option for small farm owners.  
Perfect match to compact narrow tractors to use under overhanging branches of orchards.
- Suitable for wet land application in combination with mini light weight tractors.
- Suitable for use in dry as well as wet land conditions.
- Heavy duty PTO with shear bolt for gearbox overload protection.
- Easily adjust the cutting depth by using the side skid depth adjustment.
- Comes with specially made Super high quality boron steel blades that last much longer than other regular rotary tiller blades.
- Innovative bearing housing & seal design prevents moisture/mud entry which results in much longer bearing life.

## **Specification**

DESCRIPTION	AGMRTG-80/4016	AGMRTG-100/4020
GEAR BOX	SINGLE SPEED	
NO. OF BLADE	16	20
NO. OF FLANGE 4 5	4	5
ROTOR TYPE	SEAMLESS PIPE	
P.T.O. RPM	540	
TYPE OF SIDE DRIVE	GEAR	
3-POINT LINKAGE / CATEGORY	CAT -I	
GEAR BOX OVER LOAD PROTECTION	SHEAR BOLT	
WIDTH OF CUT (CM- Approx)	80	100
WEIGHT (Kg. Approx)	175	210
TRACTOR POWER (HP)	15~20	20~25

## MOUNTED DISC PLOUGH



### Benefit & Features

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

### Specification

MODEL	AGMDP-2	AGMDP-3	AGMDP-4	AGMDP-5
FRAME (mm)	SEAMLESS TUBULAR FRAME (OD-168,ID-146)			
AXLE TYPE	FORGED SPINDLE			
NO. OF DISC 2 3 4 5	2	3	4	5
TYPE OF DISC / BLADE	BORON STEEL & HIGH CARBON STEEL			
DISC DIAMETER (mm)	610, 660, 710MM & THICKNESS 4~8MM			
DISC SPACING (mm)	570MM (23" APPROX)			
BEARING HUBS 2 3 4 5	2	3	4	5
MOUNTED CATEGORY	CAT-II			
WIDTH OF CUT (mm - Approx)	500~550	875~925	1150~1200	1575~1625
WEIGHT (Kg. Approx)	310	415	510	620
TRACTOR POWER (HP)	320 Kg. (Approx.)	370 Kg. (Approx.)	418 Kg. (Approx.)	470 Kg. (Approx.)

# TUBULAR DISC PLOUGH



## Benefit & Feat

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

## Specification

MODEL	AGMDP-2	AGMDP-3	AGMDP-4	AGMDP-5
FRAME (mm)	SEAMLESS TUBULAR FRAME (OD-168,ID-146)			
AXLE TYPE	FORGED SPINDLE			
NO. OF DISC 2 3 4 5	2	3	4	5
TYPE OF DISC / BLADE	BORON STEEL & HIGH CARBON STEEL			
DISC DIAMETER (mm)	610, 660, 710MM & THICKNESS 4~8MM			
DISC SPACING (mm)	570MM (23" APPROX)			
BEARING HUBS 2 3 4 5	2	3	4	5
MOUNTED CATEGORY	CAT-II			
WIDTH OF CUT (mm - Approx)	500~550	875~925	1150~1200	1575~1625
WEIGHT (Kg. Approx)	310	415	510	620
TRACTOR POWER (HP)	320 Kg. (Approx.)	370 Kg. (Approx.)	418 Kg. (Approx.)	470 Kg. (Approx.)



# MOUNTED DISC PLOUGH



## Benefit & Features

- The disc plough is designed to work in all types of soil for functions such as soil breaking, soil raising, soil turning and soil mixing.
- 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 specially useful in hard and dry trashy land conditions and in soils where scouring is a major problem.
- It is being produced with 2-3-4 and 5 bottoms with an option for extra kit for furrow addition.
- It is directly mounted to the tractor.
- Extra heavy-duty pipe frame has high trash clearance allowing the plough to operate despite heavy crop residue.

## Specification

DESCRIPTION	AGMDP-2	AGMDP-3	AGMDP-4	AGMDP-5
AXLE TYPE	Sprindle			
DRAWBAR TYPE	Round/Hexagonal			
NO. OF DISC	2	3	4	5
MOUNTED CAT.	CAT-II			CAT-II/III
TYPE OF DISC	Notched or Plain Disc (Optional)			
DISC DIAMETER (MM)	560 x 6 T (26") or 710 X 7 T (28")			
DISC SPACING (MM/INCH)	570/23			
WIDTH OF CUT	500-550/20"-21"	875-925/34"-36"	1150-1200/45"-47"	1575-1625/62"-64"
BEARING HUBS	2	3	4	5
WEIGHT (KG./LBS APPROX.)	310/684	419/915	510/1125	620/1367
TRACTOR POWER (HP)	50-60	65-80	85-100	105-125

