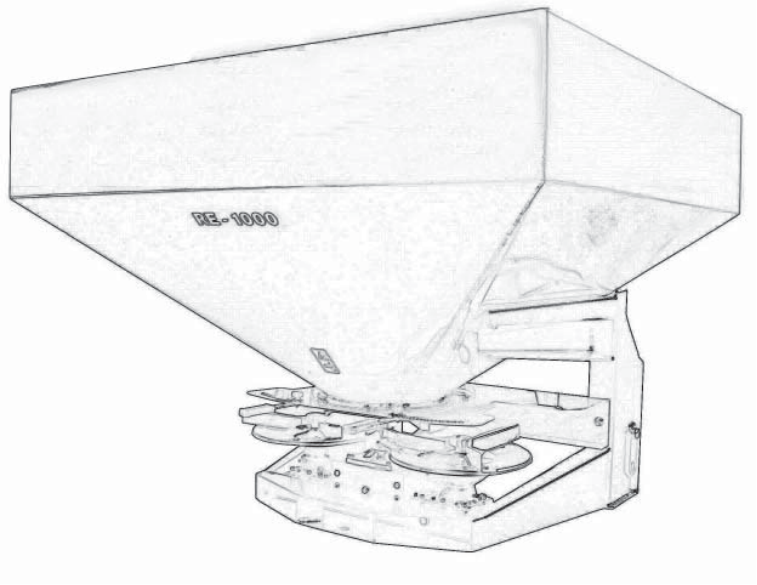
GEARMORE INC.

DOUBLE SPINNER SPREADER



Operation, Service & Parts Manual For Model RE1000

June 2011

Form: RE1000Spreader

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1. INTRODUCTION

We would like to thank you for purchasing a Gearmore product and we assure you that you have made a good choice, as now you have a very high quality machine. Please follow all instructions contained in this manual for a long and trustworthy machine life.

Know your controls. Read this manual and the manual provided with your tractor before operating your equipment. Keep this manual handy for ready reference. Learn how to stop the tractor engine and spreader quickly in case of an emergency. DO NOT allow adults without proper instructions or children to operate machinery. Require all operators to read this manual carefully and become acquainted with all adjustments and operating procedures before attempting to operate the equipment. Replacement manuals can be obtained from your selling dealer.

It is IMPORTANT to read this manual carefully before operating the spreader!

The equipment you have purchased has been carefully engineered and manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require cleaning and upkeep. Lubricate the unit as specified. Please observe all safety information in this manual and safety decals on the equipment.

For service, your authorized dealer has trained mechanics, genuine service parts, and the necessary tools and equipment to handle all of your service needs.

Use only genuine service parts. Substitute parts will void the warranty and may not meet standards required for safe and satisfactory operation. Record the model number and serial number of your equipment in the warranty page of this manual.

Throughout this manual, the term IMPORTANT is used to indicate that failure to observe procedures can cause damage to equipment. The terms CAUTION, WARNING and DANGER are used in conjunction with the Safety-Alert Symbol, (a triangle with an exclamation mark), to indicate the degree of hazard for items of personal safety.

	This Safety-Alert Symbol indicates a hazard and means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!
DANGER	**Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.**
WARNING	**Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed.**
CAUTION	**Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.**
IMPORTANT	**Indicates that failure to observe can cause damage to equipment.**
NOTE	**Indicates helpful information.**

2. PREPARATION CHECK LIST

THIS CHECKLIST TO REMAIN IN OWNER'S MANUAL

IT IS YOUR RESPONSIBILITY TO COMPLETE THE PROCEDURES LISTED BELOW BEFORE OPERATING THE SPREADER

Preparation Check List

- ❑ 1. Implement is completely assembled.
- ❑ 2. Inspect for damage and loose or missing parts
- ❑ 3. All decals in place and readable.
- ❑ 4. All fittings and drive components are secure.
- ❑ 5. Overall condition good.
- ❑ 6. Check hopper for any foreign objects.
- ❑ 7. Operator has been instructed on the safe and proper use of the implement.
- ❑ 8. Lubrication - See ***Lubrication & Maintenance*** Section

The purpose of this manual is to assist you in operating and maintaining your spreader for years of service. Read it carefully. The information and instructions in this manual have been compiled from extensive field experience and engineering data. Some information may be general in nature due to unknown and varying operating conditions. However, through experience and these instructions, you should be able to develop procedures suitable to your particular situation.

The illustrations and data used in this manual were current at the time of printing, but because we maintain an ongoing program of product improvement, we reserve the right to make improvements in design or changes in specifications 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.

All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

RETAIL CUSTOMER'S WARRANTY RESPONSIBILITY

It is the Retail Customer and/or Operator's responsibility to read the Operator's Manual, to operate, lubricate, maintain and store the product in accordance with all instructions and safety procedures. Failure of the operator to read the Operator's Manual is a misuse of this equipment. It is the Retail Customer and/or Operator's responsibility to inspect the product and to have any part(s) repaired or replaced when continued operation would cause damage or excessive wear to other parts or cause a safety hazard. It is the Retail Customer's responsibility to deliver the product to the authorized dealer from whom he purchased it, for service or replacement of defective parts which are covered by warranty. Repairs to be submitted for warranty consideration must be made within thirty (30) days of failure. It is the Retail Customer's responsibility for any cost incurred by the dealer for traveling to or hauling of the product for the purpose of performing a warranty obligation or inspection.

