

Rotary Tiller

Gear Drive Single Speed

Features:

- ☞ Rotary Tiller (Gear drive). The 3 point linkage of this model can be moved by adjusting the screws.
- ☞ 4 Blades/flange or 6 Blades/flange
- ☞ Gear Drive



Package Size: (cm)

- 1) ETMZ-120 - 145*73*73
- 2) ETMZ-130 - 155*73*73
- 3) ETMZ-140 - 165*73*73
- 4) ETMZ-150 - 175*73*73
- 5) ETMZ-160 - 185*73*73
- 6) ETMZ-170 - 195*73*73
- 7) ETMZ-180 - 205*73*73
- 8) ETMZ-190 - 215*73*73
- 9) ETMZ-200 - 225*73*73

Rotary Tiller Specifications :

Model	Working width (cm)	Blades shaft speed (rpm)	Number of blades	Tilling depth (cm)	Fitted power (hp)	Net weight (kg)	Gross weight
ETMZ-120	120	192	24	8 to 14	25-30	242	277
ETMZ-130	130	192	28	8 to 14	30-35	252	287
ETMZ-140	140	192	28	8 to 14	30-35	259	294
ETMZ-150	150	192	32	8 to 14	35-40	269	309
ETMZ-160	160	192	32	8 to 14	40-45	274	324
ETMZ-170	170	192	36	8 to 14	45-50	281	336
ETMZ-180	180	192	36	8 to 14	50-55	288	348
ETMZ-190	190	192	40	8 to 14	55-60	298	358
ETMZ-200	200	192	40	8 to 14	60-65	308	368



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- ☞ 4 Blades/flange or 6 Blades/flange
- ☞ Gear Drive



Package Size: (cm)

- 1) ETH-190 - 212*95*73
- 2) ETH-200 - 222*95*73
- 3) ETH-210 - 232*95*73
- 4) ETH-220 - 242*95*73
- 5) ETH-230 - 252*95*73

Rotary Tiller Specifications :

Model	Working width (cm)	Blades shaft speed (rpm)	Number of blades	Tilling depth (cm)	Fitted power (hp)	Net weight (kg)	Gross weight
ETH-190	190	192	42	8 to 14	55-60	410	440
ETH-200	200	192	48	8 to 14	60-65	440	470
ETH-210	210	192	48	8 to 14	65-70	470	505
ETH-220	220	192	54	8 to 14	70-75	500	540
ETH-230	230	192	54	8 to 14	75-80	530	570



Rotary Tiller

Single Speed Gear Drive

Uses:




- ☞ Suitable for use in dry as well as wet land cultivation.
- ☞ Suitable for light and medium soil conditions.
- ☞ Prepares seed beds quickly and economically.

Features:

- ☞ Single speed Gear Drive
- ☞ Compatible with 540 PTO RPM.
- ☞ Easy depth adjustment.



Rotary Tiller Specifications :

Description	EFKRTSG-100	EFKRTSG-125	EFKRTSG-150	EFKRTSG-175	EFKRTSG-200
TILLAGE WIDTH (cm)	100	125	150	175	200
GEAR BOX	Single Speed				
SIDE TRANSMISSION	Gear Drive				
TYPE OF BLADES	L / C / J	L / J	L / C / J	L / C / J	L / C / J
NO. OF FLANGES	4 / 5 / 6	5 / 8	6 / 8 / 10	7 / 9 / 12	8 / 11 / 14
NO. OF BLADES 	24 / 30 / 36	30 / 48	36 / 48 / 60	42 / 54 / 72	48 / 66 / 84
GEAR BOX OVERLOAD PROTECTION	Shear Bolt				
WEIGHT (Kg. Approx.) 	335	365	395	425	455
TRACTOR POWER (HP) 	25-30	30-40	40-50	50-60	60-70

*Different rpm can be achieved by using different side gear ratio i.e. 190 rpm with 18:28:33 & 225 rpm with 19:25:33



Rotary Tiller

Multi Speed Gear Drive

Uses:




- ☞ Fuel expenses saving can be to the tune of 18 to 39% as Compare to conventional tillage implements.
- ☞ It can immediately prepare the soil, the soil moisture of previous crop does not go waste.
- ☞ Puddling in wet fields is done smoothly, quickly & efficiently.



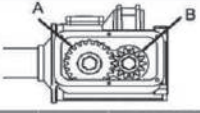
Features:

- ☞ Multi Speed Gear Drive Rotary Tiller offers wider range of rotor speed ratios. Rotor speed can be varied (by simple adjustment) as per the tilth quality required and the soil condition available.

Multi speed Rotary Tiller Specifications :

Description	EFKRTMG-125	EFKRTMG-150	EFKRTMG-175	EFKRTMG-200
TILLAGE WIDTH (cm)	125	150	175	200
GEARBOX	Multi (4 Speed)			
SIDE TRANSMISSION	Gear Drive			
TYPE OF BLADES	L / J	L / C / J	L / C / J	L / C / J
NO. OF FLANGES	5 / 8	6 / 8 / 10	7 / 9 / 12	8 / 11 / 14
NO. OF BLADES 	30 / 48	36 / 48 / 60	42 / 54 / 72	48 / 66 / 84
GEAR BOX OVERLOAD PROTECTION	Shear Bolt			
WEIGHT (Kg. Approx.) 	395	425	455	485
TRACTOR POWER (HP) 	30-40	40-50	50-60	60-70

*Rotor r.p.m with individual gear drive denoted by C/D represents 18:33:28/19:33:25 respectively.

P.T.O. RPM			ROTOR RPM (C/D)
	A	B	
540	20	16	144/170
	16	20	225/266
	17	19	201/238
	19	17	161/190
1000	22	14	212/251



Wood Chipper

Uses:

- Perfect for those clean-ups after a storm, pruning or just processing general gardening wastes
- Creating mulch for garden plants and trees for conserving water

Features:

- At the heart of the BX Chipper is an oversize heavy duty rotor and reversible chipping blades;
- The self-feed hopper is designed to angle the brush against the rotor and blades, pulling the branches into the chipper;
- Easily control where you want the chips with the double adjustable Exit Chute. The chute swivels 360 degrees and the top deflector adjusts the distance.



EBX62R

Wood Chipper Specifications :

Model	EBX42S	EBX62R
Drive System	Direct drive, pto w/shearbolt	Direct drive, pto w/shearbolt n/a
HP Range	18-50	30-100
Engine	n/a	n/a
Chipper capacity	4" Diameter, (takes up to 10" slab)	6" Diameter, (takes upto 12" slab)
Chipper Housing Opening	4" x 10"	6 1/2" x 10"
Rotor Size	25"	30"
Number of Rotor Knives	4	4
Knife Type	Hardened Tool Steel	Hardened Tool Steel
Rotor Weight	110 lbs	180 lbs
Feeding System	Self Feed	Hydraulic Feed
Dimensions	40" L x 42" x 60" H	50"L x 52" x74" H
Hopper Opening	20" x 20"	25" x 25"
Discharge Hood Rotation	360	360
Discharge Hood Height	60"	74"
Rated RPM	540-1000	540-1000
Weight	425lbs	1070lbs



EBX42S



Topper Mower

Uses:

- ☞ With adjustable rear wheel (option), it can prevent the body tail sinking, and the spacers above it can adjust the cutting height.
- ☞ The machine is more durable and works more stable due to its heavier weight.
- ☞ The blades are thicker, and the plates around has been strengthened. Two blades and three blades can be chosen according to different needs.
- ☞ With front protection chain, it can prevent splashing.