# HEAVY DUTY HYDRAULIC HARROW



## Benefit & Features

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

## Specification

DESCRIPTION	AGHDHH-20	AGHDHH-22	AGHDHH-24	AGHDHH-28	AGHDHH-32
FRAME	SQUARE TUBE 132X132X6MM & 100X100X6MM				
GANG BOLT / AXLE TYPE	SOLID SQUARE 40MM (ROD)				
NO. OF DISC 20 22 24 28 32	20	22	24	28	32
TYPE OF DISC/ BLADE	BORON STEEL & HIGH CARBON STEEL				
DISC DIAMETER (mm)	610, 660MM & THICKNESS 4~6MM				
DISC SPACING	228 MM (9")				
BEARING HUBS	8				
PULL TYPE	TRAILED				
TYRE SIZE	10.0/75-15.3 & 12.5/80-15.3 (8 TO 22 PR)				
GANG ANGLE ADJUSTMENT	MANUAL				
WIDTH OF CUT (mm - Approx)	2300	2500	2700	3100	3500
WEIGHT (Kg. Approx)	1630	1760	1845	2015	2170
TRACTOR POWER (HP)	80~90	90~110	115~135	140~165	170~190

# MOUNTED OFFSET DISC HARROW



## Benefit & Features

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

## Specification

DESCRIPTION	AGMODH-12	AGMODH-12	AGMODH-16	AGMODH-18	AGMODH-20	AGMODH-22	AGMODH-24
FRAME (mm)	75X10 ANGLE FRAME WITH 100X50 FRONT CHANNEL TATA						
GANG BOLT/AXLE	32 mm (SOLID SQ. ROD) Grade En 8						
NO. OF DISC	12	14	16	18	20	22	24
TYPE OF DISC	NOTCHED DISC IN FRONT GANG & PLAIN DISC IN REAR GANG						
DISC DIAMETER (mm)	Boron/H.C. 560X4T (22 INCH.)						
WIDTH OF CUT (mm approx)	1420	1635	1852	2068	2285	2502	2718
DISTANCE BETWEEN DISCS	9 Inch (228 mm)						
BEARING HUBS	4		6		8		
WEIGHT (Kg. approx)	390	430	500	575	615	676	731
POWER REQUIRED (HP)	30~40	40~50	50~60	60~70	70~80	80~90	90~100

## COMPACT MODEL DISC HARROW



### Benefit & Features

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

### Specification

DESCRIPTION	AGCMDH-16	AGCMDH-18	AGCMDH-20	AGCMDH-22	AGCMDH-24
FRAME (mm)	SQ. 100X6 T TUBE				
GANG BOLT/AXLE	32 mm (SOLID SQ. ROD)				
NO. OF DISC	16	18	20	22	24
TYPE OF DISC	BORON NOTCHED DISC IN FRONT GANG & PLAIN DISC IN REAR GANG				
DISC DIAMETER (mm)	Boron 660X6 mm (26 INCH)				
WIDTH OF CUT (mm approx)	1912	2128	2345	2562	2778
DISTANCE BETWEEN DISCS	9 Inch (228 mm)				
BEARING HUBS	6	8			
WEIGHT (Kg. approx)	840	960	1025	1095	1170
POWER REQUIRED (HP)	50-60	65-75	80-90	100-110	115-135

# MOUNTED HEAVY DUTY TANDEM DISC HARROW



## **Benefit & Features**

- Heavy Duty 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.
- Used in open field working for shattering of clods, preparation of soil for sowing and burial of organic substances and crop residue.
- Easy to transport in mounted condition using the tractor lift.
- Available with the options of high carbon steel discs and high quality boron steel discs with 48-52 HRC hardness.
- High quality bearings and hubs ensure smooth operation and put minimal load on the tractor.

## **Specification**

DESCRIPTION	AGTDHH-20	AGTDHH-24
FRAME (mm)	72 X 72 X 5 (T) (SQUARE TUBLER FRAME )	
GANG BOLT/AXLE	28 MM (SOLID SQ. ROD) GRADE EN 8	
NO. OF DISC 20 24	20	24
TYPE OF DISC	PLAIN / NOTCHED DISC (OPTIONAL)	
DISC DIAMETER (mm)	BORON/H.C. 508 X 3 (T) I 558 X 4 (T) (OPTIONAL)	
WIDTH OF CUT (mm approx)	2408	2842
DISTANCE BETWEEN DISCS	9 INCH (228 MM)	
BEARING HUBS	8 (UC - 211)	
WEIGHT (Kg. approx)	580	640
POWER REQUIRED (HP)	55~65	75~90



# MOUNTED MEDIUM DUTY TANDEM DISC HARROW



## Benefit & Features

- AGFE Medium Duty 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 soft and medium soil conditions.
- Used in open field working for shattering of clods, preparation of soil for sowing and burial of organic substances and crop residue.
- Easy to transport in mounted condition using the tractor lift.
- Available with the options of high carbon steel discs & high quality boron steel discs with 48-52 HRC hardness.
- High quality bearings and hubs ensure smooth operation and put minimal load on the tractor.