3. SAFETY INFORMATION

3.1 SAFETY DECALS

ATTENTION!
Be sure that the safety labels are readable. Clean them using a cloth, water and soap. Replace the damaged labels placing them in the right position, as subsequently described.

The safety signs on the machine supply the most important indications; their observance helps your safeness.

1. ATTENTION! Before any intervention on the machine, switch off the tractor motor, remove the start up key, set the parking brake and carefully read the operator's manual.

2. ATTENTION! - DANGER
Risk of entangling and dragging. Do not put hands or stay near the moving parts.

3. ATTENTION! To ensure the machine proper operation, the tractor power take-off shall turn counter-clockwise at 540 RPM.

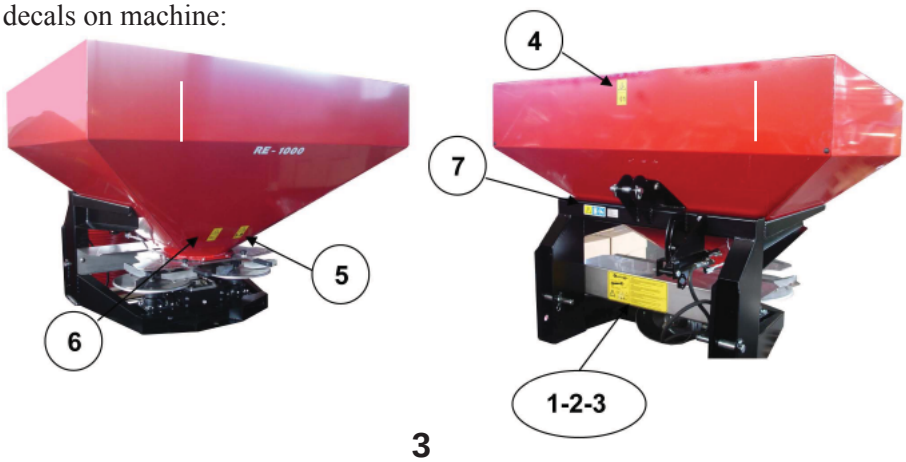
4. ATTENTION! - DANGER
Risk of crushing due to the tractor motion. Do not stand behind the tractor.

5. ATTENTION! - DANGER
Risk of material and/or objects projection due to fertilizer spreading. Keep yourself at a safe distance of at least 30 ft. from the machine.

6. ATTENTION! - DANGER
of shearing. Do not approach limbs to the pendulum when the machine is running.

7. ATTENTION! Mandatory use of protection gloves and shoes.

Placement of safety decals on machine:



3.2 OPERATIONAL SAFETY

Guards and safety shields are for your protection. **DO NOT** operate equipment unless they are in place.

ALWAYS engage tractor PTO at engine idle.

Disengage tractor PTO and shift into neutral before attempting to start engine.

Read and observe all safety decals on the tractor and spreader.

NEVER allow anyone, other than the operator, within 25' of machine while in operation.

DO NOT stop or start suddenly when going uphill or downhill. Avoid operation on steep slopes.

Be alert for holes in terrain and other hidden hazards. **ALWAYS** drive slowly over rough ground.

Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Be careful when changing directions on slopes.

Take all possible precautions when leaving tractor unattended: Disengage PTO, lower spreader, shift into neutral, set parking brake, stop engine and remove key from ignition.

Front tractor weights or front tire ballast should be used to enhance front-end stability on small tractors.

3.2 OPERATIONAL SAFETY (continued)

ATTENTION!
Any maintenance, adjustment and cleaning operation must be carried out with the machine lowered to the ground (in stable conditions), the tractor engine off, power take-off disconnected, parking brake on, and start-up key removed from the panel.

Machine start-up and stop controls are those of the pulling tractor; the machine is not equipped with controls.

While removing solid parts of fertilizer, the machine must be disconnected from the tractor. For this operation, use the specific tools.

In case of failure or improper operation, the operator must immediately stop the machine, check the problem and adopt any necessary measure.

HAZARDS, PREVENTION AND PROTECTION MEASURES

	Risk of being entangled due to rotary driveshaft connecting the tractor - machine.
	Compression and crushing (being entangled) due to contact with the stirrer rotating inside the hopper.
	Compression and crushing due to presence of motion distribution chains and pinions.
	Any reset operation must be carried out with the tractor engine off, power take-off disconnected, parking brake on, and start-up key removed from the panel.
	Cuts and abrasions due to contact and handling of blades, discs, distributors and driving elements during reset operations.
	Use shear-proof gloves.

4. MACHINE DESCRIPTION

4.1 GENERAL DESCRIPTION

The fertilizer spreader with centrifugal distribution is a machine for agriculture that spreads in the field solid mineral fertilizer in granular and powder form. It is pulled by and coupled to the tractor by three points.

The fertilizer spreader consists of:

- A bearing chassis
- One hopper designed to contain the product to be spread
- Distribution components, driving and adjustment components

In the front side, the machine is equipped with a coupling structure with three coupling points to the tractor.

The hopper in metal sheet has a truncated conical shape.

The fertilizer contained in the hopper goes through the dispenser and, due to gravity, falls on the distributor - spreader system.