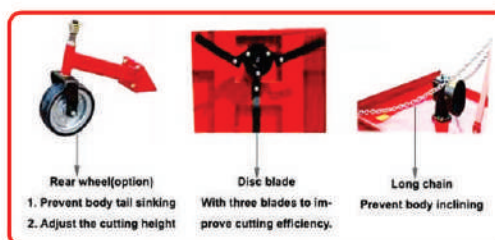


Features:

- ☞ It is used for cutting higher weeds in the field, and also suitable for bushes or rougher weeds.
- ☞ It cuts grass by high-speed operation and dead weight of blades.

Topper Mower Specifications :

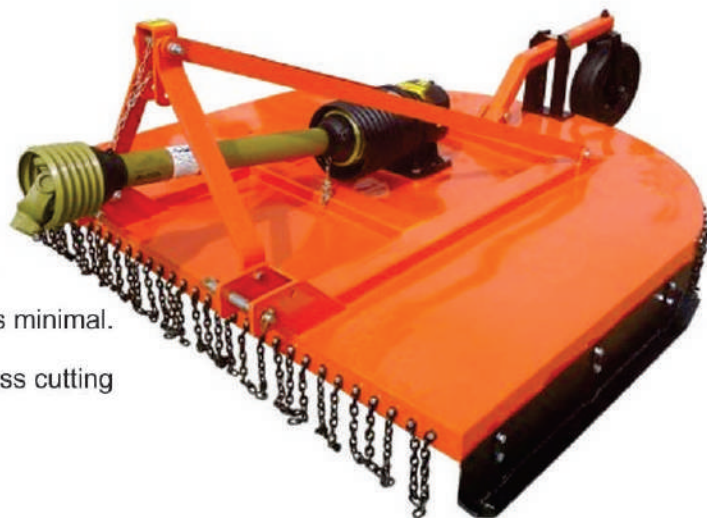
Model	ETM09	ETM100	ETM110	ETM120	ETM140	ETM160	ETM180
DIMENSIONS (L*W*H) (cm)	100*100*90	105*100*90	110*110*90	130*120*90	140*140*90	160*160*90	190*180*90
STRUCTURE WEIGHT	150kg	160kg	165kg	175kg	190kg	230kg	260kg
CUTTING WIDTH	90cm	100cm	110cm	120cm	140cm	160cm	180cm
CUTTING HEIGHT	1.5-4.5"						
PTO SPEED	540rpm						
PTO SHAFT	6*6*900				6*6*1100	6*6*1300	6*6*1300
POWER REQUIRED	18-25hp	18-35hp			25-40hp	30-65hp	



Rotary Slasher

Uses:

- ☞ Rotary Cutter/Stub-Cutter/Grass Cutter (Lawn Mower) 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 rear tyre, scalping is minimal.
- ☞ Tractor-mounted rotary slasher provide a very cost-effective grass cutting solution.
- ☞ Cutting width : approx. 6 feet or 7 feet
- ☞ Tractor driven suitable for P.T.O. 540 rpm
- ☞ Safety chain shield standard



Features:

- ☞ It has heavy duty gear box and rugged frame which can withstand rough and tough wild grass, anchored straw and bushes. It 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.

Rotary Slasher Specifications :

Description	EFKRSSTO-6	EFKRSSTO-7
CUTTING WIDTH (mm)	1590	1940
TRANSPORT WIDTH (mm)	2041	2346
OVERALL LENGTH (mm)	1828	2133
CUTTING HEIGHT (mm)	1"-8" (25-200 mm)	
HITCH	CAT - II	
P.T.O. SHAFT	Clutch Type	
GEARBOX RATING (HP)	75	
DECK THICKNESS (mm)	5	
SIDE SKID (mm)	5	
WEIGHT (Kg. Approx.)	600	675
TRACTOR POWER (HP)	50-75	75-90



Finishing Mower

Uses:

- ☞ Transmission: V belt transmission, more reliable.
- ☞ 3 pieces of blades are working meanwhile, expanding the cutting width.
- ☞ Mainly for cutting grass in the flat area, and smaller bushes or weeds below half a meter.
- ☞ The wheel is clad in rubber, more stable and wear-resistant.



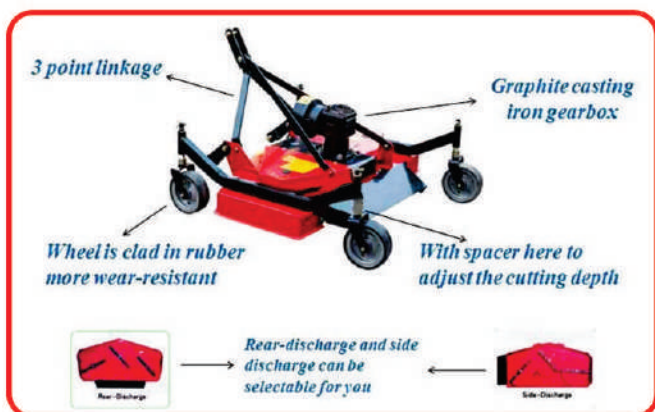
Features:

- ☞ Mowing height can be adjusted.
- ☞ Rear-discharge and side-discharge can be selectable.
- ☞ Blade shaft seat is made of casting iron. More reliable and strong.



Finishing Mower Specifications :

Model	EFM-120	EFM-150	EFM-180
Dimension (mm)	1260*1200*650	1570*1200*650	1860*1350*650
Weight (Kg)	185Kg	200Kg	225Kg
Cutting Width	120cm	150cm	180cm
PTO Input Speed	540r/min	540r/min	540r/min
Power Required	18-25HP	20-30HP	20-35HP
Packing size (mm) in 5 pcs	1400*760*2200	1700*860*2200	2000*1100*2200



Flail Mower

Uses:

- ☞ Flail mowers is deal for working on grass: orchard, nursery, vineyard, in the greenhouse and for gardening.
- ☞ Cat. I universal three-point hitch cardan shaft.
- ☞ With front protection, it can prevent splashing.

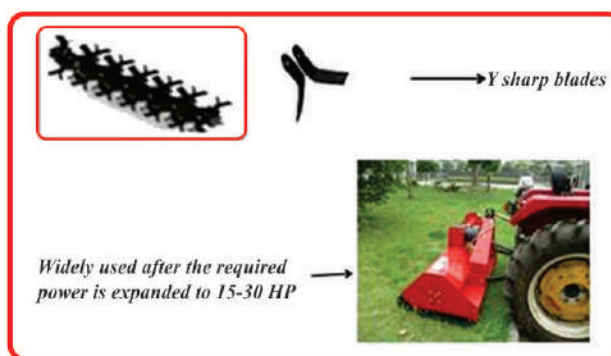
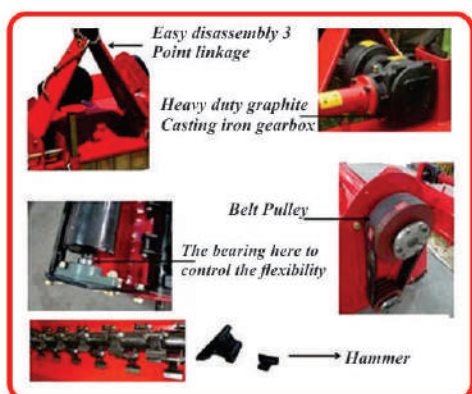


Features:

- ☞ Y shape blades, hammer and vertical blades for grass. With double blades.
- ☞ With adjustable rear roller, the mowing height can be adjusted.
- ☞ Gearbox is made of gravity casting iron. Material performance is better.

