Tillage | Haulage | Landscaping | Seeding & Plantation

Crop Protection | Harvest | Post Harvest

Solutions...

16-12-2025_R-1

FIELDKING

Maximos Series / Dabangg Smart / Regular Rotary Tiller

Beri Udyog Pvt. Ltd.

Corporate Office : Plot No. 235-236 & 238-240, Sec-3, HSIIDC,
Karnal- 132001 (Haryana), India +91-184-2221571/ 72/ 73 +91-9254016570
marketing@fieldking.com, exports@fieldking.com, www.fieldking.com

➤ Operator Manual ➤ Service Manual ➤ Part Catalogue

CONGRATULATIONS!

You have invested in one of the best implements of its type in the market today.

The care you give your “FIELDKING” implement will greatly determine your satisfaction with its performance and its service life. A careful study of this manual will give you a thorough understanding of your new implement before operating.

If your manual is lost or destroyed, “FIELDKING” will be glad to provide you a new copy. Visit to nearest dealership & get a copy. Most of our manuals can also be downloaded from our website at www.fieldking.com.

As an authorized “FIELDKING” dealer, we stock genuine “FIELDKING” parts which are manufactured with the same precision and skill as our original equipment. Our trained service persons are well informed on methods required to service “FIELDKING” equipments and are ready to help you.

Should you require additional information or assistance, please contact us.

YOUR AUTHORIZED

FIELDKING DEALER

TERMS & CONDITIONS:

BECAUSE “FIELDKING” MAINTAINS AN ONGOING PROGRAMME OF PRODUCT IMPROVEMENT, WE RESERVE THE RIGHT TO MAKE IMPROVEMENTS IN DESIGN OR CHANGE IN SPECIFICATION WITHOUT INCURRING ANY OBLIGATION TO INSTALL THEM ON UNITS PREVIOUSLY SOLD. BECAUSE OF THE POSSIBILITY THAT SOME PHOTOGRAPHS IN THIS MANUAL WERE TAKEN OF PROTOTYPE MODELS, PRODUCTION MODELS MAY VARY IN SOME DETAIL. IN ADDITION, SOME PHOTOGRAPHS MAY SHOW SHIELDS REMOVED FOR THE PURPOSE OF CLARITY. NEVER OPERATE THIS IMPLEMENT WITHOUT ALL SHIELDS IN PLACE.

TO THE PURCHASER

This manual contains valuable information about your new “FIELDKING” Rotary Tiller. It has been carefully prepared to give you helpful suggestions for operating, adjusting, servicing and ordering spare parts.

Keep this manual in a convenient place for quick and easy reference. Study it carefully. You have purchased a dependable and sturdy Rotary Tiller but only by proper care and operation you can expect to receive the service and long life designed and built into it.

Sometime in the future your Rotary Tiller may need new parts to replace which are worn out or broken. If so, go to your dealer and provide him equipment’s detail like model and part number.

CUSTOMER INFORMATION

Name _____

Purchased From _____

Date of Purchase _____

Model No. _____

Serial No. _____

PURCHASER / OPERATOR’S RESPONSIBILITY

1. Read and understand the information contained in this manual.

2. Operate, lubricate, assemble and maintain the equipment in accordance with all instructions and safety procedures in this manual.

3. Inspect the equipment and replace or repair any parts that are damaged or worn out which under continued operation would cause damage, wear to other parts, or cause a safety hazard.

4. Return the equipment or parts to the authorized “FIELDKING” dealer, from where it was purchased, for service or replacement of defective parts that are covered by warranty. (The “FIELDKING” Factory may inspect equipment or parts before warranty claims are honored.)

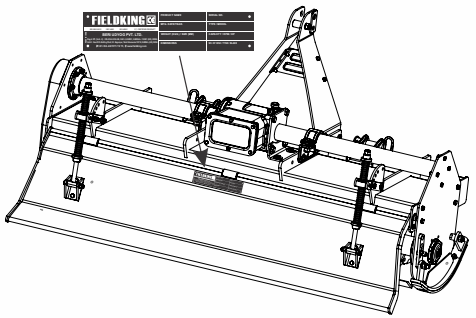
5. All costs incurred by the dealer for traveling to or transporting the equipment for warranty inspection and claims will be borne by the customer.

INDEX

1. INTRODUCTION

1.1. Tiller Identification

Each tiller has a plate for unique identification. Any request for assistance or information regarding the machine must be directed to the Manufacturer or Dealer always referring to the model and serial number as shown on the Serial Number Plate affixed to the machine.



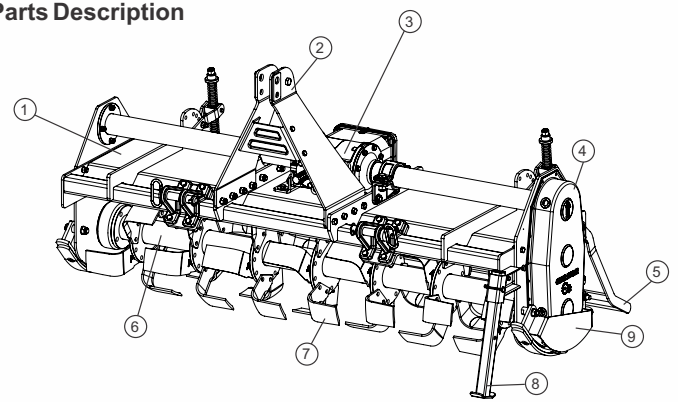
1.2. Intended Use

The Rotary Tiller are designed to be used uniquely for horticultural, agricultural or commercial applications, to till soil for seedbed and planting preparation. They are designed to be mounted on tractors equipped with hydraulic lift and universal three point hitch that can support the implement weight and driven by the power of the tractor through the PTO drive shaft.

DANGER

Any use of the machine other than the intended use is to be considered as unauthorized and dangerous. The manufacturer assumes no liability for damage resulting from non-intended use.

1.3 Main Parts Description



1.Frame Assembly 2. 3-Point Linkage 3. Gear Box 4. Side Gear Drive 5. Plank Board 6. Rotor Assembly 7. Blade 8. RT Parking Stand 9. Depth Skid

2. SAFETY

Careful operation is your best insurance against an accident. All operators, no matter how much experience they may have, should carefully read this manual and other related manuals before operating the power machine and this implement. It is the owner's obligation to instruct all operators in safe operation.

2.1. General Safety Instruction

- Do not operate the equipment while under the influence of drugs or alcohol as they impair the ability to safely and properly operate the equipment.
- The operator should be familiar with all functions of the tractor and attached implement, and be able to handle emergencies quickly.
- Make sure all guards and shields are in place and secured before operating implement.
- Keep all bystanders away from equipment and work area.
- Start tractor from the driver's seat with hydraulic controls in neutral.
- Operate tractor and controls from the driver's seat only.
- Never dismount from a moving tractor or leave tractor unattended with engine running.
- Do not allow anyone to stand between tractor and implement while backing up to implement.
- Keep hands, feet, and clothing away from power-driven parts.
- While transporting and operating equipment, watch out for objects overhead and along side such as fences, trees, buildings, wires, etc.
- Do not turn tractor so tight as to cause hitched implement to ride up on the tractor's rear wheel.
- Store implement in an area where children normally do not play.

2.2. Equipment Safety Guidelines

Failure to follow all safety instructions could result in serious injury or death

Safety of the operator and bystanders is one of the main concerns in designing and developing a tiller. However, every year accidents occur which could have been avoided by a few seconds of thought and a more careful approach to handling equipment. You, the operator, can avoid many accidents by observing the following precautions and insist those working with you, or for you, follow them.

- Read safety instructions for both the tractor and this tiller before use.
- Never exceed the advised limits of the tractor or the tiller.
- This equipment is dangerous to children and those unfamiliar with its operation
- Use the tiller for its intended purpose only. Improper use can damage the tiller and cause serious injury to persons, animals, or death.
- Any unauthorized modification of the machine may cause problems in safety and relieves the manufacturer from any liability for damages or injuries that may result to operators, third parties and objects.
- Before using the machine, familiarize yourself with its controls and its working capacity.
- Do not leave the tiller unattended with tractor engine running. Shut off the power whenever going near the machine for repairing or lubrication purpose.
- Do not use the machine if the category of the connecting pins of the tiller does not match that of the tractor hitch system.

2.3. Operating Safety Instructions

⚠ Failure to follow all safety instructions could result in serious injury or death

- Never engage the tractor PTO in the presence of people close to the PTO Shaft. The body, hair or clothing of a person can get caught in rotating parts, causing serious injury or death.
- Before engaging the PTO and during all operations, make sure that no person or animal is in immediate area of action of the machine. Never use the tiller if people are in his working area.
- Before using the machine, be sure to have cleared the operating area from obstacles
- Before making changes in direction, turns or going in reverse, slightly lift the tiller from the ground after disengaging the power take-off, to avoid damage to the machine.
- The operator must operate tiller lifting/lowering only from the driving seat of the tractor. Do not perform lifting manoeuvres on side or behind the tractor.
- Never leave the driver's seat when the tractor is turned on. Before leaving the tractor, lower the tiller to the ground, disengage the PTO, insert the parking brake, stop engine and remove the key from the control panel.
- Keep all Shields / Guards in place and in good condition to avoid risk of entanglement with serious injury or death. Replace all damaged/broken shields immediately.
- Prolonged use of the tiller can cause overheating of the gearbox. Do not touch the gearbox during use and immediately after, it could be extremely hot and cause severe burn.

2.4. Transporting Safety Instructions

⚠ Failure to follow all safety instructions could result in serious injury or death

- Comply with state and local laws.
- Use towing vehicle and trailer of adequate size and capacity. Secure equipment towed on a trailer with tie downs and chains.
- Sudden braking can cause a towed trailer to swerve and upset. Reduce speed if towed trailer is not equipped with brakes.
- Avoid contact with any over head utility lines or electrically charged conductors.
- Always drive with load on end of loader arms low to the ground.
- Always drive straight up and down steep inclines with heavy end of a tractor with loader attachment on the “uphill” side.
- Engage park brake when stopped on an incline.
- When driving on roads, the implement must be in transport position adequately raised from the road surface, with tractor lifting hydraulics locked so that the tiller cannot be lowered accidentally.
- The implement may be wider than the tractor. Pay attention during transporting to persons, animals or obstacles exposed.
- Always use tractor lighting system and auxiliary lighting system for an adequate warning to operators of other vehicles, especially when transporting at night or in conditions of reduced visibility.

2.5. Maintenance Safety Instructions

- All maintenance and repairing operations must be performed by qualified and trained operators, with the tractor engine off, the PTO disengaged, the tiller lowered to the ground or on security stands, the ignition key off and the parking brake set.

- Perform repairs and replacements necessary to the machine using only Genuine Fieldking Spare parts provided by the manufacturer or your dealer.
- Perform maintenance operations always using appropriate Personal Protective Equipment (protective eye glasses, hard hat, hearing protection, safety shoes, overall and work gloves, filter mask).
- Wear protective clothing and equipment appropriate for the job such as safety shoes, safety glasses, hard hat, and ear plugs.

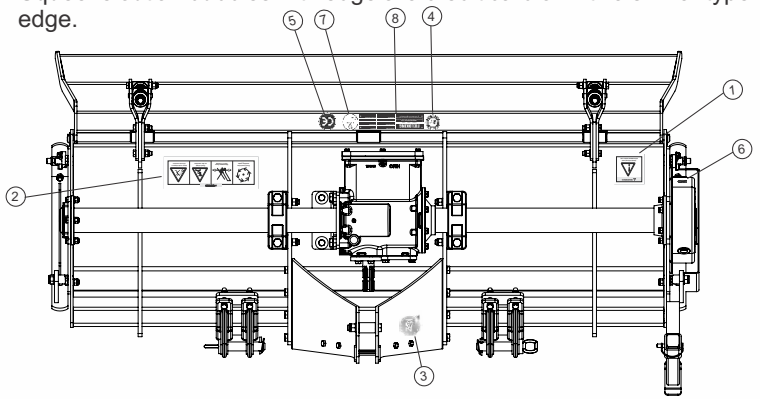
2.6. Storage Safety Instructions

- Never leave the tractor unattended with the tiller in lifted position. Accidental operation of lifting lever or a hydraulic failure may cause sudden drop of unit with injury or death by crushing.
- Following operation, or before unhooking the tiller, stop the tractor, set the brakes, disengage the PTO, lower the attached tiller to the ground, shut off the engine, remove the ignition key and wait for all moving parts to stop.
- Make sure all parked machines are on a hard, level surface and engage all safety devices.
- Place support blocks under tiller as needed to prevent unit from tipping over onto a child and/or an adult. A tiller that tips over can result in injury or death.
- Store the unit in an area away from human activity.