The dispenser is equipped with hydraulic controls to open and close.

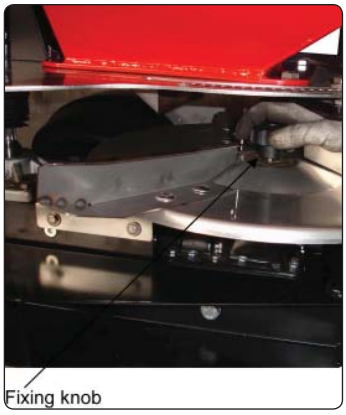
The amplitude of the dispenser opening is manually, adjusted with a lever whose position is fixed on a knob.

The distributor - spreader system consists of two horizontal discs with rotational motion; on their upper surface is a series of straight radial fins designed to distribute the product by means of centrifugal force.

4.1 GENERAL DESCRIPTION (continued)

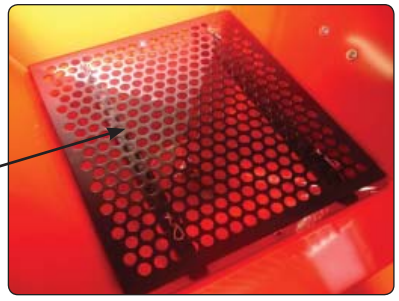
Each spreading disc is connected to the machine driving motion by a support pin with fixing knob to be tightened by hand accurately.

The disassembly of the discs, operation necessary to allow thorough cleaning of the hopper, should be carried out by reversing the assembly sequence or by unscrewing the fixing knob and removing the discs.



Safety devices are provided to avoid any contact with live parts in motion and to prevent any projection of material outside the working area, in detail:

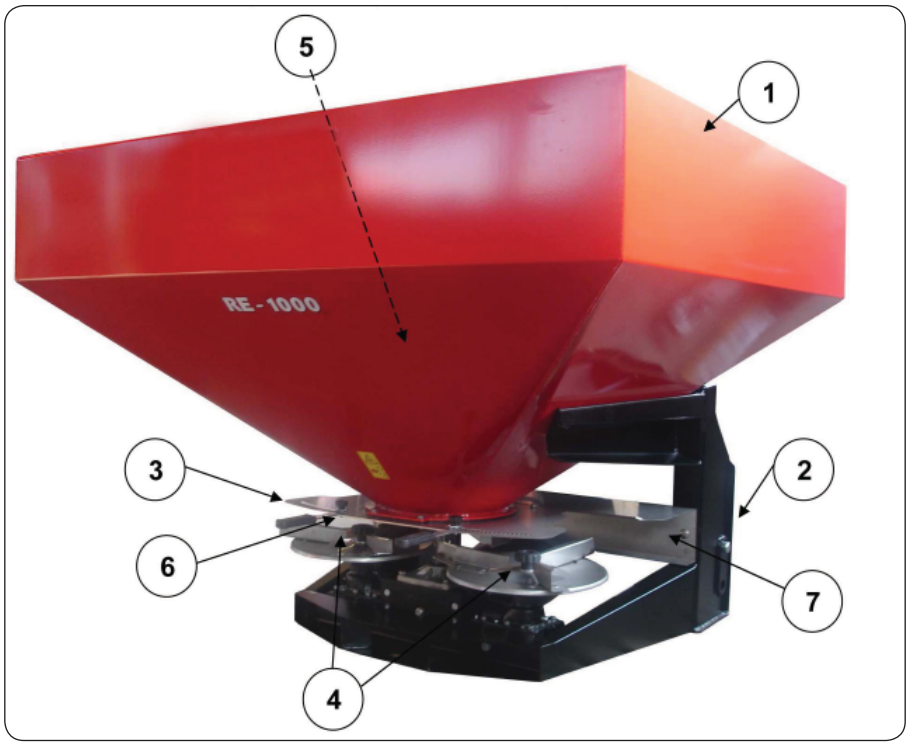
- The agitator into the hopper is protected by a grid



The protection grid is fixed to the frame by means of 4 cotter pins. The disassembly is necessary just for the replacement of the agitator or for the cleaning of the internal part of the hopper.

- The driving system is protected by fixed protections
- The distribution rotary discs are protected by a fixed shaped bar
- In the front (tractor side) a fixed protection prevents any projection of material outside the working area

4.2 MACHINE DRAWINGS & DIAGRAMS



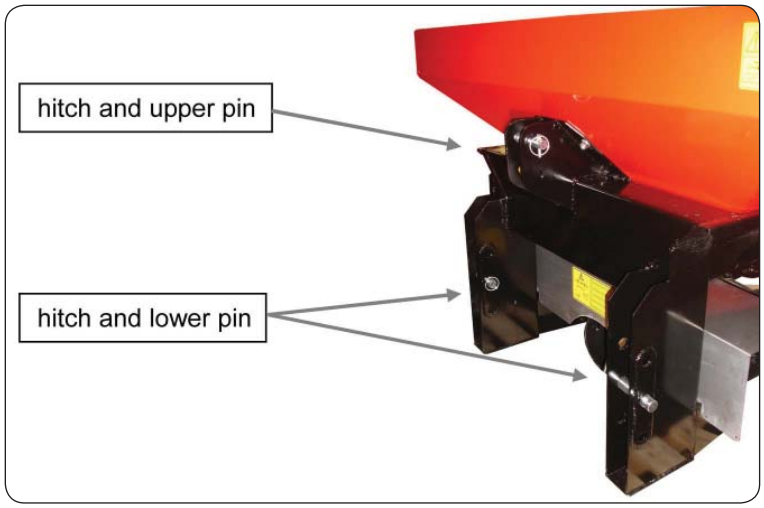
1. Hopper
2. Chassis and coupling points to the tractor
3. Opening and distribution unit
4. Rotary spreading discs and blades
5. Opening grid (of the agitator into the hopper)
6. Fixed rear protection (of spreading discs)
7. Fixed front protection (protection towards the tractor driver)