## Specification

DESCRIPTION	AGTDHM-12	AGTDHM-16	AGTDHM-20
FRAME (mm)	60 X 60 X 5 (T) (SQUARE TUBLER FRAME )		
GANG BOLT/AXLE	25 MM (SOLID SQ. ROD) GRADE EN 8		
NO. OF DISC 12 16 20	12	16	20
TYPE OF DISC	PLAIN / NOTCHED DISC (OPTIONAL)		
DISC DIAMETER (mm)	BORON/H.C. 457 X 3 (T) / 508 X 3 (T) (OPTIONAL)		
WIDTH OF CUT (mm approx)	1415	1848	2280
DISTANCE BETWEEN DISCS	9 INCH (228 MM)		
BEARING HUBS	8 (UC - 210)		
WEIGHT (Kg. approx)	300	385	440
POWER REQUIRED (HP)	25~30	35~40	45~50

# EXTRA HEAVY DUTY SPRING LOADED CULTIVATOR



## Benefit & Features

- AGFE Extra heavy duty spring loaded tiller is designed for toughest tillage operations.
- It is suitable for use in stone and root obstructed soil.
- Spring Loaded Tine Assemblies derive their strength from heavy duty angles, which once fixed to the immensely strong main frame cannot move out of position.
- Loosens and aerates the soil to a depth of up to nine inches.
- When one tine strikes a buried object, the others continue to work at the correct depth.
- It prepares seed beds quickly and economically.
- Comes with high quality reversible steel shovels.

## Specification

DESCRIPTION	AGEHD-9	AGEHD-11	AGEHD-13	AGEHD-15
FRAME	75x40 mm (Channel)	75x40 mm (Channel)	100x50 mm (Channel)	100x50 mm (Channel)
SPRING	10 mm WD, 50 mm OD 28.5 Coild	10 mm WD, 50 mm OD 28.5 Coild	10 mm WD, 50 mm OD 28.5 Coild	10 mm WD, 50 mm OD 28.5 Coild
TYNES	50x25 mm (Forged)	50x25 mm (Forged)	50x25 mm (Forged)	50x25 mm (Forged)
PAIRS	65x65x6 mm Angle (Main Steel)	65x65x6 mm Angle (Main Steel)	65x65x6 mm Angle (Main Steel)	65x65x6 mm Angle (Main Steel)
FRAME BOLT	M12x35 (High Tensile)	M12x35 (High Tensile)	M12x35 (High Tensile)	M12x35 (High Tensile)
TYNE BOLT	M18x65 (High Tensile)	M18x65 (High Tensile)	M18x65 (High Tensile)	M18x65 (High Tensile)
LINKAGE 3 POINT	50x16 mm (Rear) 50x16 mm (Front)	50x16 mm (Rear) 50x16 mm (Front)	50x16 mm (Rear) 65x16 mm (Front)	50x16 mm (Rear) 65x16 mm (Front)
SHOVEL	8 mm EN-42	8 mm EN-42	8 mm EN-42	8 mm EN-42
LENGTH	2000 mm	2457 mm	2914 mm	3371 mm
WIDTH	850 mm	850 mm	850 mm	850 mm
HEIGHT	585 mm	585 mm	585 mm	585 mm
CATEGORY	CAT - II	CAT - II	CAT - II	CAT - II
WEIGHT	285 Kg.	345 Kg.	405 Kg.	480 Kg.
TRACTOR POWER (HP)	40-45	50-55	60-65	70-75



## **Benefit & Features**

- AGFE spring loaded tiller is simple in design but sturdy in performance.
- It is suitable for use in soft and medium soil conditions.
- The dual spring loaded tine assemblies derive their strength from heavy duty angles, which once fixed to the main frame cannot move out of position.
- Loosens and aerates the soil to a depth of up to nine inches.
- When one tine strikes a buried object, the others continue to work at the correct depth.
- It prepares seed beds quickly and economically.
- Comes with high quality reversible steel shovels.

## **Specification**

DESCRIPTION	AGSLC-9	AGSLC-11
FRAME	75x40 mm (Channel)	75x40 mm (Channel)
SPRING	10 mm WD, 50 mm OD 27 Coils	
TYNES	50x22 mm (Forged)	
PAIRS	50x8 mm Flat	
ANCHOR PIN	25 mm	
NUTS	Nylock	
FRAME BOLT	M 12x32 (High Tensile)	
TYNE BOLT	16x90 mm	
LINKAGE 3 POINT	65x12 mm	
SHOVEL	8mm Hi-Carbon	
LENGTH	2000 mm	2457 mm
WIDTH	712 mm	
HEIGHT	533 mm	
TILLER PIN	28 mm	
WEIGHT	210 Kg.	260 Kg.
TRACTOR POWER (HP)	40-45	50-55

# SPRING LOADED CULTIVATOR



## Benefit & Features

- Fast and economical solution for your tillage needs.
- Special rotor design & helical blade arrangement puts much less load on the tractor, which saves fuel.
- Gear drive. Multi speed gearbox. Compatible with 540 PTO RPM and 1000 PTO RPM.
- Distinctive implements & gearbox design makes the implement much lighter and thus, puts minimal load on the tractor.
- Suitable for use in dry as well as wet land conditions. Suitable for soft and medium soil conditions.
- Heavy duty PTO with shear bolt for gearbox overload protection.
- Easily adjust the cutting depth by using the side skid depth adjustment.
- Comes with specially made Super high quality boron steel blades that last much longer than other regular rotary tiller blades. Available in L and C type blade options.
- Innovative bearing housing & seal design prevents moisture/mud entry which results in much longer bearing life.