Flail Mower Specifications :

Model	EF-85	EF-95	EF-105	EF-115	EF-125	EF-135
Dimension (mm)	950×700×520	1040×700×520	1140×700×520	1240×700×520	1340×700×520	1440×700×520
Weight (Kg)	105 KG	115 KG	130Kg	145Kg	160Kg	175Kg
Cutting Width	850mm	950mm	1050mm	1150mm	1250mm	1350mm
PTO Input Speed	540r/min	540r/min	540r/min	540r/min	540r/min	540r/min
Number of blades	30	30	36	42	42	48
Power Required (Min/Max)	16-20HP	16-20HP	20-25HP	20-25HP	20-30HP	20-30HP
Packing size (mm)	1050×750×550	1150×750×550	1250×750×550	1350×750×550	1450×750×550	1550×750×550



Flail Mower

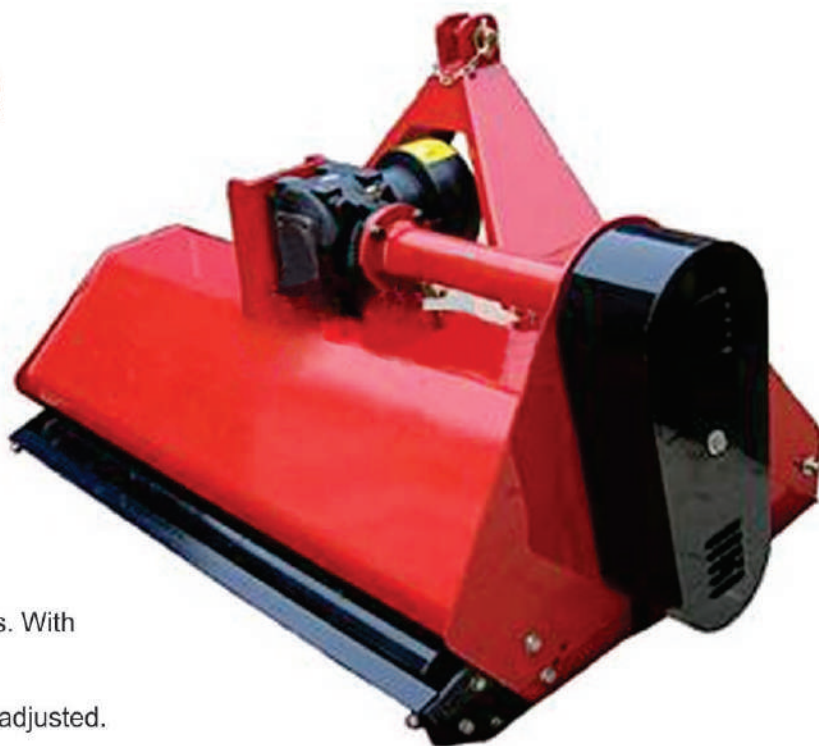
Heavy Duty (Gear Drive)

Uses:

- ☞ The structure is heavy, firm and stable. With heavy blades
- ☞ Cat. I universal three-point hitch cardan shaft.
- ☞ With front protection, it can prevent splashing.

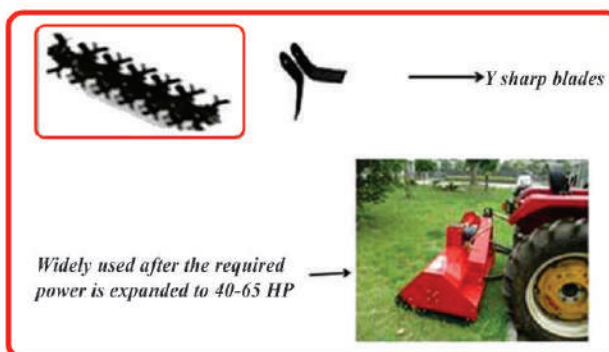
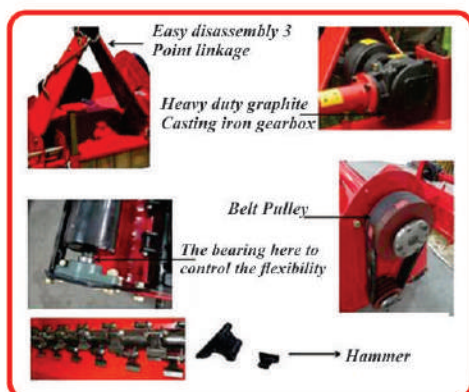
Features:

- ☞ Y shape blades, hammer and vertical blades for grass. With double blades.
- ☞ With adjustable rear roller, the mowing height can be adjusted.
- ☞ Gearbox is made of gravity casting iron. Material performance is better.



Flail Mower (Heavy Duty) Specifications :

Model	EFH-125	EFH-135	EFH-150	EFH-180
Dimension (mm)	1450×860×700	1550×860×700	1700×860×700	2000×860×700
Weight (Kg)	380KG	410Kg	470Kg	530Kg
Cutting Width	1250mm	1350mm	1500mm	1800mm
PTO Input Speed	540r/min	540r/min	540r/min	540r/min
Number of hammer	16	16	20	24
Power Required (Min/Max)	40-55HP	45-55HP	50-60HP	55-65HP



Plough

Reverse Plough

Reverse Plough Specifications :

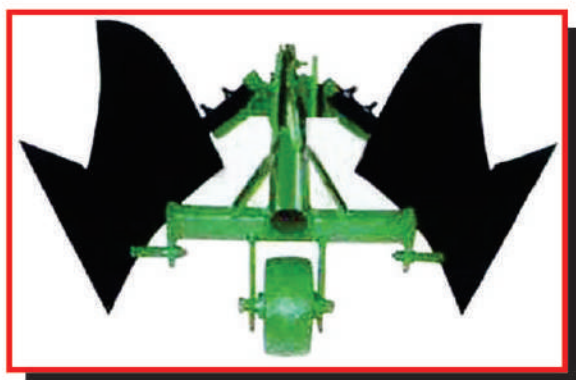
Model	ELR-104(8")	ELR-103(10")	ELR-102(12")
Dimension (mm)	1000×530×650	1050×820×850	1100×850×900
Weight (Kg)	75Kg	85Kg	95Kg
Working Width	18cm	22cm	26cm
Working Depth	12-16cm	12-16cm	12-16cm
Power Required	15-20HP	15-20HP	20-25HP
Packing Dimension(mm)	2200×1000×1100	2200×1000×1100	2200×1000×1100



Plough

Plough Specifications :

Model	E1LF-130	E1LX-220	E1LX-320
Working Width	30cm	40cm	60cm
Working Depth	12-16cm	12-16cm	12-16cm
Weight (Kg)	75Kg	60Kg	105Kg
Power Required	15-20HP	15-20HP	25-35HP
Packing Dimension(mm)	2200×1000×1100	2200×1000×1100	2200×1000×1100



Reversible Plough

Reversible Plough Specifications :

Model	ELS-225
Knives Number	2
Hitch	3 points hitch
Tractor Requested	18-30hp
Turning Angle	180°
Turning Type	Handle
Structural Weight	210lbs



ELS225

Reversible M.B. Plough

Hydraulic

Uses:





- It is designed to work in all types of soil for basic functions such as Soil Breaking, soil raising and soil turning.
- It can be used in stony & rooted soils.