5. ASSEMBLY INSTRUCTIONS

5.1 TRACTOR CONNECTION

Connect the machine to the tractor as follows:

- Place the machine on a pallet about 8" high for easy coupling to the tractor (this will also help handling the unit itself)
- Go backwards with the tractor near the lower machine coupling points
- Anchor the lower coupling points of the tractor to those of the machine through the pins and secure them with safety pins
- Simple couple the upper coupling point of the machine to the third point of the tractor through the pin and secure with safety pin



- Raise the machine a few centimeters and stop the lower lifting bars to prevent any potential oscillations during the work
- Disconnect the power take-off and stop the engine and activate the parking brake of the tractor
- Connect the driveshaft to the spreader reduction gear shaft and then to the power take-off of the tractor
- Connect the hydraulic system

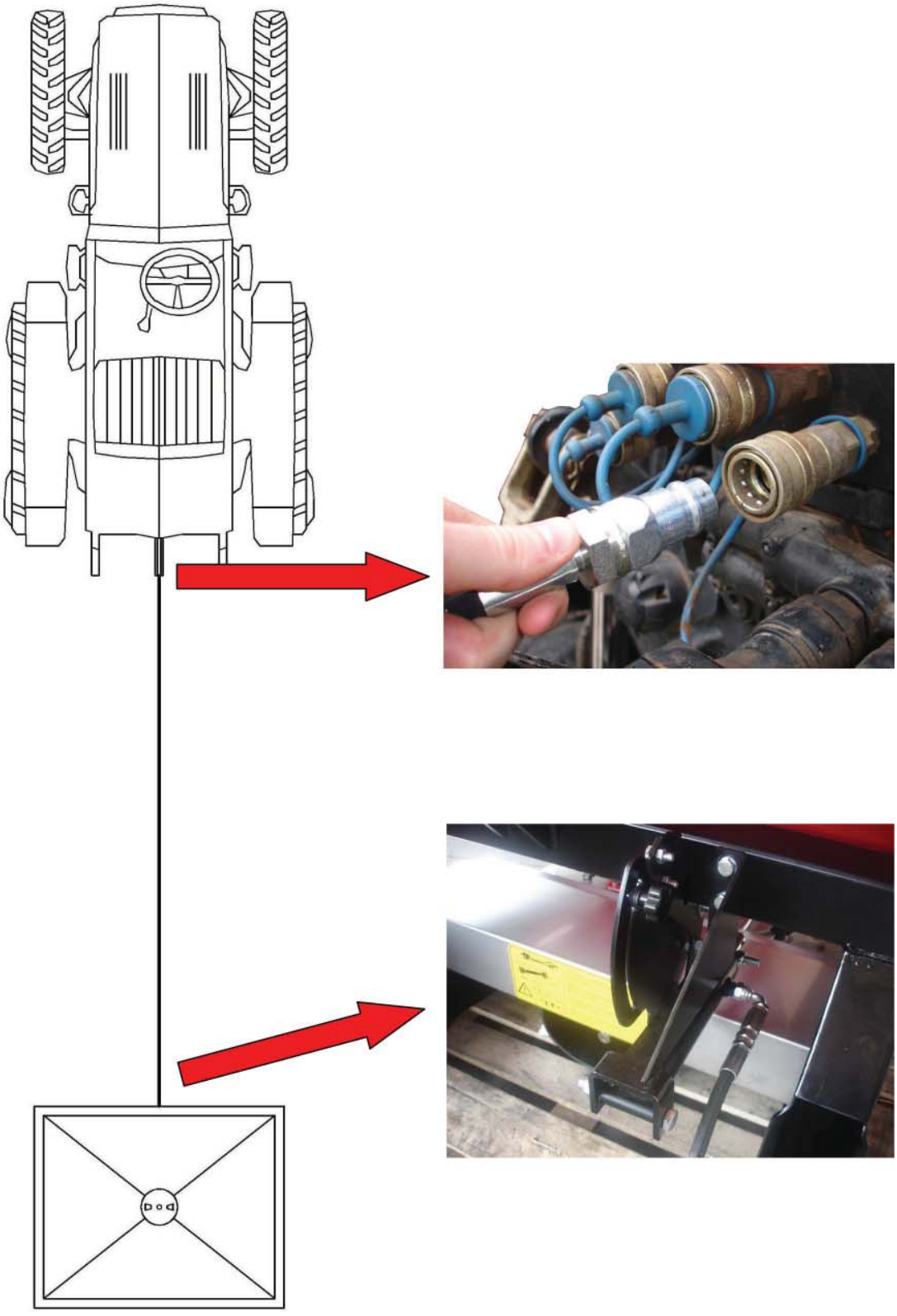
5.2 MACHINE DISCONNECTION

Disconnect the machine from the tractor as follows:

- Place the machine on the ground (on a compact and leveled ground), checking the stability on the supporting points; place the machine on a pallet about 8" high for easy handling and following coupling to the tractor
- Close the fertilizer outputs
- Disconnect the power take-off
- Switch the motor off and activate the parking brake of the tractor
- Disconnect the hydraulic system
- Disconnect the driveshaft from the tractor power take-off and then from the spreader reduction gear shaft
- Disconnect the upper pin and the two lower pins of couplings and move the tractor forward

5. ASSEMBLY INSTRUCTIONS (continued)

5.3 DIAGRAM OF THE HYDRAULIC CIRCUIT



6. ADJUSTMENTS

6.1 START UP CHECKLIST

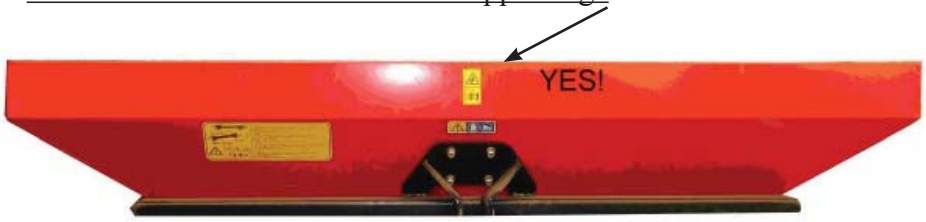
IMPORTANT!

Before every start-up, check the following safety devices:

- Guards of the driveshaft
- Guards of the hopper agitator
- Fixed guards (of rotary discs, against projection of material towards the tractor, of the drive elements)
- Fixing knob of rotary spreading discs

Do not load the hopper over the edge to avoid the loss of fertilizer during the work and travel.

Proper hopper filling - the fertilizer does not exceed the hopper edge



Improper hopper filling - the fertilizer exceeds the hopper edge

6.2 WORKING HEIGHT

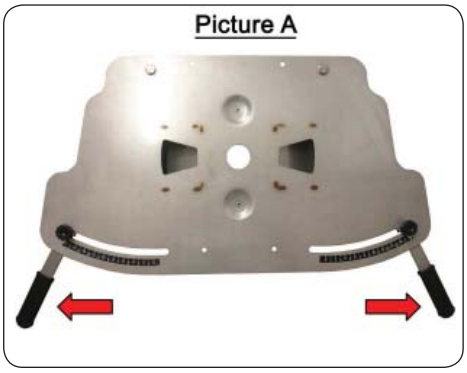
32 Inches between the ground level and the distribution disc height.

6. ADJUSTMENTS (continued)

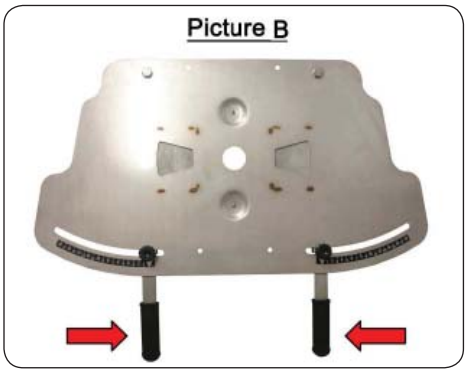
6.3 ADJUSTMENT OF FERTILIZER SPREADING

Adjustment and total fertilizer output opening; the output control system is independent for each disc. There is a plate (*Fig. A*) on which there are two levers - one on the right and one the left. The levers are used to adjust the amount of fertilizer to be spread. After checking on the spreading chart (*See Page 14*) the number to be adjusted, move the levers and lock them on the number indicating the desired amount. When the levers are as shown in *picture A*, the fertilizer output is wide open. Contrary, when the levers are as shown in *picture B*, the fertilizer output is closed. Adjustment and fertilizer output opening only on one side (left or right) - if the fertilizer must be spread only on one side, just set the levers so that only one of them makes the opening (*Fig. C*). With the machine rear side in front of you, open the left levers to spread from left hand side and vice-versa.