## Specification

DESCRIPTION	AGHDRC-7	AGHDRC-9	AGHDRC-11
FRAME	72X6 SQ. TUBE & 65X6 ANGLE CENTER SUPPORTS		
TYNES	FABRICATED ONE PIECE 20/22/25/28MM		
NO. OF TYNES	7	9	11
UNDER FRAME CLEARANCE	470		
TYNE SPACING	228mm (9")		
3-POINT LINKAGE / CATEGORY	CAT -I & CAT-II		
LENGTH (mm)	1542	2000	2458
WEIGHT (mm)	880		
HEIGHT (mm)	1075		
WIDTH OF CUT (mm- Approx)	1000	1900	2800
WEIGHT (Kg. Approx)	210	270	330
TRACTOR POWER (HP)	30~35	40~45	50~55



## Benefit & Features

- Suitable for use in stone and root obstructed soil.
- It is suitable for light and medium soil conditions.
- Spring loaded assemblies derive their strength from heavy - duty angles, which once fixed to the immensely strong main frame cannot move or strain out of position.
- Used for loosening and aerating soil to a depth of nine inches.
- Prepare seed beds quickly and economically.
- When one tyne strikes a hidden object, the others continue to work at the correct depth.
- Comes with high quality reversible steel shovels.

## Specification

MODEL	5 TYNE	7 TYNE	9 TYNE	11 TYNE
FRAME	65X10MM (ANGLE)			
SPRING	10MM WD, 50MM OD 26 COILS			
TYNES	50X19 MM (FORGED)			
PAIR	50X50X6 MM ANGLE (MAIN STEEL)			
ANCHOR PIN	25 MM			
NUTS	HIGH TENSILE			
FRAME BOLT	M 12X35 MM (HIGH TENSILE)			
TYNE BOLT	M 16X80 MM (HIGH TENSILE)			
LINKAGE 3 POINT	50X16 MM (REAR) 65X12 MM (FRONT)			
SHOVEL	55X10 MM EN-45			
LENGTH	1271 MM			
WIDTH	940 MM			
HEIGHT	533 MM			
WEIGHT	140 KG			
TRACTOR POWER (HP)	20-30	30-35	40-45	50-55



# HEAVY DUTY RIGID CULTIVATOR



## Benefit & Features

- Heavy Duty Rigid tillers have a sturdy construction design and are capable of withstanding tough working conditions of hard soils.
- This tiller can break up hard soil efficiently and perfectly.
- It uproots stubbles and weeds to leave the ground perfectly worked.
- These tillers are suitable to work in root and stone free land.
- Tines are mounted on heavy duty box frame thus making this a virtually maintenance free implement.
- Ideal for fitting seeding or seed cum fertilizer attachments.
- Comes with high quality reversible steel shovels.

## Specification

DESCRIPTION	9 TYNE	11 TYNE
FRAME	72X72X6MM PREFABRICATED BOX FRAME	
TYNES	PROFILE CUT SINGLE PIECE 20/22/25/28MM	
ANGLE BRACKET	65X8 MM	
SIDE SUPPORT	72X72X6 TUBE	
SHOVELS	HI-CARBON-8MM	
FRAME BOLT	12X35 MM	
THREE POINT LINKAGE	65X16 FRONT, 50X16 REAR	
HEIGHT	21"	
TYNE SPACING	9"	
WEIGHT	270 KGS. (APPROX.)	330 KGS. (APPROX.)

## MEDIUM DUTY RIGID CULTIVATOR



### Benefit & Features

- Medium Duty Rigid tillers have a sturdy construction design and are capable of with standing tough working conditions of medium to hard soils.
- This tiller can break up hard soil efficiently and perfectly.
- Highly durable V-Clamps holds the tynes perfectly in place & ensure much longer product life.
- It uproots stubbles and weeds to leave the ground perfectly worked.
- This tiller is suitable to work in root and stone free land.
- Tines are mounted on heavy duty box frame thus making it a virtually maintenance free implement.
- Comes with high quality reversible steel shovels.