Features:

- Reversible Mould Board Plough is well designed for reverse ploughing alternately by the help of hydraulic mechanism. Basic functions are inverting, breaking and raising of soil. It can be used in tough condition.



Reversible Plough Specifications :

Description	EFKRMB-36-2	EFKRMB-36-3
NUMBER OF FURROWS 	2	3
BOX FRAME (mm)	97 x 97 x 9 T (Box)	
TYNE (mm)	80 x 36	
MOULD BOARD (mm)	8	
PLOUGH SHARE (mm)	10	
POINT	100 x 15 (Forged)	
HEAD STOCK BEARING	32213, 33015	
TURNOVER MECHANISM	Hydraulic	
WIDTH OF CUT (mm)	700	1050
DEPTH OF CUT (Max. mm) 	355	
WEIGHT (Kg. Approx.) 	460	635
SAFETY	Shear Bolt	
TRACTOR POWER (HP) 	55-70	75-100



Mould Board Plough

Mounted

Uses:

- ☞ It can handle the toughest ploughing job with outstanding penetration performance.
- ☞ It is designed to work in all types of soil for basic functions 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 trashy conditions.
- ☞ Adding an extra furrow or repositioning units to allow for extra clearance is quick and easy.
- ☞ The plough has special wear-resistant steel bottoms with bar points for toughest ploughing jobs.
- ☞ Bar point bottoms ensure longer life as they can be extended or reversed and re-used till the last possible length.



Mould Board Specifications :

CODE	EMBP-001A	EMBP-001B
SIZE	2 FURROW	3 FURROW
FRAME	80x80x7 mm Box & 50 mm Round	80x80x7 mm Box & 50 mm Round
TYNE	36 mm Profile Cut Single Piece	36 mm Profile Cut Single Piece
LENGTH	1300 mm	1880 mm
WIDTH	738 mm	738 mm
HEIGHT	1066 mm	1066 mm
BLADE	10 mm	10 mm
MOULD BOARD	8 mm	8 mm
SHOVEL	40x25 mm Bar (EN 42 Forged)	40x25 mm Bar (EN 42 Forged)
3 POINT LINKAGE	65x16 mm Flat & 32 mm Square	65x16 mm Flat & 32 mm Square
CLAMP	125x50 mm	125x50 mm
WIDTH OF CUT	610 mm (Max.)	910 mm (Max.)
DEPTH OF CUT	350 mm (Max.)	350 mm (Max.)
WEIGHT	235 kg. (Approx.)	350 kg. (Approx.)
POWER REQUIRED (HP)	50-65	65-75



Disc Plough

Uses:

- ☞ The disc plough is designed to work in all types of soil for basic function 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 especially useful in hard and dry trashy land conditions and in soils where sourcing is a major problem.



Features:

- ☞ In Conformity with the soil conditions it is being produced with 2,3,4 & 5 bottom version with an option for extra kit for converting it to extra-bottom plough.
- ☞ 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.



Disc Plough Specifications :

CODE	EMDP-001A	EMDP-0001B	EMDP-001C	EMDP-001E
SIZE	2 BOTTOM	3 BOTTOM	4 BOTTOM	5 BOTTOM (4+1)
FRAME	Extra Heavy Duty Tubular Frame (OD 168mm, ID 146mm)			
MOUNTED	CAT II			
LENGTH	1800mm	2400mm	3000mm	3600mm
WIDTH	820mm	1040mm	1260mm	1480mm
HEIGHT	1220mm			
DISCS	660x6mm			
DISC SPACING	570mm			
COLTER DISC	500x6mm			
SCRAPPER	6mm Adjustable			
BEARING	2 Nos. Taper Roller/Disc			
WIDTH OF CUT	500 550mm	875 925mm	1150 1200mm	1575 1625mm
WEIGHT (Kgs.) (Appo.)	295	395	495	590
POWER REQUIRED (HP)	50-65	70-85	90-110	120-150



Offset Disc Harrow

Heavy Duty

Uses:

- ☞ Used in open field working for the surficial ploughing, shattering of clods, preparation of soil for sowing, burial of organic substances & remains.
- ☞ For Breaking the roots.
- ☞ Its designed to work in extreme conditions.
- ☞ Angle can be easily adjustable.
- ☞ It can be used in both forms i.e. mounted as well as trailed.



Features:

- ☞ High quality Boron steel Discs.
- ☞ Tillage depth of the harrow is 6 inch.
- ☞ Easily transportable as it gets easily attached and mounted.
- ☞ Maintenance is easy but need to be scheduled.

Harrow Disc Specifications :

	8x8	9x9	10x10	11x11	12x12
FRAME	Square Pipe Box Frame				
GANG BOLT	Central Square Solid Bar	Central Square Solid Bar With split gangs			
LENGTH	1867mm				
WIDTH	1867mm	2095mm	2325mm	2555mm	2785mm
NO. OF DISCS	16	18	20	22	24
TYPE OF DISC	Notched (Front) Plain (Rear)				
DISC DIAMETER	560mm				
WIDTH OF CUT	1778mm	2006mm	2235mm	2464mm	2693mm
DISTANCE BETWEEN DISCS	228mm				
BEARING HUBS	6	8			
TOTAL WEIGHT	1080mm				
MAST HEIGHT	1054mm				
WEIGHT (Kgs.) (Appo.)	765	820	875	920	975
POWER REQUIRED (HP)	50-60	65-75	80-90	85-110	115-135



Hydraulic Harrow

Heavy Duty Offset Disc Harrow with centrally Mounted Tyres (Hydraulic Harrow)

Uses:

- ☞ Used in open field working for the surficial ploughing, shattering of clods, preparation of soil for sowing, burial of organic substances & remains.
- ☞ It can be used in both forms i.e. mounted as well as trailed.
- ☞ To air the soil and to eliminate the weeds. For Breaking the roots.
- ☞ It is designed to work in extreme conditions. Angle can be easily adjustable



Features:

- ☞ High quality Boron steel discs.
- ☞ Tillage depth of the harrow is 6 inch.
- ☞ Easily transportable as it gets easily attached and mounted.
- ☞ Maintenance is easy but need to be scheduled.

Hydraulic Harrow Specifications :

MODEL	6x6	7x7	8x8	9x9	10x10
NO. OF DISCS	12	14	16	18	20
FRAME	75x10mm Angle with 100x50mm Channel				
GANG BOLT	Central Square Solid Bar			Central Square Solid Bar with Split gangs	
LENGTH	2030mm	2080mm	2130mm	2230mm	2280mm
HEIGHT	1150mm with 560mm Disc 1200mm with 610mm Disc				
DISTANCE BETWEEN DISCS	225mm				
MOUNTING	CAT-I/II (Optional)				
DISC DIAMETER	560/610 (Optional)				
TYPE OF DISCS	Notched in Front & Plain in Rear				
BEARING HUBS (Nos.)	4	4	6	8 (Split Gang Arrang.)	8 (Split Gang Arrang.)
WIDTH OF CUT	1375 1400mm	1600 1625mm	1825 1850mm	2050 2075mm	2275 2300mm
WEIGHT (Kgs.) (Appo.)	430 with 560mm Disc	465 with 560mm Disc	530 with 560mm Disc	630 with 560mm Disc	665 with 560mm Disc
POWER REQUIRED (HP)	30-40	40-50	50-60	60-70	70-80



Tandem Disc Harrow

Mounted Medium Duty

Uses:






- ☞ 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:

- ☞ Mounted Medium Duty Tandem Disc Harrow is designed to break up the ground and it effectively cross discs green manures, trash etc. Optional notched discs can be provided for more aggressive digging & cutting action.