2.7. Safety Labels

Your Rotary Tiller comes equipped with all safety labels in place. They are designed to help you safely operate your equipment. Read and follow their directions.

- Keep all safety labels clean and legible.
- Refer to this section for proper label placement. Replace all damaged or missing labels. Order new labels from your nearest FIELDKING dealer.
- Some new equipment installed during repair requires safety labels to be affixed to the replaced component as specified by FIELDKING. When ordering new components make sure the correct safety labels are included in the request.
- Refer to this section for proper label placement. To install new labels:
  a. Clean surface area where label is to be placed.
  b. Spray soapy water onto the cleaned area.
  c. Peel backing from label and press label firmly onto the surface.
  d. Squeeze out air bubbles with edge of a credit card or with a similar type of straight edge.



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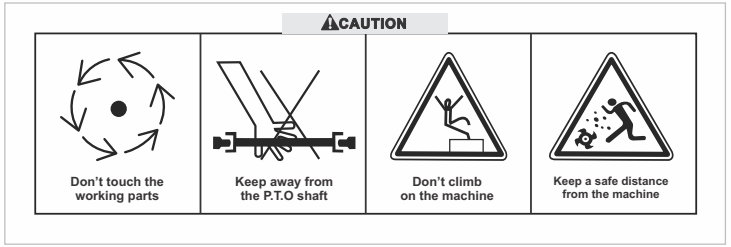


2

3 4 5 6 7

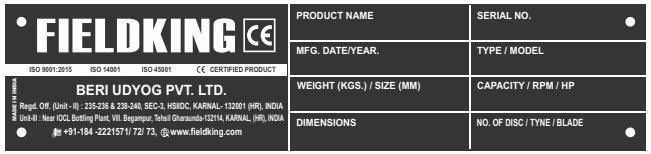
20040971_Rotavator Safety Sticker (340x150 mm) White Vinyl

20040703_DABANGG SMART (11 INCH X 2.75 INCH)

9

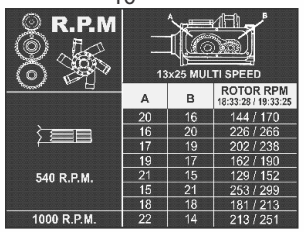
40010268_Rotary Tiller Sticker (15" x 2.25")

10



20052516_Serial Number Plate (Rotary Tiller) (197mm x 45 mm)

8



20040046_ RPM STICKER

11 **Size : 5" x 3.75"**

3. ASSEMBLY AND SET UP

The Rotary Tiller is delivered fully assembled and equipped with a driveshaft with torque limiter (clutch discs) and related operating manual.

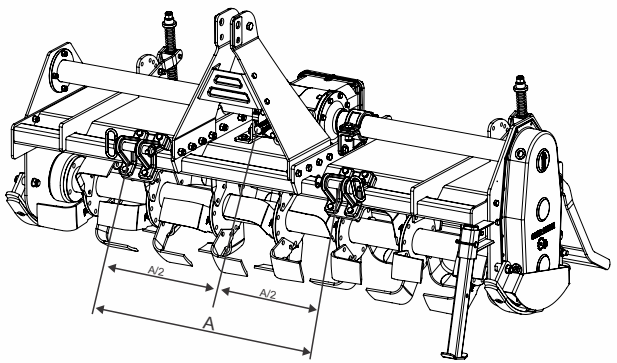
When the machine is delivered, check that there is no damage to the tiller or driveshaft. In case of damage or missing parts immediately notify the manufacturer or your dealer.

3.1. Lower Hitches Positioning

The Rotary Tillers are designed to be mounted on tractors equipped with:

- 3-point Hitch Category Cat-II (IS:4468)
- Quick Hitch Category Cat-II (ASABE Standard).

The position of the lower hitches must be equi spaced from main drive shaft of Gearbox.



3.2. Connecting to The Tractor

⚠ Never stand between tractor and rotary tiller while backing up tractor to the hitch.

- Place tiller and tractor on level ground.
- Back tractor into position by lining up lift arms and Hitch bracket of the tiller linkage pins. Attach lift arms to linkage pins and secure with lynch pins.
- Attach top link using upper linkage pin and lynch pin.
- Attach PTO shaft/drive shaft and secure anti-rotation chains.
- Once everything is securely attached, raise tiller off the ground and adjust the top link so the tiller sets level from front to back.
- Determine if the PTO shaft length suits tractor and tiller linkage.
- Make sure PTO shaft is properly installed and level before checking shaft collapsible length.

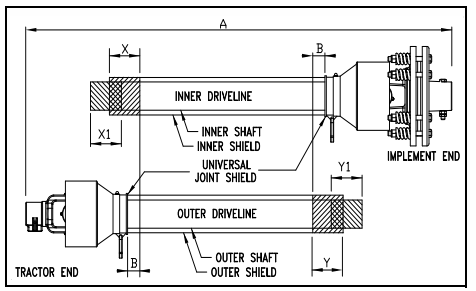
IMPORTANT: ***A PTO shaft that is too long to fit between tractor and tiller will bottom out causing structural damage to the tractor and tiller. Always check PTO shaft collapsible length during initial setup, when connecting to a different tractor and when alternating between using a quick hitch and a standard 3-point hitch. More than one PTO shaft may be required to fit all applications.***

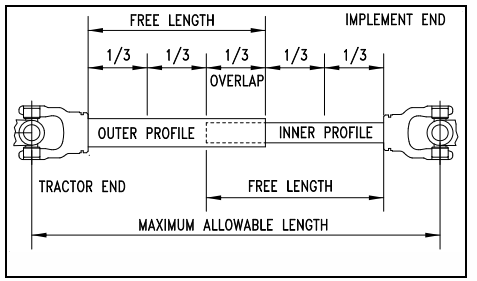
3.3. Sizing The PTO Shaft

- Un-hook shaft from tractor PTO shaft and pull outer and inner shaft apart.
- Reattach outer shaft to tractor PTO shaft. Pull on inner and outer shaft to be sure universal joints are properly secured.
- Hold inner and outer shaft parallel to each other:

  a. Measure 1" ("B" dimension) back from outer shaft universal joint shield to make a mark at this location on the inner shaft shield.

  b. Measure 1" ("B" dimension) back from the inner shaft universal joint shield and make a mark at this location on the outer shaft shield.
- Remove shaft from tractor and gearbox shaft.
- Measure from end of inner shield to scribed mark ("X" dimension). Cut off inner shield at the mark. Cut same amount off the inner shaft ("X1" dimension).
- Measure from end of outer shield to scribed mark ("Y" dimension). Cut off outer shield at the mark. Cut same amount off the outer shaft ("Y1" dimension).





The PTO shaft maximum allowable length must, when fully extended, have a minimum overlap of the profile tubes by not less than 1/3 the free length with both inner and outer profile tubes being of equal length.

For minimum PTO shaft length, measure 1" ("B" dimension) back from universal joint shield to end of outer PTO shaft shield.

4. OPERATING

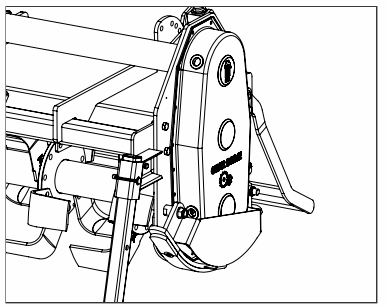
Before operate the tiller, make sure you have read and understood the operating manuals of the tiller, tractor and PTO shaft.

DANGER

During operation, adjustment, maintenance, repairing or transportation of the machine, the operator must always use appropriate Personal Protective Equipment (PPE).

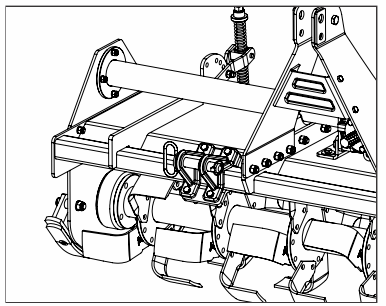
Before starting work, ensure that all machine guards are in good conditions and fully functional.

NOTE: ***Never attempt to adjust the rotary tiller while the tractor is running. Do not allow the tractor engine or rotary tiller to bog down or stall. This causes undue wear and tear on the tiller and tractor. If this continues to happen reduce ground speed and raise tilling depth of rotary tiller. Never attempt to remove objects from the rotor bar until the tractor has been shut down and the tiller tines have completely stopped.***



4.1 Raising parking stand

1. Remove spring locking pin .
2. Slide parking stand and way up on tiller bracket.
3. Fasten with spring locking pin.



4.2. Lower Clevises Adjustment

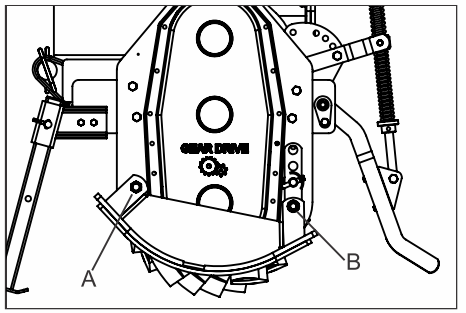
It is possible to adjust the lower hitch position loosening the bolts and sliding the clevis. Tighten the bolts after making any adjustment required.

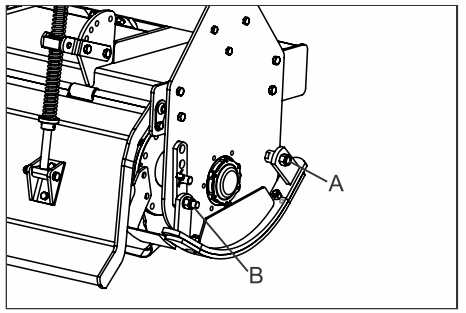
4.3 SKIDS ADJUSTMENT

The working depth of the tiller is determined by the position of the side skids. It may be increased by raising the skids, and decreased by lowered them. It's important that both skids are adjusted at the same height.

To adjust the working depth, perform the following steps:

- Lift the machine, put it safely on security stands, then switch the tractor engine off, disengage PTO, set parking brake and off the ignition key.
- Loosen the bolt A in the front of the skid.
- Loosen the bolt B and remove the bolt on the rear of the skid.
- Adjust the height of the skid through the holes, as desired.
- Tighten the bolts.





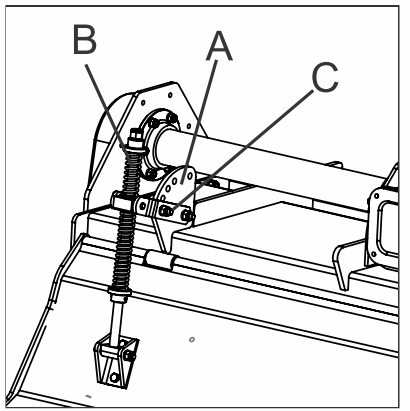
When finished, verify that both skids are at same level, and check if the front of the tiller is leveled to the back, when lowered to the ground. Adjust with the 3-point top link if necessary.

4.4. Rear Board Adjustment

The position of plank board is adjustable by varying the hole position on shocker mounting plate (A). lowering the hole will increase pressure of tension shocker assembly (B) on plank board which result soil level compaction while upper hole position will reduce the pressure.

To adjust the plank board position, perform the following steps:

Loosen and remove the bolt and nut of shocker holding clamp (C) adjust the clamp upper and lower against shocker mounting plate (A) as required.



5. TRANSPORTING

To set the tiller for transportation, perform the following steps:

- Idle tractor engine, disengage tractor PTO, and wait for stopping of all rotating parts;
- Lift the tiller until the transport position, making sure the PTO shaft does not contact tractor or tiller. A minimum gap of 2 cm should be leaved between the tubes and tractor and tiller.
- Lock the tractor lifting hydraulics, turn off the engine, set the parking brake, remove ignition key and get off the tractor.
- Adjust the parking stand to the highest position, through the use of relative retaining pin, to prevent its possible damage during transport. When driving on public roads, follow strictly all local laws and traffic regulations.