### Specification

DESCRIPTION	AGRMD-9	AGRMD-11
FRAME (mm)	72X6 Square tube & 65X6 Angle Center Supports	
TYNES	Fabricated One Piece 20/22/25/28mm	
NO. OF TYNES	7	9
TYPE OF BLADE/ SHOVEL	Reversible Shoe type & 8mm High carbon steel	
UNDER FRANE CLEARANCE	480	
TYNE SPACING	228mm (9")	
3-POINT LINKAGE / CATEGORY	CAT -I & CAT-II	
LENGTH (mm)	2010	2468
WEIGHT (mm)	765	
HEIGHT (mm)	1055	
WIDTH OF CUT (mm- Approx)	1900	2800
WEIGHT (Kg. Approx)	270	330
TRACTOR POWER (HP)	40~45	50~55

# LASER GUIDED LAND LEVELLER



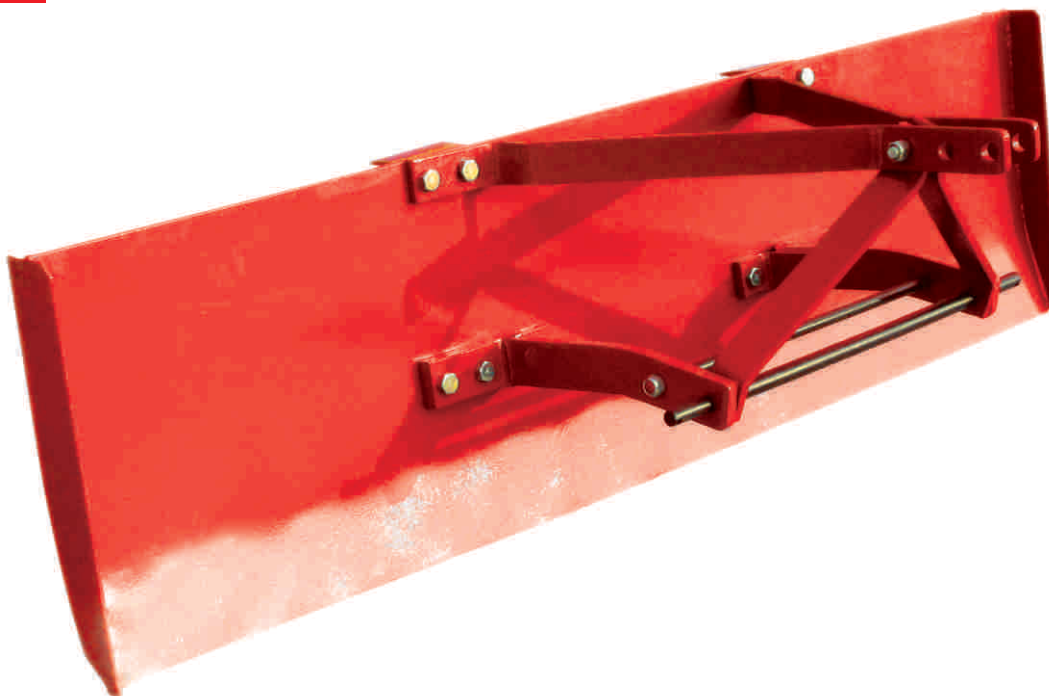
## **Benefit & Features**

- AGFE Laser guided land levellers perfectly level the ploughed field and make it ready for cultivation.
- Facilitates a uniform distribution of water in the field.
- By perfectly levelling the land it facilitate the most efficient & complete utilization of the cultivable area.
- Reduces the time and water required in irrigating the field.
- Can be transported easily using the hydraulic cylinder and tires mechanism.
- The bucket's adjustable levelling blade is made of special alloy steel that lasts much longer.
- Hassle-free, reliable, effective and easy to operate power mast which saves both time & energy.
- Available with different options of transmitter and receiver with different working range options.

## **Specification**

DESCRIPTION	AGLLL-7
FRAME Square tube	Square tube 132X6 & 8 mm Sheet
DRWABAR Square tube	132X6 & 8 mm Sheet
AXLE TYPE	100X 6mm
RANGE OF TRANSMETTER	72X6 mm Square tube Fabricated & Spindle
RANGE OF RECEIVER	Dia. 600~800 Meter
CONTROL BOX TYPE	Dia. 600~800 Meter
POWER MAST	MANUAL / DIGITAL
HYDRAULIC CYLINDER	Electric Power Mast With 12V Moter Operated
BEARING HUBS 2	2 TON CAPACITY
BUCKET LENGTH (mm)	2032
BUCKET WEIGHT (mm)	1300
BUCKET HEIGHT (mm)	990
WIDTH OF CUT (mm- Approx)	2010
WEIGHT (Kg. Approx)	640 (Whole system)
TRACTOR POWER (HP)	50~65