Mounted Disc Harrow Specifications :

Description	EFKTDHHS-20	EFKTDHHS-24
FRAME (mm)	72 x 72 x 5 T (Square Tubular Frame)	
GANG AXLE / BOLT (mm)	28 (Solid Sq. Rod)	
NO. OF DISC 	20	24
TYPE OF DISC	Plain / Notched Disc (Optional)	
DISC DIAMETER (mm) 	508 x 3 T & 558 x 4 T	
WIDTH OF CUT (mm Approx.)	2408	2842
OVERALL WIDTH (mm Approx.)	2256	2712
DISTANCE BETWEEN DISCS (mm) 	228 (Front & Rear)	
NO. OF BEARING HUBS	8 (UC-211)	
WEIGHT (Kg. Approx.) 	580	640
TRACTOR POWER (HP) 	55-65	75-90



Disc Ridger Mounted

Uses:

- ☞ It can Produce ridge with maximum width of 1000 mm.
- ☞ Available in 2 bottom & 4 bottom to make one ridge & two ridge respectively.

Features:

- ☞ Disc Ridger consists 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. The Discs are adjustable along the frame to vary bund width and height. Even the disc angle is adjustable.



Disc Ridger Specifications :

Description	EFKDR-1	EFKDR-2
FRAME (mm)	102 x 102 x 7 T (Sq. Tubular Frame)	
AXLE TYPE	Spindle	
NO. OF DISC	2	4
TYPE OF DISC	Notched or Plain Disc (Optional)	
DISC DIAMETER (mm)	660 x 6 T (26 Inch)	
MAXIMUM WIDTH BETWEEN RIDGERS (mm)	1000	
WORKING DEPTH (Max. mm)	330	
BEARING HUBS	2	4
WEIGHT (Kg. Approx)	224	435
TRACTOR POWER (HP)	50-65	70-90



Tyne Ridger

Uses:

- ☞ Depth of the ridger could be adjusted with the side tyres.
- ☞ It is mostly used for sugarcane plantation.

Features:

- ☞ It has heavy duty box type frame.
- ☞ It can produce ridge with maximum width of 900mm.



Tyne Ridger Specifications :

NO. OF FURROWS	3 FURROW	4 FURROW
FRAME (mm)	Heavy duty box frame 102x102x7	
MAST HEIGHT	21"	
OVERALL LENGTH (mm)	2768	3683
MOUNTING	CAT-I/II	
FASTENERS	High Tensile	
TYPE OF TYRE	600-16	
POWER REQUIRED (HP)	60-65	70-75
WEIGHT (kg) (approx.)	330	700



Spring Loaded Tiller

Heavy Duty

Uses:

- ☞ Suitable for use in stone and root obstructed soil. It is designed for toughest operations.
- ☞ Used for loosening and aerating soil to a depth of nine inches.
- ☞ Prepares seed beds quickly and economically.



Features:

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

Cultivator Specifications :

MODEL	9 TYNE	11 TYNE	13 TYNE	15 TYNE
FRAME	75x40mm Channel	100x50mm Channel	100x50mm Channel	100x50mm Channel
SPRING	10 mm WD, 50mm OD 28.5 Coils			
TYNES	50x25 (Forged)	50x25 (Forged)	50x25 (Forged)	50x25 (Forged)
PAIRS	66x65x6mm Angle (Main Steel)			
ANCHOR PIN	22mm	22mm	22mm	22mm
NUTS	High Tensile	High Tensile	High Tensile	High Tensile
LINKAGE 3 POINT	50x16mm (rear)	50x16mm (front)	65x16mm (rear)	65x16mm (front)
SHOVEL	8mm EN-42			
LENGTH	2000mm	2457mm	2914mm	3371mm
WIDTH	850mm	850mm	850mm	850mm
HEIGHT	585mm	585mm	585mm	585mm
TILLER PTN	28mm	28mm	28mm	28mm
WEIGHT	280kg	350kg	450kg	515kg
TRACTOR POWER (HP)	55-65	65-75	75-85	85-95



Spring Cultivator

Uses:

- Spring Cultivator is using double-spring tension device, enables the tines to bounce automatically during working when meeting with obstacles and return to normal working state after over them, during which the tines are protected.
- It has the advantages of adjusting row spacing and working depth conveniently. The machine is suitable for cultivating and loosening soils in corn, cotton and bean field.



Features:

- Reasonable in structure, flexible in operation;
- Conveniently adjustable rows spacing and depth;

Spring Cultivator Specifications :

Modle	Unit	ETS3ZT	ETS3ZT	ETS3ZT	ETS3ZT	ETS3ZT	ETS3ZT
		S-1.2	S-1.5	S-1.8	S-2.1	S-2.5	S-3.0
Working width	mm	1200	1500	1800	2100	2500	3000
Working depth	mm	200	200	200	200	200	200
No.of tines		5	7	9	11	13	15
Total weight	Kg	180	220	250	300	360	480
Matched power	hp	25	30~40	40~50	50~70	70~80	80~100
Linkage		standard three point mounted					

Crop Lifter



Sub Soiler

Uses:

- ☞ It fights drought by increase the ground storage capacity.
- ☞ It increase soil turnover by reaching deeper organic matter layers.
- ☞ Adjustable ploughing width.

Features:

- ☞ Sub Soiler is used to break the lower impermeable hard pan, which cannot be broken by normal cultivation operations. Successful subsoiling loosens and shatters compact soil layers by creating many cracks and fissures thus allowing roots to develop more freely and water to move down more rapidly. This rather inexpensive implement provides a simple and economical way to obtain good crop yields and profits.



Sub Soiler Specifications :

Description	EFKRSSTO-1	EFKRSSTO-2	EFKRSSTO-3
LENGTH (mm)	510	550	830
WIDTH (mm)	660	1220	1520
HEIGHT (mm)		1060-1370	
TYNE (mm)		150 x 25	
NO. OF TYNE	1	2	3
3 POINT LINKAGE		CAT - II	
ACCESSORIES (OPTIONAL)		Crumbler	
CRUMBLER (mm)		33.7 x 25 Round Pipe	
CRUMBLER LENGTH (mm)	650	1220	1530
WEIGHT WITHOUT CRUMBLER (Kg. Approx.)	68	195	280
WEIGHT WITH CRUMBLER (Kg. Approx.)	150	245	430
TRACTOR POWER (HP)	40-55	60-75	80-95



Potato Planter

Product Details :

It is an ideal and modern agricultural machine for planting potato, Pachyrhizus and some tubers planters etc, for different areas, natural environments, geographical features, climates, soils and agriculture demands.

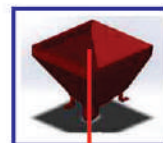
It can ditch, finish the complete process of sowing, ridging forming and planting.

Potato Planter Specification :

Model No	ELF-PT32
Overall Dimension (cm)	128*114*150cm
Capacity Max.	180L
Weight (kg)	138kgs
Wheel Size	500-12
Space of Rows (cm)	51cm
Space of Plants (cm)	32cm
Space of ditch (cm)	64-75cm
Matched Power (hp)	20-50HP
Linkage	3 point linkage
Color	Upon the request



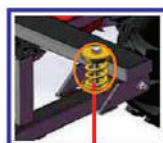
Spring Screw
To tension the Chain



Hopper
200L



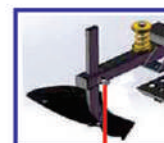
Potato Seeds
Conveyor



Suspension Spring



Ploughing Blade



Adjusting the
Blade



Potato Harvester

Structure :

- ☞ Potato Harvest machine is mounted on tractors equipped with three point linkage and PTO.