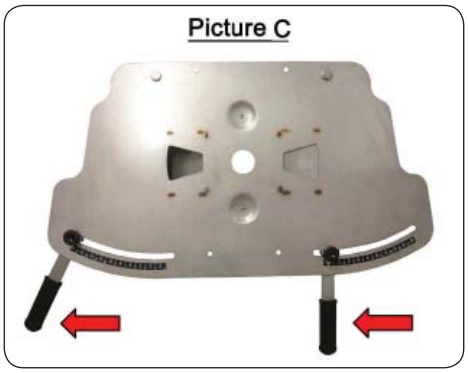
Picture A



Picture B



Picture C

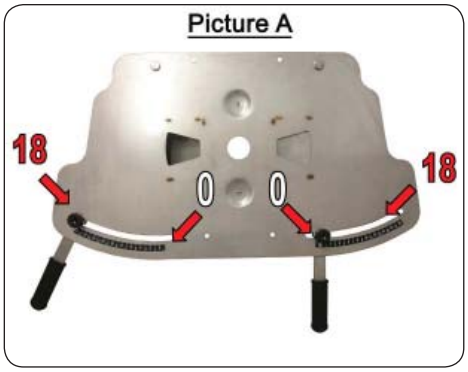


6.4 HYDRAULIC OPENING GROUP

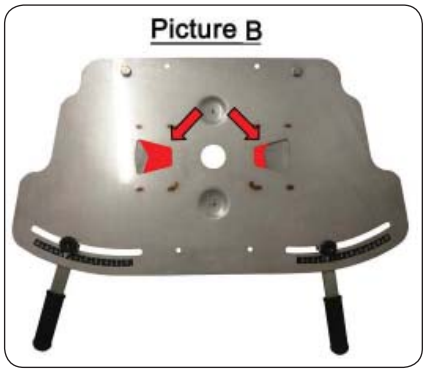
The machine is provided with hydraulic cylinders that operate the opening of the distribution system.
The hydraulic cylinder is "to simple effect" type (the distribution opening is due to the oil presence).

Dosage adjustment - To make an adjustment of the dosage (fertilizer quantity per acre) there is a split system - the right spreading disc is provided with an adjustment system, separate from the left one. To obtain the adjustment of the dosage you have to move the adjusting slot lever for each disc. Each adjusting slot is provided with a measuring scale with 18 dosage positions. The 0 position means "shut" (*Pic A below*); to raise the spreading move gradually the lever toward the external side. The 18 position means "max". The presence of two separate controls allow to spread in a different way on the right side and on the left one (*Pic. B below*). To move the lever you have to screw the adjusting knob off, set the lever in a desired position and screw the knob again (*Pic. C below*).