6. MAINTENANCE

6.1 Service Lubrication

⚠ CAUTION

- The given frequencies are indicative and refer to normal conditions of use. They may therefore be subjected to variations in relation to the type of service, in more or less dusty environment, seasonal factors, etc.
- In the case of heavy-duty condition, the maintenance operation should obviously be more frequent.
- Before injecting grease into the lubricators, the greasing points must be thoroughly cleaned to prevent mud, dust or foreign bodies from mixing with the lubricants, thus reducing or even annulling its lubricating effect.
- When topping up or changing the lubricant, always ensure that the oil is of the same type as that used previously.
- Always keep oil and greases well away from children's reach. Always thoroughly read the warnings and precautions indicated on the containers.
- Avoid contact with the skin.
- Always thoroughly and fully wash after use. The utilized oils should be treated in compliance with the current anti-pollution laws.

It is advisable to use SAE 140 EP Grade OIL or equivalent for the gear box unit and side transmission. It is advisable to use high quality grease for all greasing points.

Every 8 Work Hours

- Grease the PTO Shaft cross journals.
- Check that the bolts fixing the hoe blades are well tightened.

Every 50 Work Hours

- Check the level of the oil in the gearbox or in the reduction unit and top up to the level mark on the rod as necessary.
- Transmission lateral part chain: check the level of the oil in the side casing of the transmission unit.
- Add oil through the fill plug if necessary. It should flow from the level plug.

Every 200 Work Hours

- Change the oil in the gearbox or in the reduction unit and transmission casing by completely draining of the old oil through the drain plug, under the reduction unit and through the transmission drain plug.

6.2 Blades Replacement

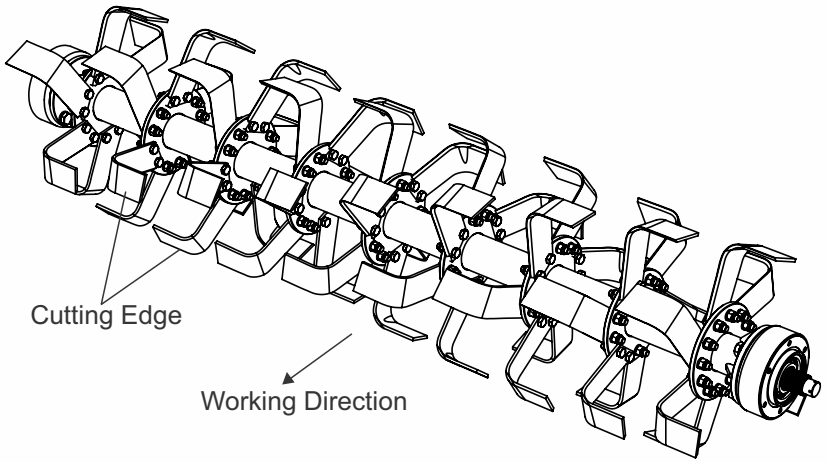
The Blades with which the rotary tiller is equipped can work soils of normal conformation. Check the degree of wear and condition of the Blades each day. If the blades should accidentally bend (or break) during work, they must be immediately replaced.

First - Identify Blades:

Remember to mount the new Blade in exactly the same position as the old one. If several Blades must be replaced, it is advisable to remove and assemble one Blade at a time in order to prevent positioning errors. The tillers are normally equipped with 6 blades per flange.

Second - Install New Blades:

1. Raise tiller with a safe lifting device.
2. Put safety stands or blocks under tiller.
3. Stand facing rear of tiller and study placement of Blades.
4. Remove bolts, lock washers, and nuts.



7. STORAGE

It is advisable to proceed in the following way at the end of the season or if the machine is to remain inactive for a long period of time:

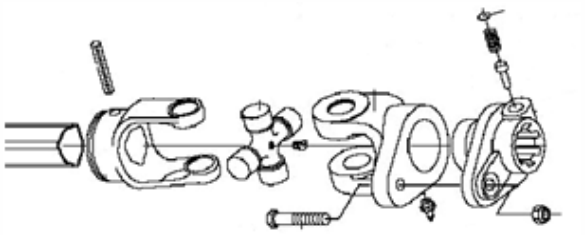
- Wash the implement, particularly removing any fertilizer and/or chemical products, and then thoroughly dry it.
- Carefully check for any damaged or worn parts and replace these if necessary.

3. Fully check screws or bolts, particularly those fixing the hoe blades.
4. Thoroughly lubricate the implement and lastly protect it with a plastic sheet. Store it in a dry place.

Careful compliance with these instructions will be all to the advantage of the user who will be sure to use an implement in perfect conditions when work begins again. Remember that the manufacturer is always at your disposal for any assistance or spare parts as may be required.

8. SERVICING TIPS

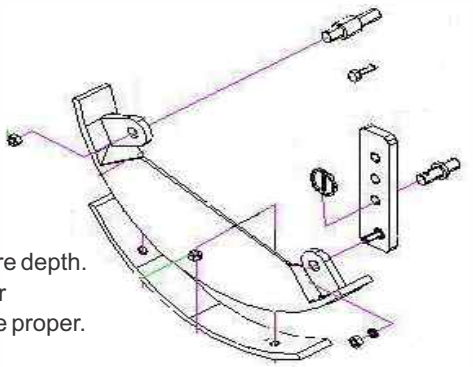
1. **Problem--** P.T.O shaft is rotating with constant speed but not the gear box.
   Cause of problem -- Safety bolt might be broken
   Solution – Replace the safety bolt.
   a) Remove the P.T.O shaft from the R.T side.
   b) Dislodge the safety bolt and replace it.



2. **Problem—**P.T.O shaft is making noise/ vibration.
   Cause of problem – P.T.O cross is broken.
   Solution –Change the P.T.O cross.
   a) Take the P.T.O shaft and check the cross of both side by rotating it.
   b) Remove the lock of the cross which is broken.
   c) Take out the cross by using hammer gentely.
   d) Insert the new one properly then lock it.
   e) Rotate the yoke, it should rotate properly.
   f) Make the greasing properly.

3. **Problem—**Yoke is not fitting on the pinion shaft.
   Cause of problem – Yoke pin is broken.
   Solution –Replace the yoke pin.
   a) Clear the head of the pin push it with with hammer and remove it
   B) Replace it with new one.
   c) Take care of proper cleaning and greasing.

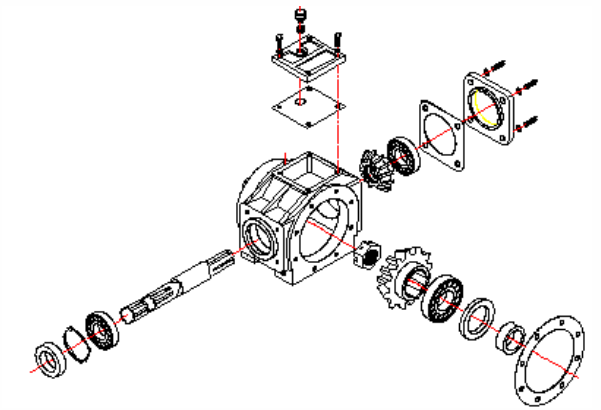
4. **Problem—**Rotary tiller is not taking proper depth.
   Cause of problem— Side depth skids need to be adjusted.



Solution –
a) Lose the side skid bolt .
b) Shift the hole to the upper side.

2. **Problem—**R.T. is taking on one side more depth.
   Cause of problem –linkage is not proper
   Solution –Linkage adjustment should be proper.
a. Tractor linkage should be tight.
b. There should not be any play more then1.5”(38MM).
c. At the time of attaching the rotary tiller the R.T should be in proper leveled position.
d. Both side skids should be in same bolt position.

3. **Problem—**Gear box is noisy.
   Cause of problem –Play in bearing or teeth broken.
   Solution –Replace the bearing or bevel gear.



a) Open the top cover to see the wear of the teeth
b) If the teeth of the gear is broken the bevel set needs to be replaced.
c) Pull out the gear box and open the big flange.
d) Then remove the back plate
e) Pull out the pinion shaft using hammer or press machine.
f) Replace the bearing, gear and seals.
g) Make the fitment in the same way using new gasket.
h) The gear should rotate freely.
i) Assemble it back the breather valve should be clean and oiling should be checked.

2. **Problem—**Gear shafts are rotating but not the chain/rotor
   Cause of problem –Transmission shaft / chain/ RD shaft is broken

Solution –Open the chain cover and replace the part which is broken.

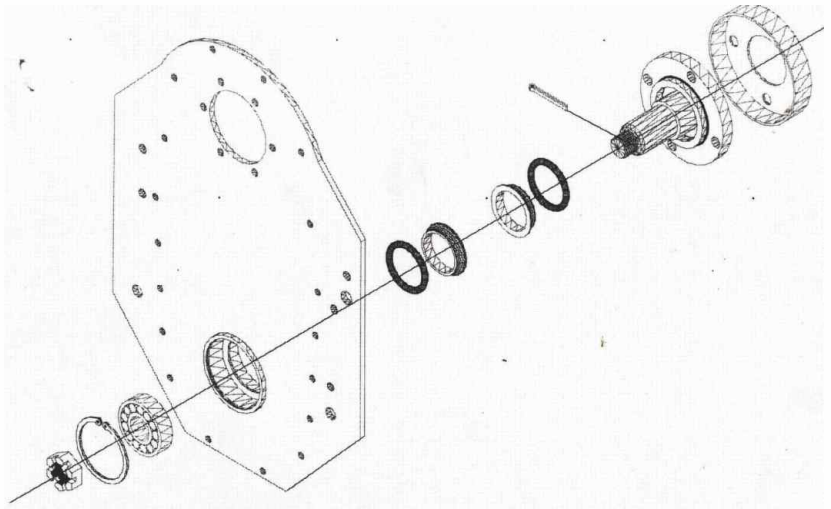
a. First remove the lock & loose the check nut.
b. Pull out the sprocket assembly with chain.
c. If the transmission shaft is broken, follow the same process as above and replace the shaft then assemble the gear box with rotary tiller.
d. If chain is broken then replace the chain and assemble the sprockets together with chain & then tighten the check nuts.

For RD shaft the process will be different

e. First open the flange bolt of the rotor on both side (RD shaft and Dead shaft) and remove the rotor.
f. Loosen the check nut of RD shaft and hammer it till it gets out from the RD shaft hub & then replace the RD shaft and tight the check nut. Take care of the seal as it should not be harmed with this replacement.

The same process be followed for dead shaft replacement.

3. **Problem—**Oil leakage from the RD shaft hub or dead hub.
Cause of problem –Seal is wearing out needs to replaced it.
Solution – Open the hub assembly as before



a. Take out the hub from the plate by loosening the bolts
b. Remove the lock and pull out the shaft.
c. Pull out the seal from both shaft and hub then replace it with new one
d. Inspect the position of bearing and hub if it is ok. Clean it and assemble as before.
e. Proper greasing is very necessary in assembly processes.

9. TORQUE VALUES TABLE

Torque Values Chart for Common Bolt Sizes

Bolt Size (inches)	Bolt Head Identification Grade 2		Grade 5		Grade 8	
in-tpi [1]	N · m [2]	ft-lb [3]	N · m	ft-lb	N · m	ft-lb
1/4" - 20	7.4	5.6	11	8	16	12
1/4" - 28	8.5	6	13	10	18	14
5/16" - 18	15	11	24	17	33	25
5/16" - 24	17	13	26	19	37	27
3/8" - 16	27	20	42	31	59	44
3/8" - 24	31	22	47	35	67	49
7/16" - 14	43	32	67	49	95	70
7/16" - 20	49	36	75	55	105	78
1/2" - 13	66	49	105	76	145	105
1/2" - 20	75	55	115	85	165	120
9/16" - 12	95	70	150	110	210	155
9/16" - 18	105	79	165	120	235	170
5/8" - 11	130	97	205	150	285	210
5/8" - 18	150	110	230	170	325	240
3/4" - 10	235	170	360	265	510	375
3/4" - 16	260	190	405	295	570	420
7/8" - 9	225	165	585	430	820	605
7/8" - 14	250	185	640	475	905	670
1" - 8	340	250	875	645	1230	910
1" - 12	370	275	955	705	1350	995
1-1/8" - 7	480	355	1080	795	1750	1290
1-1/8" - 12	540	395	1210	890	1960	1440
1-1/4" - 7	680	500	1520	1120	2460	1820
1-1/4" - 12	750	555	1680	1240	2730	2010
1-3/8" - 6	890	655	1990	1470	3230	2380
1-3/8" - 12	1010	745	2270	1670	3680	2710
1-1/2" - 6	1180	870	2640	1950	4290	3160
1-1/2" - 12	1330	980	2970	2190	4820	3560