# HEAVY DUTY LAND LEVELLER

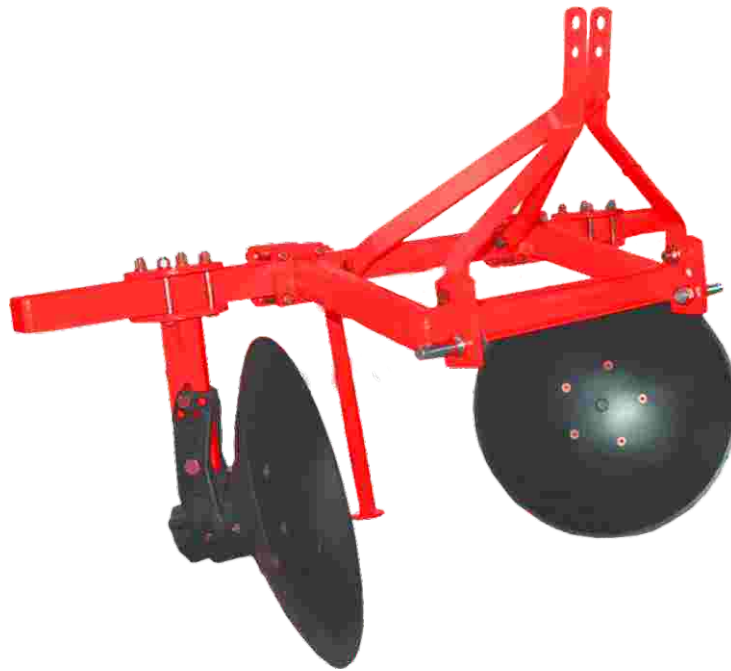


## Benefit & Features

- Land levellers increase productivity and help save on the cost of irrigation.
- Available in 6, 7 and 8 feet width.
- It is a simple and rugged Implement which is directly fitted to the Tractor.
- Useful for flood irrigation.
- Leveling blade is made out of special high carbon steel which gives it double the life compared to other ordinary blades.

## Specification

DESCRIPTION	AGHDLL - 6	AGHDLL - 7	AGHDLL - 8
FRAME	DRAW BAR MOUNTING WITH THE HELP OF MS FLAT SECTION 75X20 MM, 520MM LONG		
SIDE SUPPORT	VERTICAL : 25X10MM MS FLAT		
	HORIZONTAL : CRESCENT SHAPE, MS FLAT, MAX. WIDTH 100MM, MIN. WIDTH 35 MM		
THICKNESS OF PLATE	10MM		
BLADE DIM	70X10 MM (HIGH CARBON STEEL)		
3 POINT LINKAGE	CAT-II		
CENTRAL SUPPORT	MS ANGLE 40X5MM		
LINKAGE PIN	28MM		
SPAN	1850MM	2150MM	2460MM
WEIGHT (KG.)	140 (APPROX)	155 (APPROX)	170 (APPROX)
POWER REQUIRED (HP)	30-35	40-45	55-60



## **Benefit & Features**

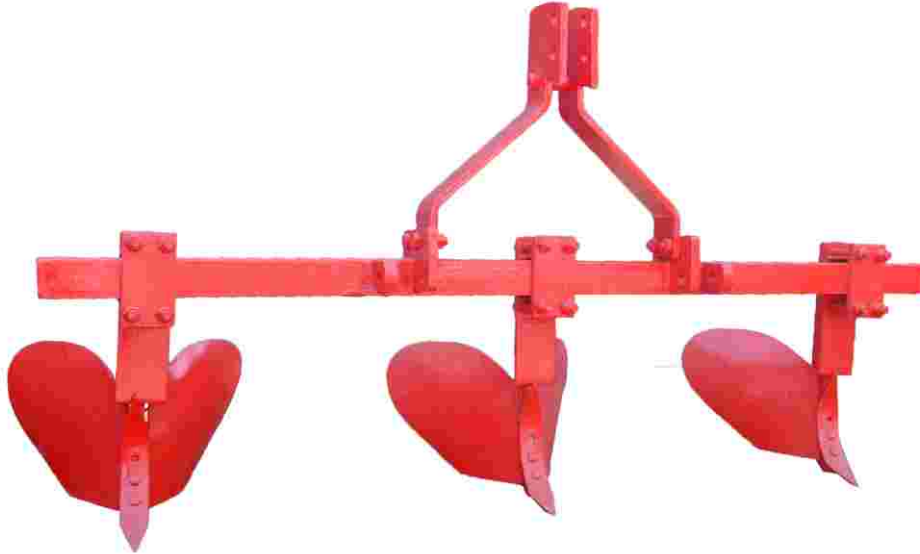
- The discs of disc ridgers are adjustable along the frame to vary bund (Ridge) width and height.
- The disc angle is also easily adjustable.
- Available with the option of high carbon alloy steel discs or high quality boron steel disc with 48-52 HRC hardness.
- Heavy duty box type frame capable of operating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