Usage :

- ☞ The potato harvester we manufactured has the characteristics of good function, high efficiency, mainly used for the reaping potato, sweet potato, peanut, onions, garlic, Chinese yam, taro and other underground rhizome crops. It has the advantages of high efficiency, low breakage, fast to leak the soil, long service life.

Features :

- ☞ Optionally completing the excavation, transport separation, in addition to the seedlings
- ☞ The combination of mining institutions ensures the mining depth
- ☞ The floating cutter is designed more effectively to cut weeds, reduce digging resistance
- ☞ Key components adopt international advanced technology, to improve the whole life.

Potato Harvester Specification :

Model	EAP90
Working width (mm)	490MM
Matched Power	20-30HP
Linkage type	3-point mounted
Wheel Size	400-10
PTO input speed(rpm)	540r/min
Size (mm)	1530*909*893mm
Weight(kg)	146kgs



Adjust the machine depth.(Length)



Universal linkage ball here, more flexible and stable



Standardized tractor using wheel 4.00-10, high quality



We add blade here to shovel soil



Post Hole Digger

Uses:

- ☞ Fastest method to dig holes as it is P.T.O. driven implement.
- ☞ It can dig holes up to diameter 6", 9", 12" or 18"
- ☞ Replaceable auger with the same frame as per the hole diameter required.
- ☞ Made for all types of soil.
- ☞ Easy to transport.



Features:

- ☞ Post Hole Diggers are ideal for a wide variety of applications- like fencing/tree plantations. Auger size can be decided as per the required hole size. The digging gets done at a faster pace and neater way as compared to manual digging.

Hole Digger Specifications :

Description	EFKPHDS-6	EFKPHDS-9	EFKPHDS-12	EFKPHDS-18
FRAME	Heavy duty Rectangular Pipe			
HITCH	Category - II			
GEAR BOX	Compatible with 55 HP max., with 3:1 ratio			
OUTPUT SHAFT	2" (50 mm)			
INPUT RPM	540			
PTO	Clutch Type			
AUGER LENGTH	43" (1100 mm)			
AUGER SIZES	6"	9"	12"	18"
FLIGHTING	Semi-Double			Semi-Double/ Double
ACCESSORIES (OPTIONAL)	Storage Stand			
WEIGHT (Kg. Approx.)	133	142	148	179
TRACTOR POWER (HP)	35-40	40-45	45-50	50-55



Post Hole Digger

Uses:

- ☞ Create fences with ease to keep wanted things in and unwanted things out
- ☞ For use in many soil types
- ☞ Ideally suited for fence building and tree planting around any type of property

Features:

- ☞ Auger are available in sizes from 6 to 20 inches(152 to 762mm) to suit many post sizes and soil types;
- ☞ Designed for strength and durability with re-enforced boom
- ☞ High strength, re-enforced arm



Post Hole Digger Specifications :

MODEL	EHD-6	EHD-9	EHD-12	EHD-14	EHD-18	EHD-20
DRILL DIAMETER	6"(152mm)	9"(228mm)	12"(304mm)	14"(355mm)	18"(457mm)	20"(508mm)
LENGTH OF AUGER	1100mm	1100mm	1100mm	1100mm	1100mm	1100mm
POWER MATCH	20-35hp	20-40hp	20-40hp	30-45hp	35-70hp	35-70hp
PTO SPEED	540rpm	540rpm	540rpm	540rpm	540rpm	540rpm
GEARBOX RATE	3;1	3;1	3;1	3;1	3.5:1	3.5:1
MACHINER WEIGHT	92kg	110kg	112kg	127kg	136kg	140kg



↑ Auger

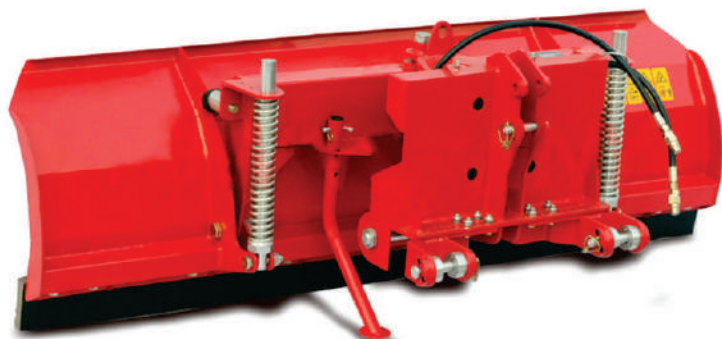
Drill & Blade



Snow Blade

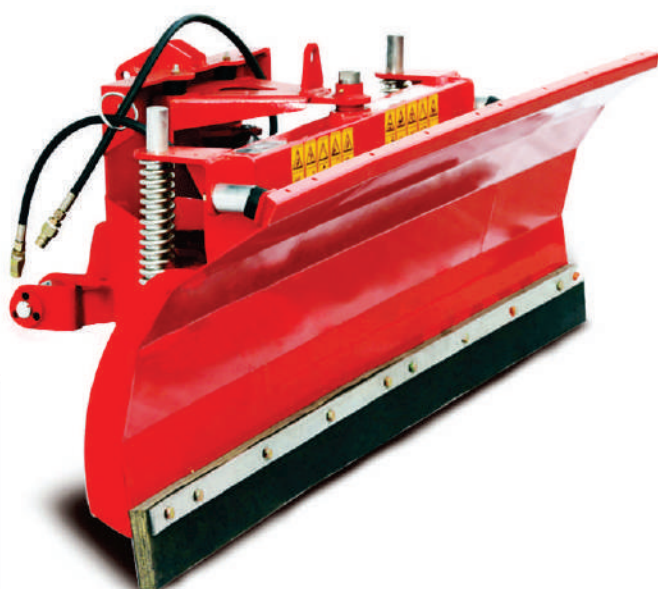
Uses:

- ☞ Used in removing snow
- ☞ Can also be used in clearing away or stocking of loose material



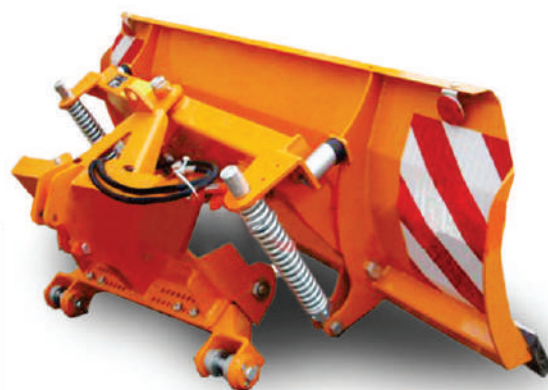
Features:

- ☞ Compact structure, flexibility, convenient operation
- ☞ Steel structure, sturdy
- ☞ With rubber for protection



Snow Blade Specifications :

Model	ESBE140	ESBE160	ESBE180
Dimensions (L*W*H)	1405*720*640 mm	1605*720*640 mm	1805*720*640 mm
Working Width	1400mm	1600mm	1800mm
Structure Weight	166kg	172kg	178kg
Tractor HP	20-30HP	25-35HP	30-40HP