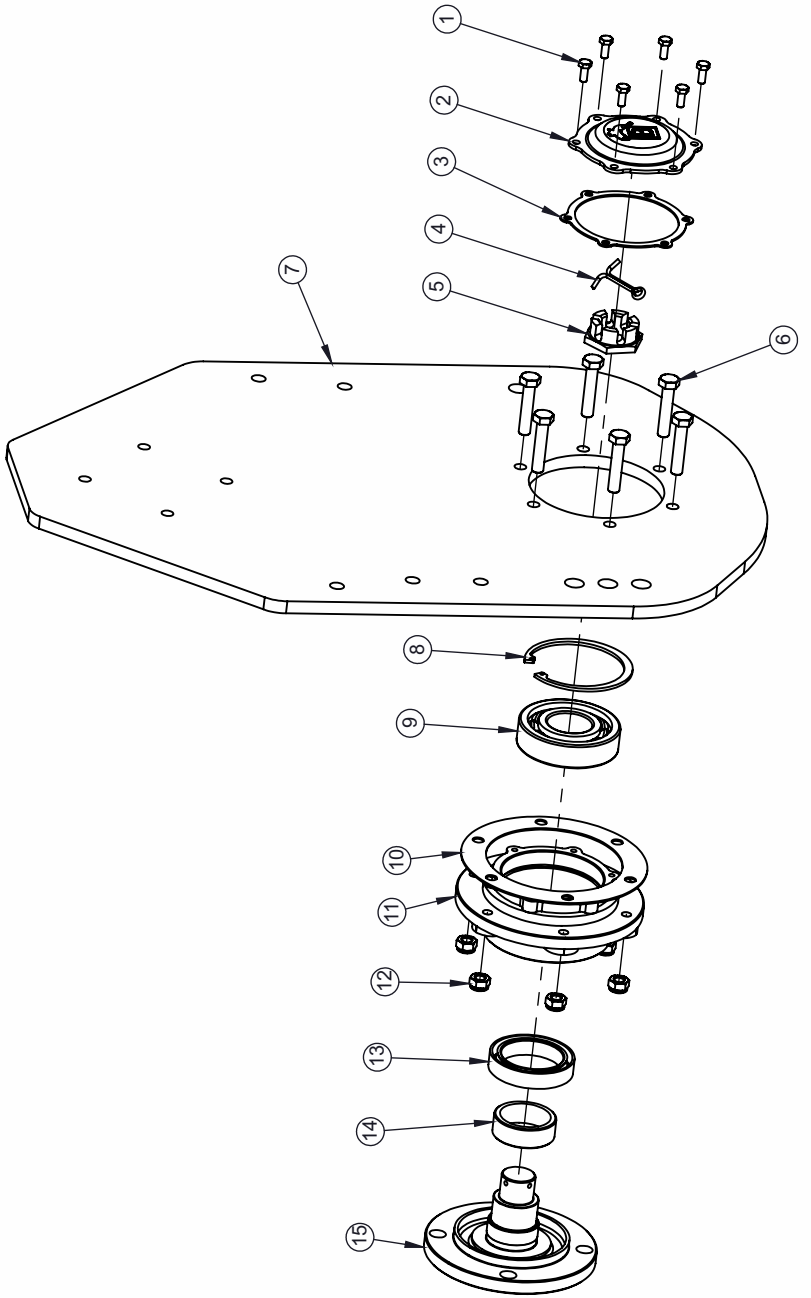
Bolt Size (Metric)	Bolt Head Identification 5.8 Class 5.8		8.8 Class 8.8		10.9 Class 10.9	
mm x pitch [4]	N · m	ft-lb	N · m	ft-lb	N · m	ft-lb
M 5 X 0.8	4	3	6	5	9	7
M 6 X 1	7	5	11	8	15	11
M 8 X 1.25	17	12	26	19	36	27
M 8 X 1	18	13	28	21	39	29
M10 X 1.5	33	24	52	39	72	53
M10 X 0.75	39	29	61	45	85	62
M12 X 1.75	58	42	91	67	125	93
M12 X 1.5	60	44	95	70	130	97
M12 X 1	90	66	105	77	145	105
M14 X 2	92	68	145	105	200	150
M14 X 1.5	99	73	155	115	l215	160
M16 X 2	145	105	225	165	315	230
M16 X 1.5	155	115	240	180	335	245
M18 X 2.5	195	145	310	230	405	300
M18 X 1.5	220	165	350	260	485	355
M20 X 2.5	280	205	440	325	610	450
M20 X 1.5	310	230	650	480	900	665
M24 X 3	480	355	760	560	1050	780
M24 X 2	525	390	830	610	1150	845
M30 X 3.5	960	705	1510	1120	2100	1550
M30 X 2	1060	785	1680	1240	2320	1710
M36 X 3.5	1730	1270	2650	1950	3660	2700
M36 X 2	1880	1380	2960	2190	4100	3220

[1] in-tpi = nominal thread diameter in inches-threads per inch
[2] N· m = newton-meters
[3] ft-lb= foot pounds
[4] mm x pitch = nominal thread diameter in millimeters x thread pitch

10. PART CATALOG

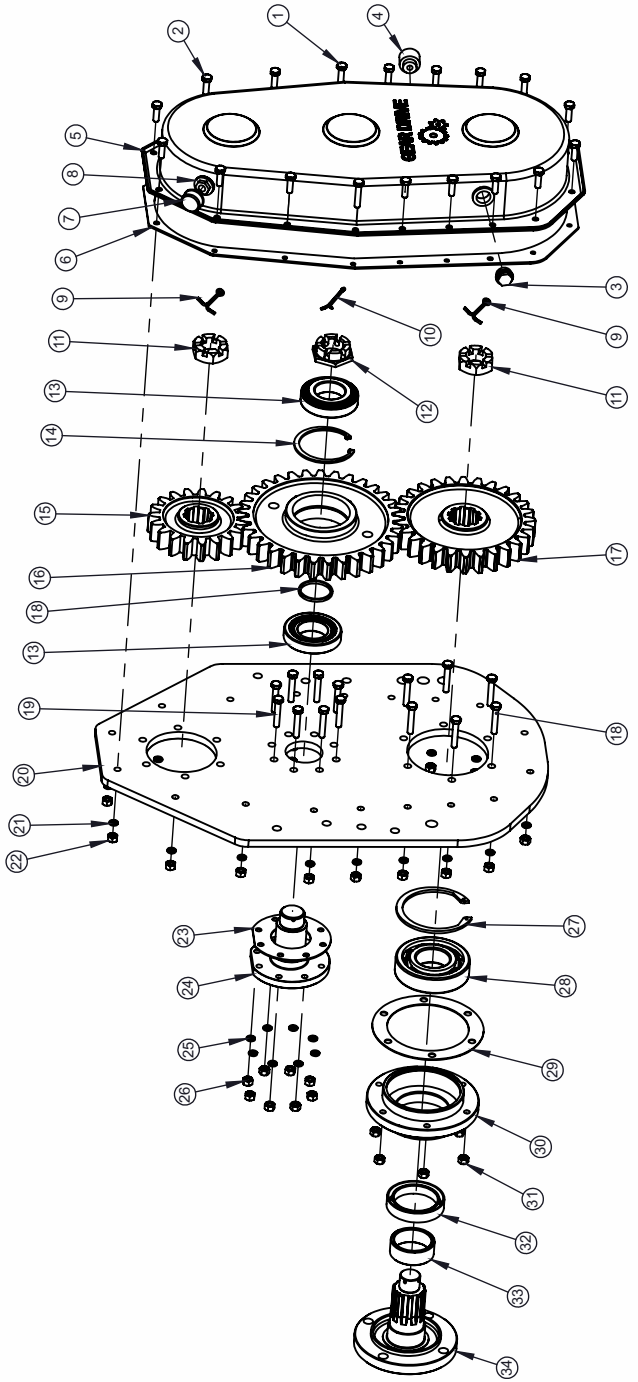
ROTARY TILLER DEAD SIDE PLATE			
SR. NO.	DESCRIPTION	ITEM CODE	QTY.
1	HEX HEAD BOLT M6 X 1.0 X 16MM	10260359	6
2	DEAD HUB CAP ROUND	10180001	1
	DEAD HUB CAP (DOME TYPE)	10150127	
3	GASKET DEAD HUB CAP 105 X 92 X 10	10040026	1
	GASKET DEAD HUB CAP (DOME TYPE)	10040143	
4	SPLIT PIN 4 X 55MM	10020054	1
5	CASTLE NUT M30 X 1.5MM	10280093	1
6	HEX HEAD BOLT M10 X 1.5 X 30MM	10260396	6
7	RT SIDE PLATE DEAD SIDE 18 X 33 X 28	78910007	1
	RT SIDE SMALL PLATE DEAD SIDE 18 X 33 X 28	73540004	
	RT SIDE PLATE DEAD SIDE 19 X 33 X 25	78910008	
	RT SIDE SMALL PLATE DEAD SIDE 19 X 33 X 25	70050001	
8	INTERNAL CIRCLIP 95MM	10390014	1
	INTERNAL CIRCLIP 118MM	10390013	
9	BEARING 6308	10050051	1
	BEARING 6310	10050053	
10	GASKET DEAD HUB	10040025	1
11	DEAD HUB (OIL SEAL TYPE)	10090021	1
	DEAD HUB (MECHANICAL FACE SEAL)	10090086	
12	PLAIN NUT M10 X 1.5MM	10280036	6
13	OIL SEAL 55 X 75 X 15MM	10010023	1
	MECHANICAL FACE OIL SEAL	10010137	
14	DEAD AXLE BUSH	10070042	1
15	DEAD AXLE SHAFT (OIL SEAL TYPE)	10110002	1
	DEAD AXLE SHAFT (MECHANICAL FACE SEAL)	10290239	

ROTARY TILLER DEAD SIDE PLATE



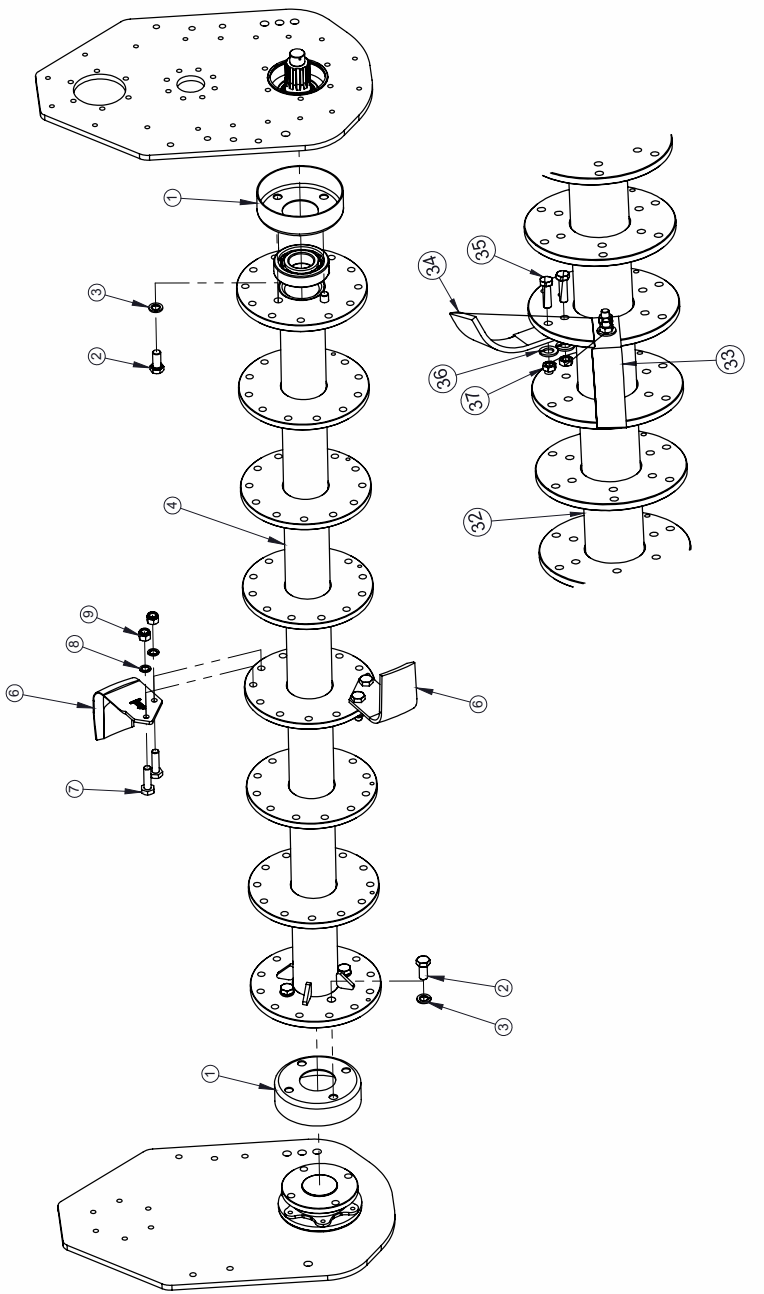
ROTARY TILLER DRIVE SIDE PLATE			
SR. NO.	**DESCRIPTION**	**ITEM CODE**	**QTY.**
1	HEX HEAD BOLT M8 X 1.25 X 35MM	10260360	2
2	HEX HEAD BOLT M8 X 1.25 X 30MM	10260456	16
3	DRAIN PLUG	10280011	1
4	OIL LEVEL INDICATOR	10300117	1
5	GEAR COVER	10150006	1
6	GASKET GEAR COVER	10040016	1
7	BREATHER VALVE	10190001	1
8	BREATHER NUT M22 X 1.5	10280010	1
9	SPLIT PIN 4 X 65MM	10020055	2
10	SPLIT PIN 1/8 X 2.5 INCH	10020097	1
11	CASTLE NUT M30 X 1.5MM	10280093	2
12	CASTLE NUT 36 X 2	10280071	1
13	BEARING 32209	10050013	2
14	INTERNAL CIRCLIP B85	10390032	1
15	SPUR GEAR 18T-8S	10250200	1
	SPUR GEAR 19T-8S	10250196	
16	SPUR GEAR Z33	10250197	1
17	SPUR GEAR 28-10S	10250201	1
	SPUR GEAR 25-10S	10250198	
18	SPACER 45X4	10300096	1
19	HEX HEAD BOLT M10 X 1.5 X 35MM	10260353	12
20	RT SIDE PLATE DRIVE SIDE 18X33X28	73590002	1
	RT SIDE PLATE DRIVE SIDE 19X33X25	70040004	
21	SPRING WASHER 8MM	10270001	18
22	NYLOCK NUT M8 X 1.25MM	10280027	18
23	GASKET IDLER PIN	10040165	1
24	IDLER PIN	10020004	1
25	SPRING WASHER 10MM	10270002	6
26	NYLOCK NUT M10 X 1.5MM	10280027	6
27	CIRCLIP 118	10390013	1
28	BEARING 6310	10050053	1
29	GASKET RD HUB 165 X 120 X 1.5MM	10040025	1
30	RD HUB (OIL SEAL TYPE)	10090010	1
	RD HUB (MECHANICAL FACE SEAL)	10090086	
31	PLAIN NUT M10 X 1.5MM	10280036	6
32	OIL SEAL 65 X 85 X 16MM	10010136	1
	MECHANICAL FACE OIL SEAL	10010137	
33	RD SHAFT BUSH 55 X 65 X 24	10070002	1
34	RD SHAFT 10S (OIL SEAL TYPE)	10290017	1
	RD SHAFT 10S (MECHANICAL FACE SEAL)	10290165	