## **Specification**

DESCRIPTION	AGDR-1	AGDR-2
FRAME (mm)	100X6 & 60X6 MM SQUARE TUBE	
AXLE TYPE	FORGED SPINDLE	
NO. OF DISC 4	2	4
TYPE OF DISC / BLADE	CONCAVE DISC PLAIN & NOTCHED (BORON & HIGH CARBON STEEL )	
DISC DIAMETER (mm)	610, 660, 710MM & THICKNESS 4~8MM	
BEARING HUBS 4	2	4
3-POINT LINKAGE / CATEGORY	CAT -I & CAT-II	
PULL TYPE	MOUNTED	
WIDTH OF CUT (mm- Approx)	950	1425
WEIGHT (Kg. Approx)	224	435
TRACTOR POWER (HP)	35~50	50~75



## TYNE RIDGER



### **Benefit & Features**

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

### **Specification**

S.N.	MODEL	AGTR-3	AGTR-4
1	FRAME ( mm)	Heavy duty box frame	Heavy duty box frame
2	MAST HEIGHT	21" (533mm)	21" (533mm)
3	OVERALL LENGTH (Inch/mm)	109" (2768mm)	145"(3683mm)
4	3 POINT LINKAGE	CAT - II	
5	FASTENERS	High Tensile	
6	NO. OF TYRE (optional)	2	
7	WEIGHT (Kg.)	330 (approx)	400 (approx)
8	POWER REQUIRED (HP)	40-50	50-65

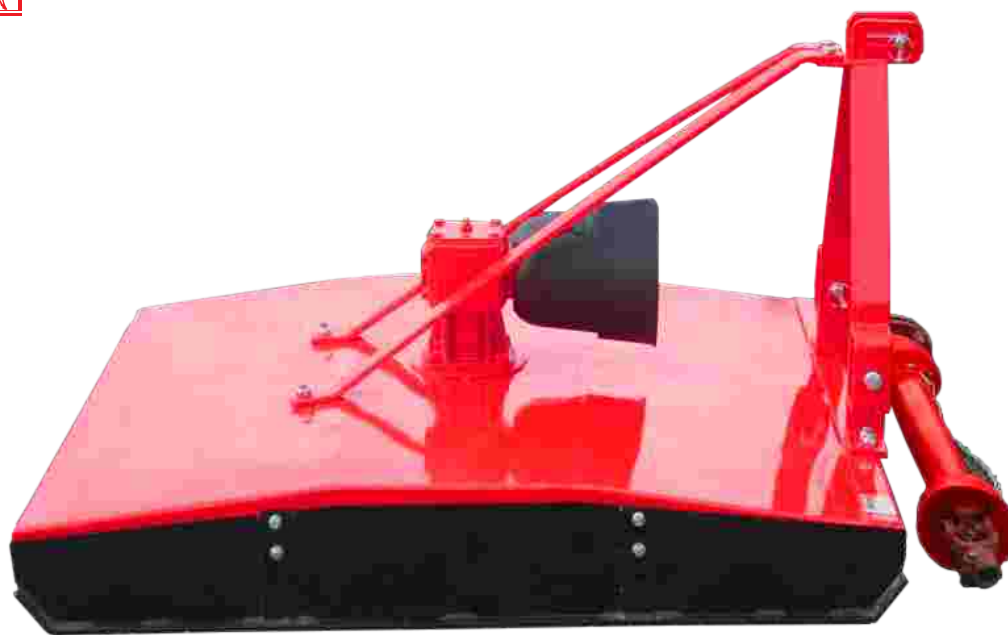


## **Benefit & Features**

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

## **Specification**

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



## **Benefit & Features**

- Easily cuts thick and tall weeds and grass.
- Offers adjustable grass cutting height up to as low as 25 mm.
- Highly useful for cutting rough & tough shrubs spread in large area.
- Available in with tyre and without tyre options. Square shape designed for heavy duty operations.
- Essential equipment for levelling large areas of uneven grass or park lawn.
- Safety Chain Shield Standard, Available in 5, 6 and 7 feet sizes.
- Heavy duty PTO with shear bolt for gearbox overload protection. Boron Steel Blades that last longer. Compatible with 540 PTO RPM.

## **Specification**

DESCRIPTION	AGRSSTO-6	AGRSSTO-7
GEAR BOX	Single Speed 540 r.p.m.	
FRAME SHEET (MM)	5 mm	
MAIN FRAME (MM)	100 x 50 mm	
3 POINT LINKAGE	CAT-II	
WHEEL DIA	12" (304 mm)	
DEPTH CONTROL	1"~8" (25~200 mm)	1"~8" (25~200 mm)
P.T.O. SHAFT	Clutch Type	Clutch Type
LENGTH (MM)	1828	2133
WIDTH (MM)	1828	2133
HEIGHT (MM)	1066	1066
CUTTING WIDTH (MM)	1590	1940
WEIGHT (KG.)	600 (approx.)	675 (approx.)
POWER REQUIRED (HP)	50~75	75~90

# ROTARY SLASHER / CUTTER ROUND MODEL



## **Benefit & Features**

- Easily cuts thick and tall weeds and grass.
- Offers adjustable grass cutting height up to as low as 25 mm.
- Highly useful for cutting rough & tough shrubs spread in large area.
- It can easily cut thick and tall weed plants and grass.
- Its sharp blades and sturdy structure improve its performance and makes it long-lasting.
- Rotary Slasher has reversible steel blades for cutting, which increases total life of the blade.
- Safety Chain Shield Standard. Available in 48", 60", 72" and 84" sizes. Tractor driven. Shear Bolt PTO shaft.
- Available with tyre & without tyre, Rounded design works in heavy duty operations, Boron Steel Blade.