Model	ESBE200	ESBE220	ESBE240	ESBE250
Dimensions (L*W*H)	2005*720*640 mm	2205*720*640 mm	2405*720*640 mm	2505*720*640 mm
Working Width	2000mm	2200mm	2400mm	2500mm
Structure Weight	184kg	190kg	198kg	203kg
Tractor HP	40-50HP	40-55HP	45-60HP	45-60HP



Snow Blower



Snow Blower Specifications :

MODEL	EB5418F	EB5418PTO	EB6618F	EB6618PTO
CUTTING WIDTH	54"	54"	66"	66"
CUTTING HEIGHT	22"	22"	22"	22"
NO. OF FAN	4-BLADES	4-BLADES	4-BLADES	4-BLADES
FAN DIAMETER	18"	18"	18"	18"
AUGER DIAMETER	15"	15"	15"	15"
DRIVE FAN	HYD W/GEAR BOX	PTO GEAR BOX	HYD W/GEAR BOX	PTO GEAR BOX
HYD.REQUIEMENTS	6.6-13.2gpm 2000psi min	no	6.6-13.7gpm 2000psi min	no
MACHINER WEIGHT	700lbs	700lbs	800lbs	800lbs
POWER REQUIRED	25-40hp	20-40hp	25-55hp	25-55hp



↑ Rear Snow Blower



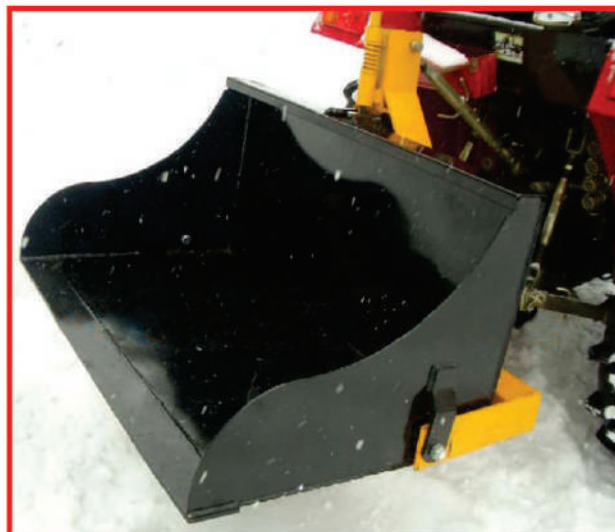
↑ Frontal Snow Blower



Transport Box

Model	NTB100	NTB120	NTB150
Weight	80kgs	90kgs	106kgs
Box Width	1000mm	1200mm	1500mm
Box Height	560mm	560mm	560mm
Box Depth	700mm	700mm	700mm
Total Dim (mm) (L*W*H)	1080x840x850	1280x840x850	1580x840x850
Packing	iron crate	iron crate	iron crate

Model	NTB180	NTB200
Weight	124kgs	133kgs
Box Width	1800mm	2000mm
Box Height	560mm	560mm
Box Depth	700mm	700mm
Total Dim (mm) (L*W*H)	1880x840x850	2080x840x850
Packing	iron crate	iron crate



Sweeper

Sweeper Specifications :

Model	ESP-115	ESP-150	ESP-190
Dimensions (L*W*H)	1.33*1.43*1m	1.68*1.43*1m	2.08*1.43*1m
Working width (mm)	1150	1500	1900
Efficiency (m2/h)	6600	9000	15000
Power Required	≤45HP		
Weight	200kg	250kg	300kg
Linkage	3 Point Hitch suspension type 1		
PTO transmission	PTO, with quick coupler on two ends of PTO		
Brush material	Nylon		
Rotor	steel 45		
Brush speed	165		
Brush diameter	51cm		
Packing size for 3 (mm)	1370*1050*970	1850*1050*970	2250*1050*970



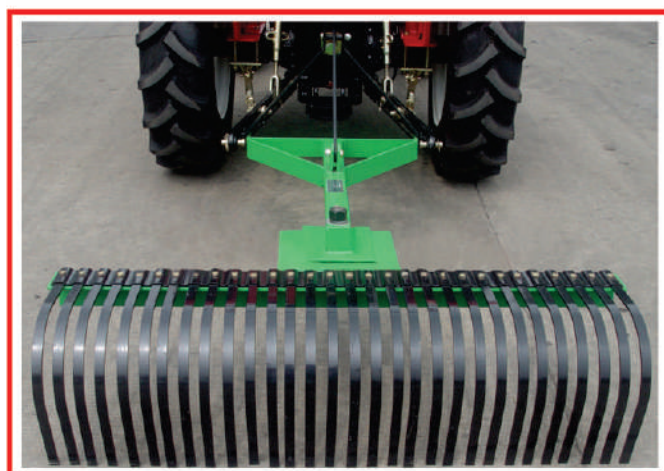
Landscape Rake

Uses:

- ☞ Clearing debris to prevent fires spreading;
- ☞ Use in grassy areas where debris has been left after storms;
- ☞ Useful prior to slashing and mowing.

Features:

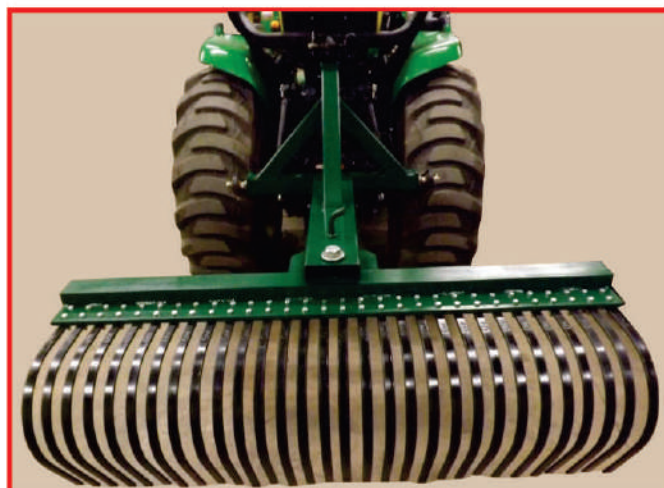
- ☞ Angle adjustable rake for clearing off to the side;
- ☞ Sturdy spring steel teeth for contouring over uneven terrain;
- ☞ High strength frame;
- ☞ Bracing leg for easy storage and attachment.



Light Duty↑

Landscape Rake (Heavy Duty) Specifications :

MODEL	E5LRH	W6LRH
DIMENSIONS (L*W*H)	1520*1600*1060 mm	1820*1600*1060 mm
WORKING WIDTH	150cm	180cm
STRUCTURE WEIGHT	126kg	185kg
POWER REQUIRED	25 - 45hp	35 - 55hp



Heavy Duty↑

Landscape Rake (Light Duty) Specifications :

MODEL	EL4LR	EL5LR	EL6LR
DIMENSIONS (L*W*H)	1120*1500*900 mm	1520*1500*900 mm	1820*1500*900 mm
WORKING WIDTH	120cm	150cm	180cm
STRUCTURE WEIGHT	93kg	106kg	130kg
POWER REQUIRED	18 - 35hp	25 - 40hp	25 - 55hp



Tipping Trailer

Uses:




- It can be used for transporting the materials like farm produce from one place to other.
- Tipping mechanism of the trailer ensures efficient offloading of the material.

Features:

- Tipping Trailers which are used for carrying agriculture produce, agricultural residues or weeds from one place to another. Heavy duty structured framework brings in greater strength & stability. Axles are used well within their design capacity not on the limit e.g. 90mm axles are fitted to our 9 tonne capacity trailers but are commonly used on other manufacturer's 12 tonne capacity trailers.