ROTARY TILLER DRIVE SIDE PLATE



ROTARY TILLER ROTOR ASSEMBLY			
SR. NO.	**DESCRIPTION**	**ITEM CODE**	**QTY.**
1	ROTOR COVER	10150003	2
2	HEX HEAD BOLT M16 X 1.50 X 35MM	10260369	8
3	SPRING WASHER 16MM	10270005	8
4	**ROTOR ASSEMBLY (L & C-TYPE BLADE)**		1
	ROTOR ASSEMBLY 1.00 MTR	70030012	
	ROTOR ASSEMBLY 1.25 MTR	73190001	
	ROTOR ASSEMBLY 1.50 MTR	73200001	
	ROTOR ASSEMBLY 1.75 MTR	73210001	
	ROTOR ASSEMBLY 2.00 MTR	73220001	
	ROTOR ASSEMBLY 2.25 MTR	73230001	
5	HOE LHS (L TYPE) (80 x 7)	10060016	3 PER FLANGE
	HOE LHS (C TYPE) (80 x 7)	10060035	
6	HOE RHS (L TYPE) (80 x 7)	10060017	3 PER FLANGE
	HOE RHS (C TYPE) (80 x 7)	10060034	
7	HEX HEAD BOLT M14 X 1.5 X 45MM	10261365	12 PER FLANGE
8	SPRING WASHER 14MM	10270004	
9	NYLOCK NUT M14 X 1.5MM	10280004	
10	**ROTOR ASSEMBLY (J- TYPE BLADE)**		1
	ROTOR ASSEMBLY 1.00 MTR	73200006	
	ROTOR ASSEMBLY 1.25 MTR	73200007	
	ROTOR ASSEMBLY 1.50 MTR	73200003	
	ROTOR ASSEMBLY 1.75 MTR	73200004	
	ROTOR ASSEMBLY 2.00 MTR	73200005	
	ROTOR ASSEMBLY 2.25 MTR	73230004	
11	J-TYPE HOE LHS	10060023	3 PER FLANGE
12	J-TYPE HOE RHS	10060022	3 PER FLANGE
13	HEX HEAD BOLT M12 X 1.75 X 40MM	10260355	12 PER FLANGE
14	SPRING WASHER 12MM	10270003	12 PER FLANGE
15	NYLOCK NUT M12X1.75	10280025	12 PER FLANGE