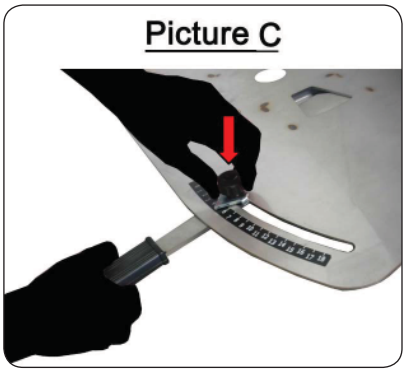
Picture A



Picture B



Picture C

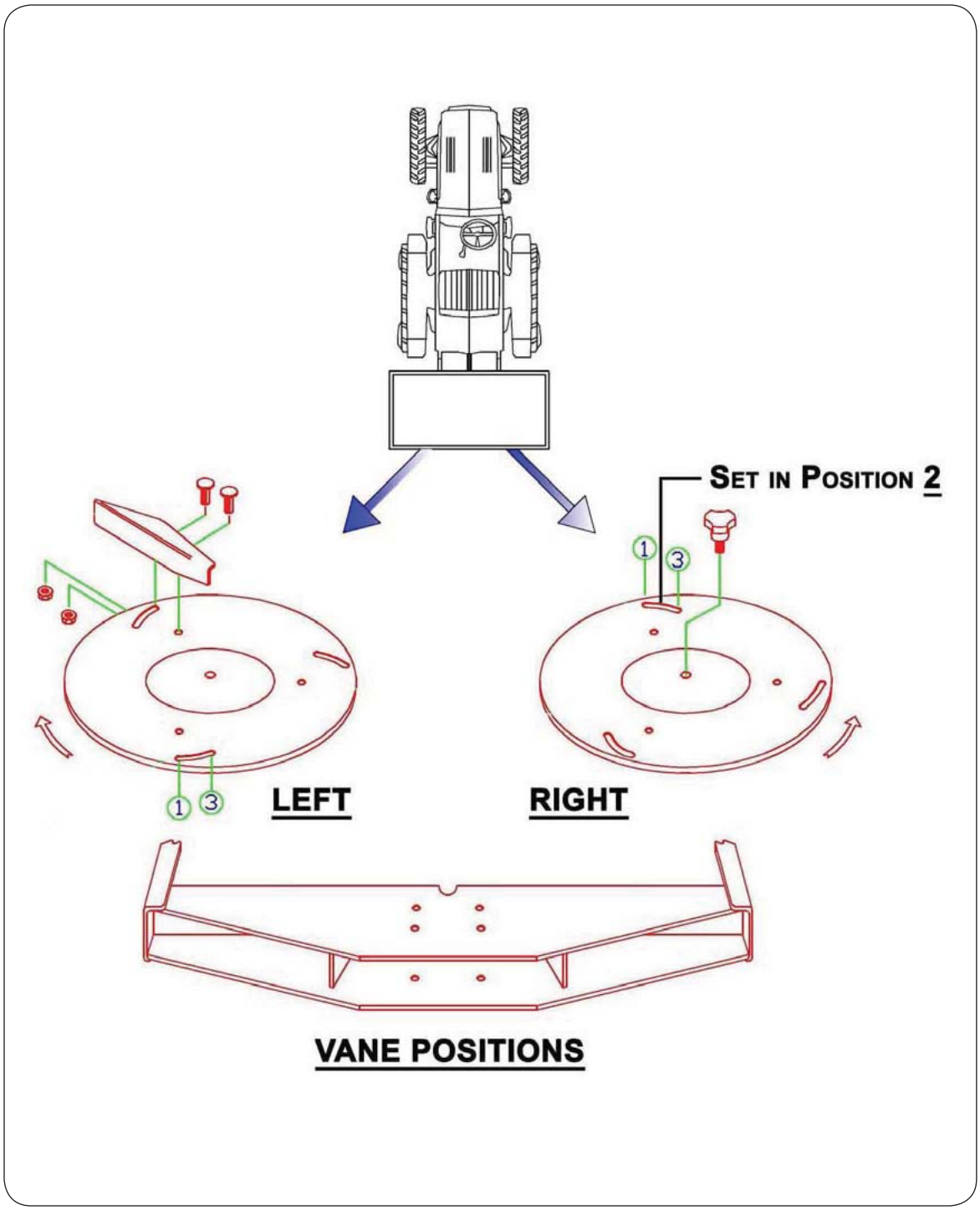


6. ADJUSTMENTS (continued)

6.5 VANES AND SPREADING DISCS

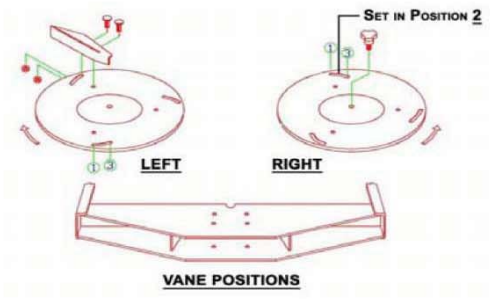
The vanes come assembled to the spreading discs. These vanes are set at position 2.

The spreading chart on the next page is based on position 2.



SPREADING CHART
FOR RE1000

T	Type of Fertilizer
L	Spreading Width in Feet
V	Tractor Speed
A	PTO Speed
K	Position of Opening Lever

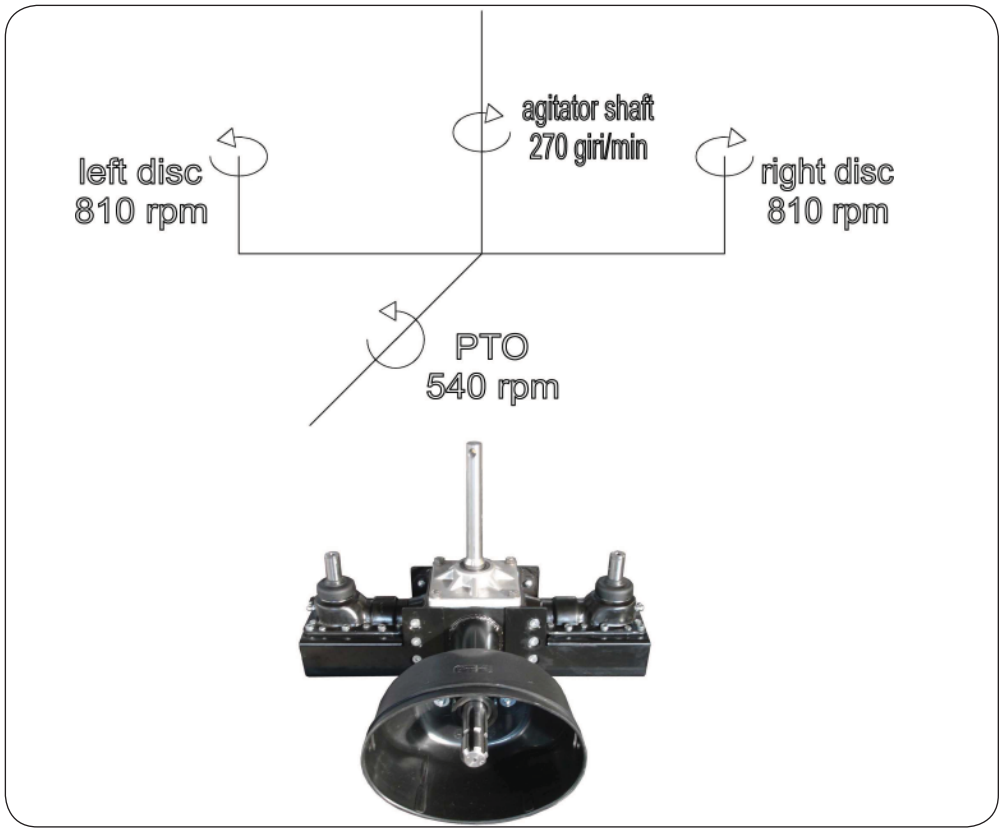


T	L	V	Vanes Position	A	1K	2K	3K	4K	5K	6K	7K	8K	9K	10K	11K	12K	13K	14K	15K	16K	17K	18K
Granular 12-12-12 or 15-15-15	59	3.7	2	540	4	8	23	57	85	116	147	187	223	263	303	348	379	406	455	491	526	558
Granular 12-12-12 or 15-15-15	59	5.0	2	540	3	6	18	45	62	85	112	138	170	196	232	259	285	303	339	368	393	419
Granular 12-12-12 or 15-15-15	59	6.2	2	540	2	4	14	36	49	67	89	112	134	156	183	210	228	250	272	294	312	335
T	L	V	Vanes Position	A	1K	2K	3K	4K	5K	6K	7K	8K	9K	10K	11K	12K	13K	14K	15K	16K	17K	18K
Granular 12-12-12 or 15-15-15	39	3.7	2	540	6	12	36	85	129	170	219	277	335	393	455	522	567	607	678	741	785	834
Granular 12-12-12 or 15-15-15	39	5.0	2	540	4	9	27	67	98	125	165	210	254	294	342	393	424	455	509	553	589	625
Granular 12-12-12 or 15-15-15	39	6.2	2	540	4	7	21	49	49	76	134	170	201	236	277	312	339	366	406	446	473	500
T	L	V	Vanes Position	A	1K	2K	3K	4K	5K	6K	7K	8K	9K	10K	11K	12K	13K	14K	15K	16K	17K	18K
Urea	39	3.7	2	540	3	4	11	27	54	89	125	174	205	228	259	285	335	366	424	468	531	567
Urea	39	5.0	2	540	2	4	8	19	40	67	94	129	152	170	192	214	250	277	317	348	397	424
Urea	39	6.2	2	540	1	3	6	13	31	54	76	103	120	134	152	170	201	219	254	281	317	339