Tipping Trailer Specifications :

Description	EFAT2WT-E-3TON	EFAT2WT-E-5TON	EFAT2WT-E-9TON
OUTER DIMENSIONS	8 x 6 x 2 Feet (2435 x 1828 x 610 mm)	10 x 6 x 2 Feet (3048 x 1828 x 610 mm)	12 x 6 x 2 Feet (3658 x 1828 x 610 mm)
MAIN CHASSIS (mm)	125 x 65	150 x 75	200 x 75
FLOOR SHEET (mm)	4		
SIDE WALL SHEET (mm)	3 (Corrugated)		
TYRES 	7.50 x 16, 9.00 x 16, 12.5/80-15.3 & 400 / 60-15.5 (14 to 18 PR)		
RING HITCH DIA. (mm)	50		65
HYDRAULIC CYLINDER CAPACITY	10 (Ton)		15 (Ton)
AXLE (Brake Optional) (mm)	75 Square		90 Square
AXLE BEARING	32214 Inner & 32211 Outer		32017 Inner & 32211 Outer
WEIGHT (Kg. Approx.) 	1014	1180	1553
LEAF SPRING (Optional)	36"		42"
TRACTOR POWER (HP) 	30-50	50-70	70-90



Tipping Trailer



Farm trailer two wheels



Farm trailer four wheels

Farm Trailer two wheels Specifications :

Model	Loading weight (kg)	Box size (m)	Brake	Matched power (HP)
ETT7CX-1.5	1500	2*1*0.45	Machinery brake	15
ETT7CX-2	2000	2.2*1.2*0.45		20
ETT7CX-2.5	2500	2.5*1.5*0.5		25
ETT7CX-3	3000	2.6*1.6*0.55		25~30

Farm Trailer four wheels Specifications :

Model	Loading weight (kg)	Box size (m)	Brake	Matched power (HP)
ETT7CX-3	3000	3.4*1.8*0.5	Air brake	25-30
ETT7CX-4	4000	3.4*1.9*0.5		30-40
ETT7CX-5	5000	3.5*1.9*0.5		40-50
ETT7CX-6	6000	3.8*2*0.5		50-55
ETT7CX-8	8000	5*2*0.5		60-65
ETT7CX-9	9000	5.5*2*0.5		65-70
ETT7CX-10	10000	5.8*2*0.5		80-100



Front End Loader

Uses:

- ☞ It is used in Loading, grading, grabbing and transporting.
- ☞ It has forklift attachment for lifting machinery and transporting hay bales.
- ☞ It is used in clearing debris after storms and transferring soil.



Features:

- ☞ 4-in-1 quick release design . Self leveling for extra safety.
- ☞ Quick release bucket for easy use. Easy to handle hydraulic control panel
- ☞ Safety lockout pins for easy engine access. High lift .

Front End Loader Specifications :

MODEL	ELD954-QS		ELD704-QS	
	Inch	Metric	Inch	Metric
Structure Weight	2094lb	950kg	1962lb	890kg
Bucket Width	7.41'	2260mm	6.99'	2130mm
Bucket Cubage	132bal	0.60m3	110bal	0.50m3
Carrying Capacity	2205lb	1000kg	1764lb	800kg
(A) Lift Height	10.06'	3065mm	8.83'	2690mm
(B) Dump Clearance	9.28'	2830mm	6.73'	2050mm
(C) Digging Depth	7.44"	189mm	6.97"	177mm
(D) Crowd Angle	88.5°		69°	
(E) Dump Angle	30.9°		35°	
Tractor HP	95hp KUBOTA M954 Tractor		70hp KUBOTA M704 Tractor	



Front Loader

To be Fitted with **JAPANESE** Tractors

Front End Loader Specifications :

LOADER MODEL	TRACTOR MODEL
EFRKU1	KUBOTA-B 7001
EFRKU2	KUBOTA-B 1200
	KUBOTA-B 1400
	KUBOTA-B 1500
	KUBOTA-B 1502-M
EFRKU3	KUBOTA-L1802DT
	KUBOTA-L2002DT
	KUBOTA-L2202DT
EFRIS1	ISEKI-TX1410
	ISEKI-TX1510
EFRIS2	ISEKI-TU 1400
	ISEKI-TU 1500
EFRIS3	ISEKI-TU 1700
	ISEKI-TU 1900
	ISEKI-TU 2100
EFRYM1	YANMAR-YM1510D
EFRYM2	YANMAR-F14D
	YANMAR-F15D
EFRYM3	YANMAR-YM1301
	YANMAR-YM1401
EFRMT1	MITSUBISHI-MT1401D
	MITSUBISHI-MT1601D



MODEL	EFRKU1, EFRKU2, EFRYM1, EFRYM2, EFRYM3, EFRMT1, EFRIS1, EFRIS2		EFRKU3, EFRIS3	
	Inch	Metric	Inch	Metric
Structure Weight	694.4lb	315 kg	815.7lb	370 kg
Bucket Width	43.3"(45.3"-49.2")	1100 (1150-1250)mm	55.1"	1400mm
Bucket Cubage	26.4ba1	0.12 m ³	26.4ba1	0.12 m ³
Carrying Capacity	220.4lb	100 kg	330.7lb	150 kg
(A) Lift Height	71.3"	1810mm	75.6"	1920mm
(B) Dump Clearance	52.4"	1330mm	56.7"	1440mm
(C) Digging Depth	3.9"	100mm	3.9"	100mm
(D) Crowd Angle		15°		15°
(E) Dump Angle		41°		41°
Tractor HP		15hp		15hp



Log Splitter

Uses:

- ☞ Horizontal or Vertical positioning when splitting.
- ☞ 3-Point linkage mounted Log Splitter.
- ☞ Ideal for making logs more manageable and preparing fire wood.

Features:

- ☞ Hydraulic operation makes wood splitting easy and safe.
- ☞ Horizontal and vertical positioning. Wide blade for multiple log Spitting.
- ☞ Safe and Strong

Log Splitter Specifications :

Model	ELS-18T	ELS-22T
Suited to	15-55hp Tractors	20-60hp Tractors
3-Point Linkage	Cat. I or II	
Length	490mm	
Width	1300mm	
Height	1940mm	
Weight	190kgs	210kgs
Operation	Hydraulic or PTO	
RAM	18 Tonne	22 Tonne
Working Position	YES	



Wheels Hay Raker

Usage :

☞ This series of hay rake is mounted with 20hp tractors and the material of tine is 65Mn spring steel to keep durable. The machine is used for collecting grass after cutting . This rake was designed according to the market with single direction collecting design. It is easy to maintain and has good performance of fitting power.

Features :

- ☞ Reasonable structure.
- ☞ High raking efficiency.
- ☞ Tractor mounted with single direction collect.
- ☞ The process of welding : carbon dioxide jig welding.

4 Wheel Hay Raker Specification :

Model	Unit	EWHK-4
Working width	mm	2000
Grass width after collecting	MM	25
Overall size	Mm (L*W*H)	2800*2520*1000
Diameter of wheels	Mm	1200
Matched power	Hp	20-30



4 Wheel Hay Raker



Wheel Hay Raker

Wheel Hay Raker Specification :

Model	E9WHK-3.0	E9WHK-4.0	E9WHK-4.8
Working width (MM)	3000	4000	4800
Collecting width of grass	1~1.5		
Diameter of tine plate	1460		
Nos of tine	4	6	8
Total weight (kg)	200	295	345
Matched power (hp)	20-30	30-50	50-80
Linkage	Three-point suspension		