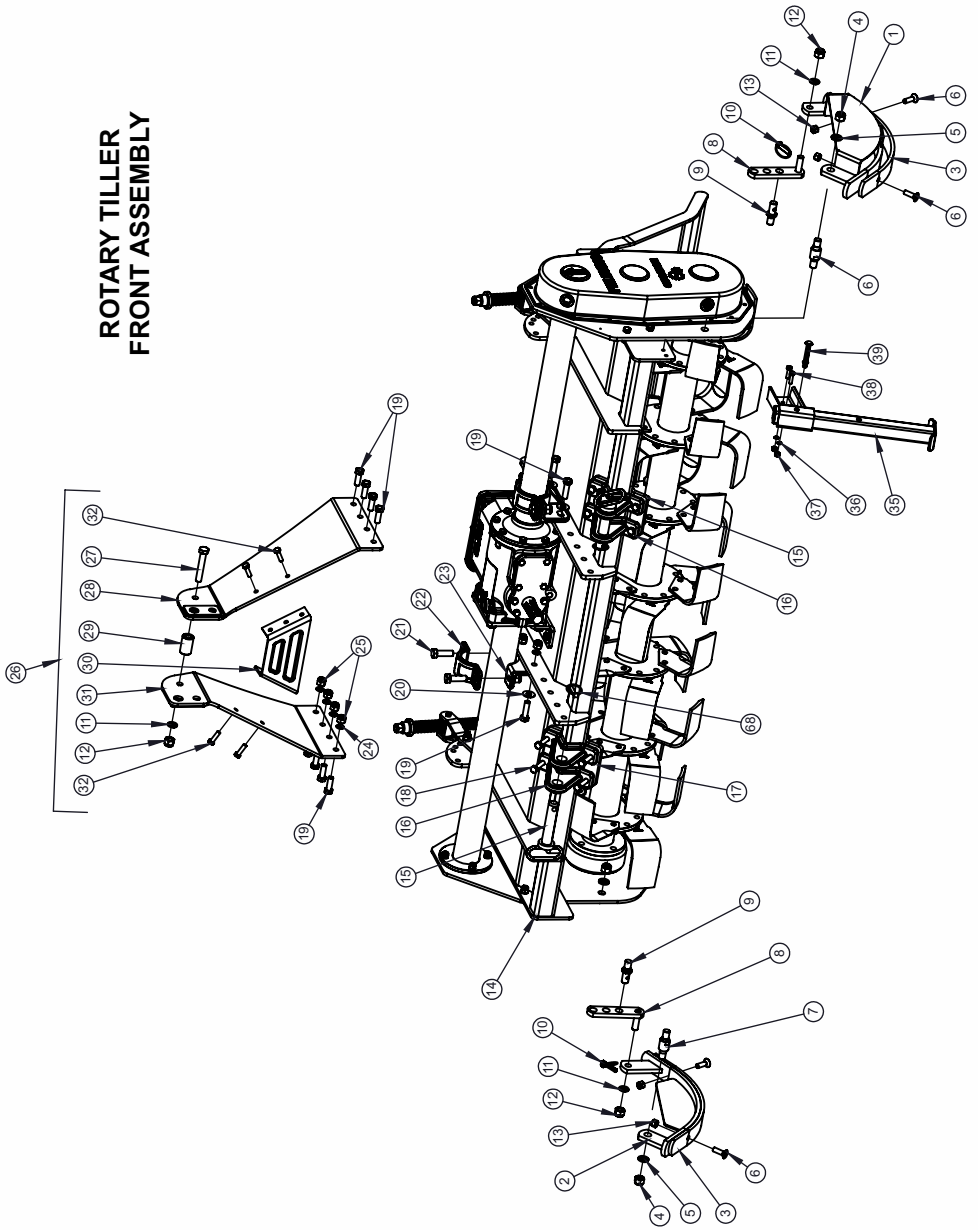
ROTARY TILLER ROTOR ASSEMBLY



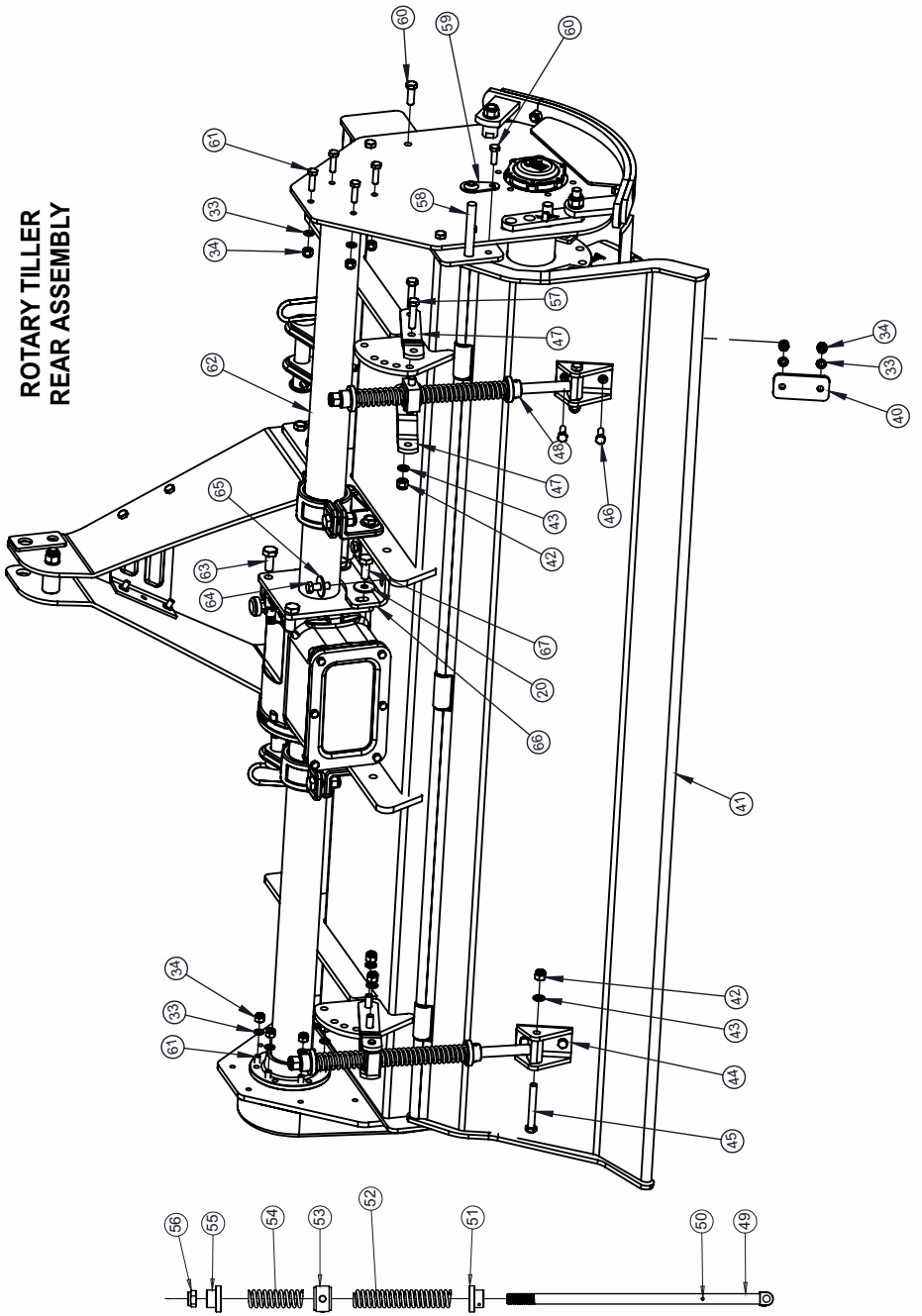
J- TYPE ROTOR ASSEMBLY

ROTARY TILLER FRONT ASSEMBLY			
SR. NO.	**DESCRIPTION**	**ITEM CODE**	**QTY. 1.00-1.75 / 2.00-2.25**
1	DEPTH SKID ASSEMBLY RHS	71570030	1
2	DEPTH SKID ASSEMBLY LHS	73420008	1
3	DEPTH SKID SUPPORT BENT STRIP LOWER	71570031	2
4	NYLOCK NUT M18 X 1.5MM	10280006	4
5	SPRING WASHER 18MM	10270006	4
6	CSK BOLT M12 X 1.75 X 35MM	10260049	4
7	DEPTH SKID PIN 90 (M18 X 1.5 X 90MM)	10020001	2
8	DEPTH SKID ADJUSTER STUD ASSEMBLY	71570022	2
9	DEPTH SKID PIN 69 (M18 X 1.5 X 69MM)	10020002	2
10	LINCH PIN 8MM	10020045	2
11	SPRING WASHER 16MM	10270005	8/12
12	NYLOCK NUT M16 X 2MM	10280005	8/12
13	PLAIN NUT M12 X 1.75MM	10280028	4
14	FRAME ASSEMBLY 1.00 MTR.	70010031	1
	FRAME ASSEMBLY 1.25 MTR.	70010032	
	FRAME ASSEMBLY 1.50 MTR.	70010033	
	FRAME ASSEMBLY 1.75 MTR.	70010034	
	FRAME ASSEMBLY 2.00 MTR.	70010035	
	FRAME ASSEMBLY 2.25 MTR.	72990001	
15	TILLER PIN 28 X 45 WITH HANDLE	10020047	2
16	FRONT LINK BRACKET UPPER	10120006	2
17	FRONT LINK BRACKET LOWER	10120005	2
18	HEX HEAD BOLT M12 X 1.75 X 60MM	10260356	8
19	HEX HEAD BOLT M14 X 2 X 50MM	10260386	12/16
20	PLAIN WASHER 14MM	10270030	6/10
21	HEX HEAD BOLT M16 X 2 X 55MM	10260454	4/8
22	TRANSMISSION PIPE UPPER CLAMP	10220090	2/4
23	TRANSMISSION PIPE LOWER CLAMP	10220091	2/4
24	SPRING WASHER 14MM	10270004	12/16
25	NYLOCK NUT M14 X 2MM	10280090	12/16
26	**TPL ASSEMBLY**	73570047	1
27	HEX HEAD BOLT M16 X 2 X 95MM	10260418	2
28	FRONT LEVER PLATE RHS	73570082	1
29	BUSH 17 X 32 X 52MM	10070004	2
30	MIDDLE SUPPORT PLATE	73570009	1
31	FRONT LEVER PLATE LHS	73570081	1
32	HEX HEAD BOLT M10 X 1.5 X 30MM	10260396	4
33	SPRING WASHER 10MM	10270002	20/24
34	NYLOCK NUT M10 X 1.5MM	10280002	20/24
35	STAND ASSEMBLY	73460005	1
36	SPRING WASHER 8MM	10270001	2
37	NYLOCK NUT M8 X 1.25MM	10280027	2
38	HEX HEAD BOLT M8 X 1.25 X 30MM	10260456	2
39	WIRE LOCK PIN	10020022	4

ROTARY TILLER FRONT ASSEMBLY



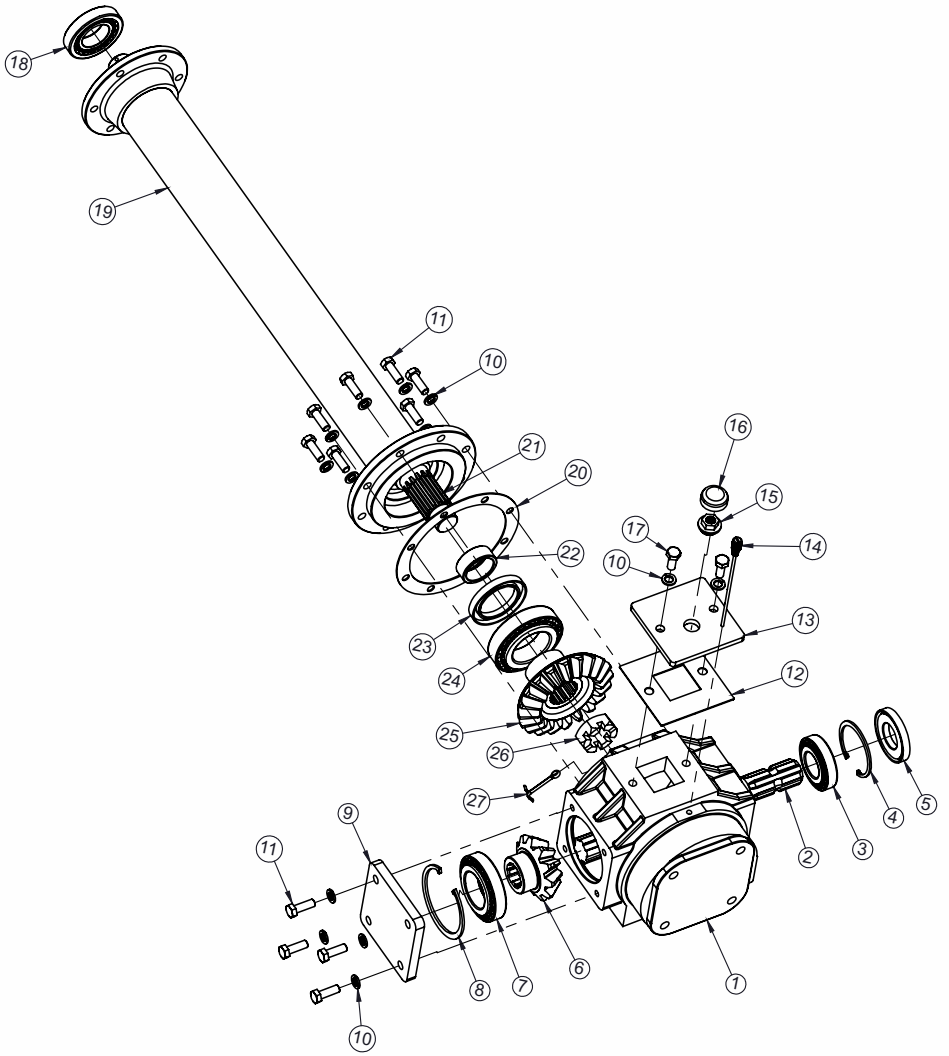
ROTARY TILLER REAR ASSEMBLY			
SR. NO.	**DESCRIPTION**	**ITEM CODE**	**QTY. 1.00-1.75 / 2.00-2.25**
40	SHOCKER-PLANK ATTACHMENT INNER SUPPORT	70020026	2/4
41	PLANK ASSEMBLY 1.00 MTR	70020024	1
	PLANK ASSEMBLY 1.25MTR	70020013	
	PLANK ASSEMBLY 1.50 MTR	73080001	
	PLANK ASSEMBLY 1.75 MTR.	73090001	
	PLANK ASSEMBLY 2.00 MTR.	73100001	
	PLANK ASSEMBLY 2.25 MTR.	70270026	
42	SPRING WASHER 12MM	10270003	22/26
43	NYLOCK NUT M12 X 1.75MM	10280025	22/26
44	SHOCKER -PLANK ATTACHMENT U-CLAMP	10220003	2/4
45	HEX HEAD BOLT M12 X 1.75 X 90MM	10260364	2/4
46	CSK BOLT M10 X 1.5 X 35MM	10260027	4/8
47	FRAME SHOCKER HOLDING U CLAMP	70020012	4/8
48	**SHOCKER ASSEMBLY ROTARY TILLER**	73180001	2/4
49	SHOCKER ROD 19X470MM	10160006	1
50	RIVIT 5 X 35MM	20050422	1
51	SHOCKER SPRING CUP LOWER WITH PIN	10180018	1
52	SHOCKER BIG SPRING 33X203	10210002	1
53	SHOCKER ROD SQUARE BUSH	10070003	1
54	SHOCKER SMALL SPRING 33X10	10210003	1
55	SHOCKER SPRING CUP UPPER	10180002	1
56	NYLOCK NUT M18X1.5MM	10280006	1
57	HEX HEAD BOLT M12X 1.75 X 50 MM	10260373	4/8
58	PLANK ROD 1.00 MTR	70020033	2
	PLANK ROD 1.25 MTR.	70020032	
	PLANK ROD 1.50 MTR.	70020031	
	PLANK ROD 1.75 MTR.	70020030	
	PLANK ROD 2.00 MTR.	70020029	
	PLANK ROD 2.25MTR.	70020028	
59	PLANK ROD SUPPORT PLATE	70020050	2
60	HEX HEAD BOLT M10 X 1.50 X 35MM	10260353	12
61	HEX HEAD BOLT M12 X 1.75 X 35MM	10260362	8
62	GEAR BOX SIDE MOUNTING PIPE ASSY-(SINGLE)	74790007	1
	GEAR BOX SIDE MOUNTING PIPE ASSY-S100	74790047	
	GEAR BOX SIDE MOUNTING PIPE ASSY-S125	74790048	
	GEAR BOX SIDE MOUNTING PIPE ASSY-S150	74790049	
	GEAR BOX SIDE MOUNTING PIPE ASSY-S175	74790050	
	GEAR BOX SIDE MOUNTING PIPE ASSY-S200	74790051	
	GEAR BOX SIDE MOUNTING PIPE ASSY-S225	74790052	
	GEARBOX SIDE SUPPORT PIPE ASSY (MULTI)	74790002	
	GEAR BOX SIDE MOUNTING PIPE ASSY-M100	74790053	
	GEAR BOX SIDE MOUNTING PIPE ASSY-M125	74790054	
	GEAR BOX SIDE MOUNTING PIPE ASSY-M150	74790055	
	GEAR BOX SIDE MOUNTING PIPE ASSY-M175	74790056	
	GEAR BOX SIDE MOUNTING PIPE ASSY-M200	74790057	
	GEAR BOX SIDE MOUNTING PIPE ASSY-M225	74790058	
63	HEX HEAD BOLT M14 X 2 X 35MM	10260372	2
64	HEX HEAD BOLT M12 X 1.75 X 25MM	10260479	2
65	PLAIN WASHER 12MM	10270010	2
66	GEARBOX LOWER SUPPORT BRACKET	74790087	1
67	HEX HEAD BOLT M14 X 2 X 45MM	10261365	2
68	LINCH PIN 10MM	10020022	2



SINGLE SPEED GEAR BOX ASSEMBLY (11X20)			
SR. NO	DESCRIPTION	ITEM CODE	QTY
1	GEAR BOX HOUSING (SINGLE SPEED)11X20	10080001	1
2	PINION SHAFT (SINGLE SPEED)	10290010	1
3	BEARING 30207	10050100	1
4	CIRCLIP 72MM (INTERNAL)	10390022	1
5	OIL SEAL 35X72X10	10010001	1
6	PINION GEAR 11TX6 SPLINES	10250018	1
7	BEARING 30210	10050097	1
8	CIRCLIP 95MM	10390014	1
9	GEAR BOX REAR BEARING PLATE (SINGLE SPEED)	73620002	1
10	SPRING WASHER 10MM	10270002	14
11	HEX HEAD BOLT M10X30X1.5MM	10260396	12
12	GASKET TOP PLATE GEAR BOX 109X109X1.5MM (11X20)	10040033	1
13	GEAR BOX TOP PLATE	73620003	1
14	DIP STICK	10300001	1
15	BREATHER NUT 22X1.5MM	10280010	1
16	BREATHER VALVE	10190001	1
	HEX HEAD BOLT M12X20X1.5MM	10260128	1
17	HEX HEAD BOLT M10X25X1.5MM	10260361	2
18	BEARING 32209	10050013	1
19	TRANSMISSION PIPE ASSEMBLY 1.25 MTS.	71590004	1
	TRANSMISSION PIPE ASSEMBLY-1.50 MTR	73830001	
	TRANSMISSION PIPE ASSEMBLY-1.75 MTR	73840001	
	TRANSMISSION PIPE ASSEMBLY-2.00 MTR	73850001	
20	GASKET BIG FLANGE (8 HOLE) SS	10040009	1
21	TRANSMISSION SHAFT-1408S-S125	10290006	1
	TRANSMISSION SHAFT 1408S-S150	10290003	
	TRANSMISSION SHAFT 1408S-S175	10290009	
	TRANSMISSION SHAFT 1408S-S200	10290004	
22	TRANSMISSION SHAFT BUSH	10070038	1
23	OIL SEAL 55X80X10	10010002	1
24	BEARING 32211	10050009	1
25	BEVEL GEAR 20TX14 SPLINES	10250007	1
26	CASTLE NUT M30X1.5M	10280093	1
27	SPLIT PIN 4X65MM	10020055	1