## **Specification**

DESCRIPTION	AGRC - 48	AGRC - 60	AGRC - 72	AGRC - 84
CUTTING WIDTH	48"	60"	72"	84"
TRANSPORT WIDTH (mm)	1372	1676	1981	2235
OVERALL LENGTH (mm)	1880	2184	2591	2743
CUTTING HEIGHT (mm)	25-200			
HITCH	CAT-I & QH	CAT-I, CAT-II & QH		CAT-II & QH
BLADE CARRIER	Round Pan			
P.T.O. SHAFT	Clutch Type			
GEARBOX RATING (HP)	40	75	75	90
DECK THICKNESS (mm)	3			
SIDE SKID (mm)	5			
WEIGHT (Kg. Approx.)	206	310	375	530
TRACTOR POWER (Min. HP)	15	25	35	45

# TIPPING TRAILER



## Benefit & Features

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

## Specification

DESCRIPTION	AGAT2WT-3TON	AGAT2WT-5TON	AGAT2WT-9TON
OUTER DIMENSIONS	8x6x2 Feet (2435x1828x610 mm)	10x6x2 Feet (3048x1828x610 mm)	12x6x2 Feet (3658x1828x610 mm)
MAIN CHASSIS (mm)	125x65	150x75	200x75
FLOOR SHEET (mm)	4		
SIDE WALL SHEET (mm)	3 (Corrugated)		
TYRES	7.50x16, 9.00x16		
RING HITCH (mm)	50 Dia.		65 Dia.
HYDRAULIC CYLINDER CAPACITY	10 Ton		15 Ton
AXLE (BRAKE OPTIONAL) (mm)	75 Square		90 Square
AXLE BEARING	32214 Inner and 32211 Outer		32017 Inner and 32211 Outer
WEIGHT (kg. Approx.)	1014	1180	1553
TRACTOR POWER (HP)	30~50	50~70	70~90
LEAF SPRING (OPTIONAL)	36"		42"



# NON-TIPPING TRAILER



## Benefit & Features

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

## Specification

DESCRIPTION	AGAT4WNT-5T	AGAT4WNT-9T	AGAT4WNT-12T
OUTER DIMENSIONS	10x6x1.75 feet (3048x1828x534mm)	12x6x2 feet (3658x1828x610mm)	14x7x2 feet (4270x1828x610mm)
MAIN CHASSIS (mm)	150x75		
FLOOR SHEET (mm)	4		
SIDE WALL SHEET (mm)	2 (Corrugated)		
TYRES	4 nos. of 7.5x16		2 nos. of 7.5x16, 2 nos. of 9.00x16
HITCH BEAM (mm)	75x40	100x50	100x50
RING HITCH (mm)	50 Dia.		
AXLE (mm)	75 Square (Front & Rear)		75 Square (Front), 90 Square (Rear)
AXLE BEARING (SKF)	32214 inner and 32213		
WEIGHT (Kg. Approx.)	1550	1720	2000
TRACTOR POWER (HP)	50~70	70~90	90~110

# MOULD BOARD PLOUGH



## Benefit & Features

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

## Specification

DESCRIPTION	AGMBP36-2	AGMBP36-3	AGBEMBP36-4
FURROW	2 FURROW	3 FURROW	4 FURROW
FRAME	80X80X7 mm Box	80X80X7 mm Box	80X80X7 mm Box
DRAWBAR Sq.	50 mm Solid Sq.	50 mm Solid Sq.	50 mm Solid Sq.
TYNE	36 mm Profile Cut Single Piece	36 mm Profile Cut Single Piece	36 mm Profile Cut Single Piece
LENGTH	1300 mm	1880 mm	2460 mm
HEIGHT	1066 mm	1066 mm	1066 mm
BLADE	10 mm	10 mm	10 mm
MOULD BOARD	8 mm	8 mm	8 mm
BAR POINT	40X25 mm Bar (Forged)	40X25 mm Bar (Forged)	40X25 mm Bar (Forged)
3 POINT LINKAGE LEVER & CONNECTING ROD	65X16 mm Flat & 32 mm Square	65X16 mm Flat & 32 mm Square	65X16 mm Flat & 32 mm Square
WIDTH OF CUT	610 mm	910 mm	1210 mm
DEPTH OF CUT	350 mm	350 mm	350 mm
WEIGHT	225 Kg. (approx)	340 Kg. (approx)	440 Kg. (approx)
POWER REQUIRED (HP)	35-40	55-60	80-90



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