DESCRIPTION	ITEM CODE	QTY.
GEAR BOX COMPLETE ASSEMBLY - 1.00 MTR	73650002	1
GEAR BOX COMPLETE ASSEMBLY - 1.25 MTR	73660002	
GEAR BOX COMPLETE ASSEMBLY - 1.50 MTR	73670002	
GEAR BOX COMPLETE ASSEMBLY - 1.75 MTR	73680002	
GEAR BOX COMPLETE ASSEMBLY - 2.00 MTR	73690002	

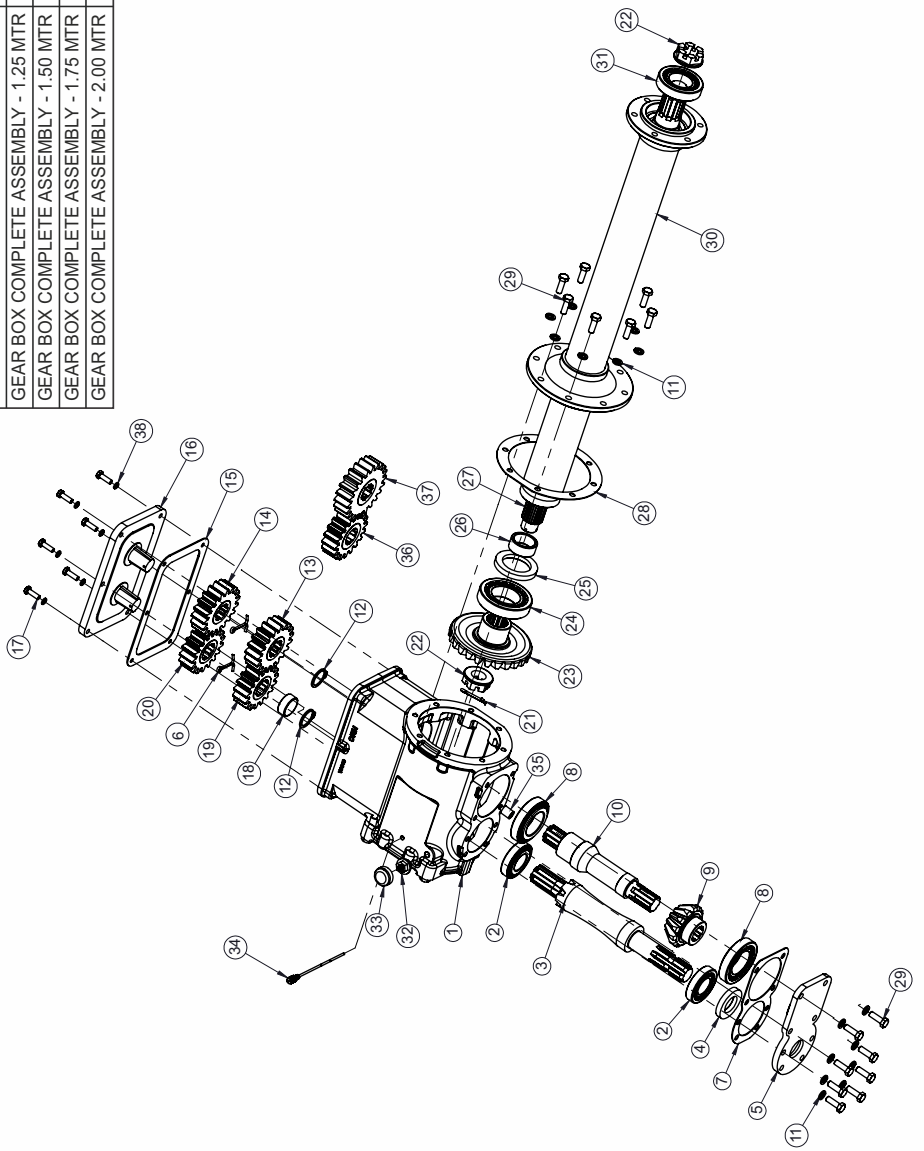
SINGLE SPEED
GEAR BOX ASSEMBLY (11X20)



MULTI 4 SPEED GEAR BOX ASSEMBLY (13X25)			
SR. NO.	DESCRIPTION	ITEM CODE	QTY.
1	GEAR BOX HOUSING (13X25 MULTISPEED)	10080002	1
2	BEARING 30207	10050100	2
3	DRIVE SHAFT	10290001	1
4	OIL SEAL 35X62X10	10010006	1
5	MULTI SPEED GEAR BOX FRONT BEARING PLATE	10130099	1
6	SPLIT PIN 1/8 X 2.5 INCH	10020097	2
7	GASKET FRONT BEARING PLATE	10040074	1
8	BEARING 30210	10050097	2
9	PINION GEAR 13T - 6S	10250016	1
10	PINION SHAFT	10290025	1
11	SPRING WASHER 10MM	10270002	20
12	EXTERNAL CIRCLIP 35 MM	10390029	2
13	SPUR GEAR 20T - 6S	10250013	1
14	SPUR GEAR 19T - 6S	10250033	1
15	GASKET MULTI SPEED GEAR BOX REAR BEARING PLATE	10040075	1
16	GEAR BOX REAR PLATE 4 SPEED	71940010	1
17	HEX HEAD BOLT M8X1.25X30	10260456	6
18	SPACER BUSH DRIVE SHAFT	10070064	1
19	SPUR GEAR 16T - 6S	10250032	1
20	SPUR GEAR 17T - 6S	10250010	1
21	SPLIT PIN LOCK 4X65MM	10020055	2
22	CASTLE NUT M30X1.5	10280093	2
23	BEVEL GEAR 25T-14S	10250025	1
24	BEARING 32211	10050009	1
25	OIL SEAL 55X80X10	10010002	1
26	TRANSMISSION SHAFT BUSH 21MM	100700 66	1
27	TRANSMISSION SHAFT 1408S 1.00 MTR	10290052	1
	TRANSMISSION SHAFT 1408S 1.25 MTR	10290051	
	TRANSMISSION SHAFT 1408S 1.50 MTR	10290050	
	TRANSMISSION SHAFT 1408S 1.75 MTR	10290049	
	TRANSMISSION SHAFT 1408S 2.00 MTR	10290048	
	TRANSMISSION SHAFT 1408S 2.25 MTR	10290148	
28	GASKET BIG FLANGE TRANSMISSION PIPE	10040046	1
29	HEX HEAD BOLT M10X1.5X30	10260396	16
30	TRANSMISSION PIPE ASSEMBLY 1.00 MTR	73820002	1
	TRANSMISSION PIPE ASSEMBLY 1.25 MTR	73920002	
	TRANSMISSION PIPE ASSEMBLY 1.50 MTR	73830002	
	TRANSMISSION PIPE ASSEMBLY 1.75 MTR	73840002	
	TRANSMISSION PIPE ASSEMBLY 2.00 MTR	73850002	
	TRANSMISSION PIPE ASSEMBLY 2.25 MTR	10290149	
31	BEARING 32209	10050013	1
32	BREATHER NUT M22X1.5	10280010	1
33	HEX HEAD BOLT M12X20X1.5	10260128	1
	BREATHER VALVE	10190001	1
34	DIP STICK	10300122	1
35	DRAIN PLUG	10300118	1
36	SPUR GEAR 14T -6S (1000 RPM)	10250041	1
	SPUR GEAR 15T -6S (1000 RPM)	10250053	1
	SPUR GEAR 18T -6S (1000 RPM)	10250104	1
37	SPUR GEAR 22T -6S (1000 RPM)	10250042	1
	SPUR GEAR 21T -6S (1000 RPM)	10250054	
	SPUR GEAR 18T -6S (1000 RPM)	10250104	1
38	SPRING WASHER 8MM	10270001	6

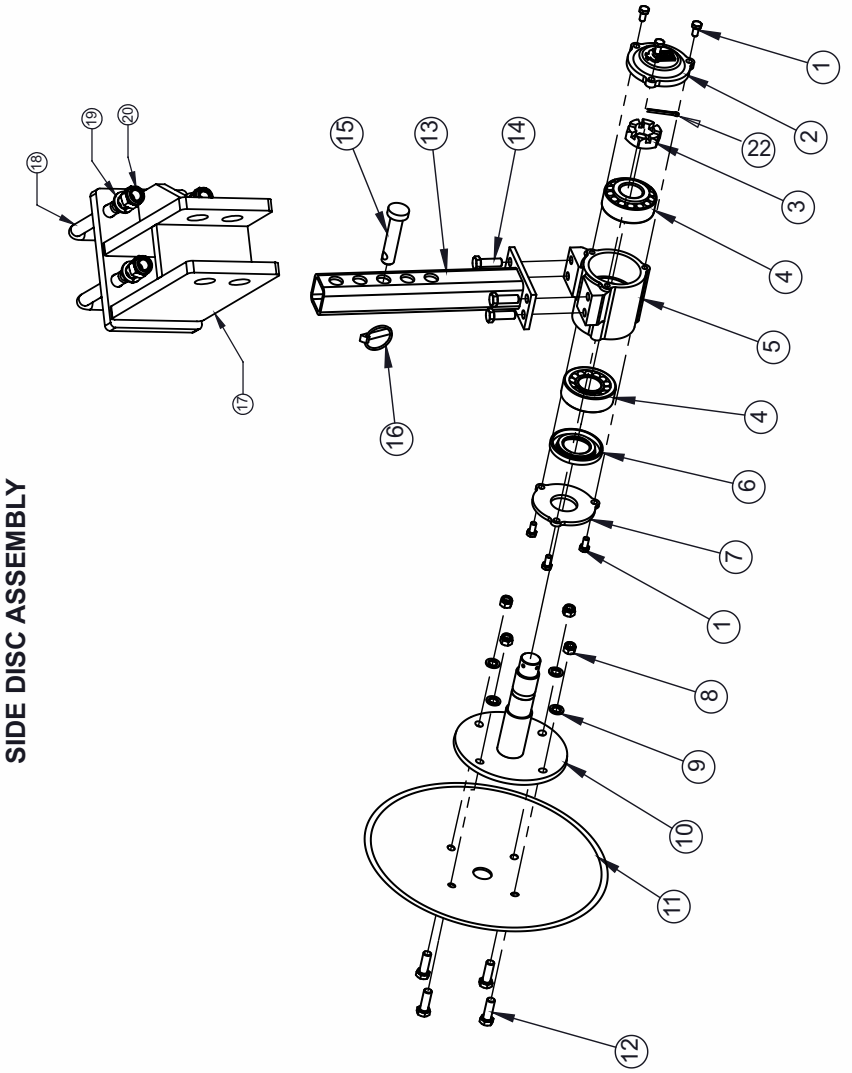
MULTI 4 SPEED GEAR BOX ASSEMBLY (13X25)

DESCRIPTION	ITEM CODE	QTY.
GEAR BOX COMPLETE ASSEMBLY - 1.00 MTR	75560005	1
GEAR BOX COMPLETE ASSEMBLY - 1.25 MTR	75560004	
GEAR BOX COMPLETE ASSEMBLY - 1.50 MTR	75560003	
GEAR BOX COMPLETE ASSEMBLY - 1.75 MTR	75560002	
GEAR BOX COMPLETE ASSEMBLY - 2.00 MTR	75560001	



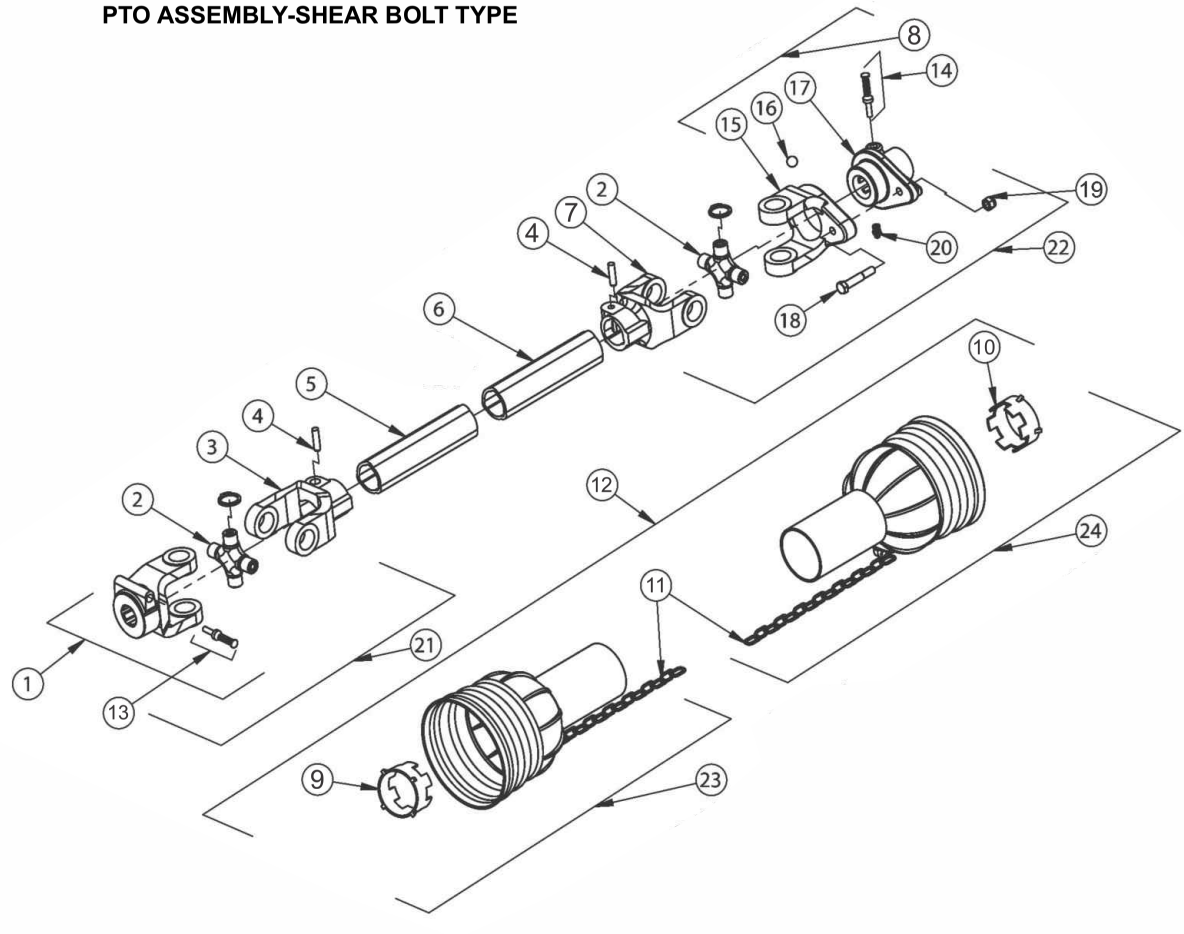
SIDE DISC ASSEMBLY (78960008)			
SR. NO.	**DESCRIPTION**	**ITEM CODE**	**QTY.**
1	HEX BOLT M8X20X1.25	10260387	6
2	SIDE DISC HUB FRONT COVER	10150007	2
3	SLOTTED NUT M30X1.5	10280012	1
4	BEARING 32307	10050008	2
5	SIDE DISC HUB	10090001	1
6	OIL SEAL 40X80X10	10010005	1
7	SIDE DISC HUB BACK COVER	10150008	1
8	NYLOCK NUT M10X1.5MM	10280002	4
9	SPRING WASHER 10MM	10270002	4
10	SIDE DISC HUB AXLE (COMPLETE SET)	10110001	1
11	PLAIN DISC 16 INCH (SIDE DISC RT)	10240186	1
12	CSK BOLT M10X35X1.5MM	10260027	4
13	SIDE DISC MOUNTING PIPE ASSEMBLY LHS	73460023	1
	SIDE DISC MOUNTING PIPE ASSEMBLY RHS	73460024	
14	HEX HEAD BOLT 12X20X1.75MM (8.8 GRADE)	10260408	4
15	PIN 19X95MM	10020031	2
16	LINCH PIN 10MM	10020022	2
17	SIDE DISC ATTACHMENT FRAME ASSEMBLY	73450017	1
18	U-CLAMP 100X62X12	10220028	2
19	SPRING WASHER 12MM	10270003	4
20	NYLOCK NUT M12X1.5(P)	10280003	4

SIDE DISC ASSEMBLY



Rotary Tiller PTO Shaft					
Sr No.	Description	Part Code			
		540 RPM		1000 RPM	
		CUT	FULL	CUT	FULL
		10310059	10310060	10310083	10310084
1	PTO PUSH PIN YOKE WITH PIN - 38.05.10B (12X10)	10310073		10310075	
2	PTO CROSS JOURNAL SET-38.01	10310065			
3	PTO OUTER TUBE YOKE -38	10310097			
4	DOWEL PIN 10X80 MM	10020118			
5	INNER TUBE	10310039			
6	OUTER TUBE	10310040			
7	PTO INNER TUBE YOKE -38	10310096			
8	PTO COMPLETE SHEAR BOLT YOKE ASSEMBLY (6SPLINE)- 38SBT (12X10)	10310071			
9	GUARD RETAINING COLLAR FOR OUTER TUBE	10310011			
10	GUARD RETAINING COLLAR FOR INNER TUBE	10310012			
11	SAFETY CHAINS	10310013			
12	COMPLETE GUARD ASSEMBLY	10310014	10310047	10310014	10310047
13	PTO PUSH PIN SET-14X69 (Small)	10310077			
14	PTO PUSH PIN SET-14X91 (Big)	10310078			
15	YOKE FOR B02	10310030			
16	BALL 5/16"	10310017			
17	HUB B02	10310042			
18	HEX HEAD BOLT M10X65X1.5MM SAFETY BOLT	10260046			
19	NYLOCK NUT M10X1.5MM	10280002			
20	GREASE FITTING	10310019			
21	U-JOINT FOR OUTER TUBE	10310020		10310056	
22	U-JOINT FOR INNER TUBE	10310021			
23	HALF FEMALE GUARD ASSY.	10310048	10310051	10310048	10310051
24	HALF MALE GUARD ASSY.	10310049	10310050	10310049	10310050

PTO ASSEMBLY-SHEAR BOLT TYPE



DELIVERY CHECKLIST

Dealer Pre-Delivery (Please Tick)

1. Dealer Pre-Delivery Checklist

1. The customer or person responsible has been given the operator's manual.
2. The customer undertakes to read the complete operator's manual and understands all aspects of the manual before operation of the machine.
3. All safety, operational and maintenance information have been explained and demonstrated.
4. All greasing and oil points, stickers, guarding and ID plate have been identified and physically pointed out.
5. The customer agrees that it is his responsibility to read and carry out the safety, maintenance and operation as per this operator's manual.

Please Complete all Dealer information Below

Dealer Information

Dealer's Name.....

Address.....

.....

State..... Postcode.....

Phone..... Fax.....

Email.....

Service Person.....

I confirm that the pre-delivery service was performed on this machine.

Signature.....

Date.....

Comments.....

.....

.....

Customer Delivery (Please Tick)

2. Customer Delivery Checklist

1. The customer or person responsible has been given the operator's manual.
2. The customer undertakes to read the complete operator's manual and understands all aspects of the manual before operation of the machine.
3. All safety, operational and maintenance information have been explained and demonstrated.
4. All greasing and oil points, stickers, guarding and ID plate have been identified and physically pointed out.
5. The customer agrees that it is his responsibility to read and carry out the safety, maintenance and operation as per this operator's manual.

Please Complete all Customer Information Below

Customer Information

Customer's Name.....

Address.....

.....

State..... Postcode.....

Phone..... Fax.....

Email.....

Delivery Person.....

I confirm that all of the delivery checks were explained and performed.

Signature.....

Delivery Date.....

Comments.....

.....

.....

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WARRANTY CARD

Customer Copy

CUSTOMER NAME Mr./ Mrs	:	
ADDRESS	:	
MOBILE NO.	:	
Email	:	
NAME OF IMPLEMENT	:	
MODEL NO.	:	
YEAR OF Mfg.	:	
SERIAL NO.	:	
REGISTRATION NO.	:	
DATE OF PURCHASING	:	
NAME OF DEALER	:	

Customer`s Signature

Dealer`s Signature

Beri Udyog Pvt. Ltd.

Corporate Office : Plot No. 235-236 & 238-240, Sec-3, HSIIDC,
Karnal- 132001 (Haryana), India +91-184-2221571/ 72/ 73
marketing@fieldking.com, exports@fieldking.com, www.fieldking.com

FIELDKING

WARRANTY CARD

Company Copy

CUSTOMER NAME Mr./ Mrs	:	
ADDRESS	:	
MOBILE NO.	:	
Email	:	
NAME OF IMPLEMENT	:	
MODEL NO.	:	
YEAR OF Mfg.	:	
SERIAL NO.	:	
REGISTRATION NO.	:	
DATE OF PURCHASING	:	
NAME OF DEALER	:	

Customer`s Signature

Dealer`s Signature

Beri Udyog Pvt. Ltd.

Corporate Office : Plot No. 235-236 & 238-240, Sec-3, HSIIDC,
Karnal- 132001 (Haryana), India +91-184-2221571/ 72/ 73
marketing@fieldking.com, exports@fieldking.com, www.fieldking.com

FIELDKING

WARRANTY CARD

Dealer Copy

CUSTOMER NAME Mr./ Mrs :	
ADDRESS :	
MOBILE NO. :	
Email :	
NAME OF IMPLEMENT :	
MODEL NO. :	
YEAR OF Mfg. :	
SERIAL NO. :	
REGISTRATION NO. :	
DATE OF PURCHASING :	
NAME OF DEALER :	

Customer`s Signature

Dealer`s Signature

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Karnal- 132001 (Haryana), India +91-184-2221571/ 72/ 73
marketing@fieldking.com, exports@fieldking.com, www.fieldking.com

Statement of Confirmation

No.: CE/20-21/002

Client's reference - Technical file number: TCF-03

Name & Address of the Manufacturer:

Beri Udyog Pvt. Ltd.

Site 1: Unit II - 235-236 & 238-240, Sec-3 HSIIDC, Karnal, Haryana, India – 132001.

Site 2: Unit III – Near IOCL Botling Plant, Assandh Road, Village Begumpur, Karnal, Haryana,India - 132114

Product Nomenclature : Rotary Tiller

Model No : RT

Review results/observations:
The Technical File referenced above submitted by the manufacturer has been reviewed for its document contents.
The Technical File generally covers the documentation content requirements of the European Directive/s:

- EC Machinery Directive : 2006/42/EC

Harmonised standard/s referred : EN ISO 4254-5:2009/AC:2011, EN ISO 4254-1:2015, EN ISO 12100:2010.

Other technical standard/s referred : ISO 4254-5:2018.

Document issued by the Manufacturer : EC Declaration of Conformity

Marking on the Product: CE

Date of Review: 11 May 2020

Technical Inspection Services TÜV India

Mahesh Gaur
General Manager - Product Certification

(This Statement of Confirmation is valid under the conditions stated overleaf)

CONDITIONS OF ISSUE:

Note: CE Marking is generally a Self-Certification Process & Products entering the European Union are subject to the requirements set forth in the European Directives. It is the responsibility of the person placing the product on the European market to ensure compliance with applicable Directives.

This document is issued as a confirmation of the fulfillment of the documentation requirements as called for by the applicable directives and is based on review/verification of the documents like test reports, compliance documents etc. submitted by the manufacturer. However it has to be understood that the person placing the product on the European market has the responsibility and liability to ensure all CE Marked products comply with the requirements of the applicable Directives.

Each product must be accompanied by the instructions for - Handling, Installation, Operation, Commissioning, Maintenance, Decommissioning, Dismantling, Disposal, etc. of the product/s as specified in the applicable Directives.

Each product must bear a distinct indication of the manufacturer or importer and a type designation so that the identity of the tested product with the series product brought on the market can be checked.

VALIDITY:

- This document is valid as long as the rules of technology on which it was based are valid.
- This document will become invalid when it has expired or revoked on revision of any of the Applicable Directives
- This document will become invalid if the design of the product is changed.

The place of jurisdiction for all claims arising from the business relationship with respect to entrepreneurs and legal entities under public law is the registered office of our company.