Above Numbers Are Pounds Per Acre

6. ADJUSTMENTS (continued)

6.7 KINETIC DIAGRAM OF MOTION



6.8 FILLING HOPPER

IMPORTANT! - Take special care when you set up the spreading width in order to avoid spreading in an area where you could contaminate fivers, streets and other cultivations or habitations.

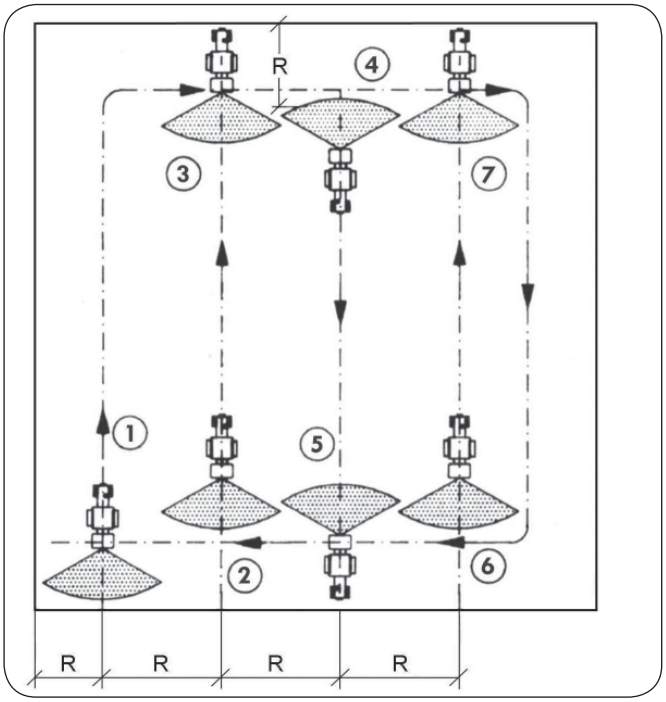
Fill the hopper and prepare the spreading as follows:

- Set the hydraulic opening lever in shut position
- Switch the tractor engine off, disconnect the PTO, set the handbrake on and remove the start-up key from the panel
- Adjust the dosage by means of the levers by the discs.
- Adjust the spreading width changing the vanes position or size
- Fill the hopper with the fertilizer
- Switch on the engine of the tractor and connect the PTO
- Set the hydraulic opening lever in working position (open)

7. OPERATION

7.1 FIELD DISTRIBUTION

- Place the tractor at the beginning of the field (*Position 1*). The distance from the border has to be the same as the spreading *Ref R*.
- Move along the field perimeter keeping the R distance from the border as long as you arrive in the *position 2*. In this position you have to be at the R distance from the *position 1*.
- Go along till the *position 3*.
- Make a 180° turn, place the tractor in *position 4* at the R distance from the *position 3* and go along till the *position 5*.
- Repeat this procedure until you have spread the entire area of the field (*positions 6 and 7*).

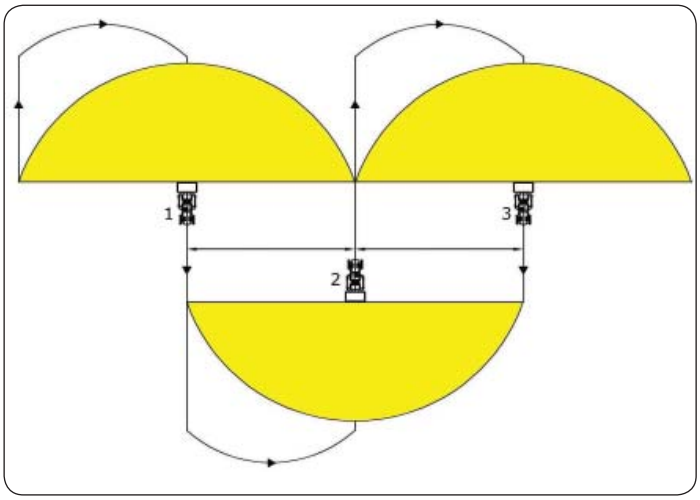


7.2 SPREADING VARIABLES

- The quantity of fertilizer spread depends on the tractor speed, the spreading area, fertilizer type and humidity, weather conditions and from the adjusting machine.
- Keep the tractor speed constant while working.
- Preserve the fertilizer in a way to keep its features from being altered.

7.3 ADJUSTING SPREADING WIDTH

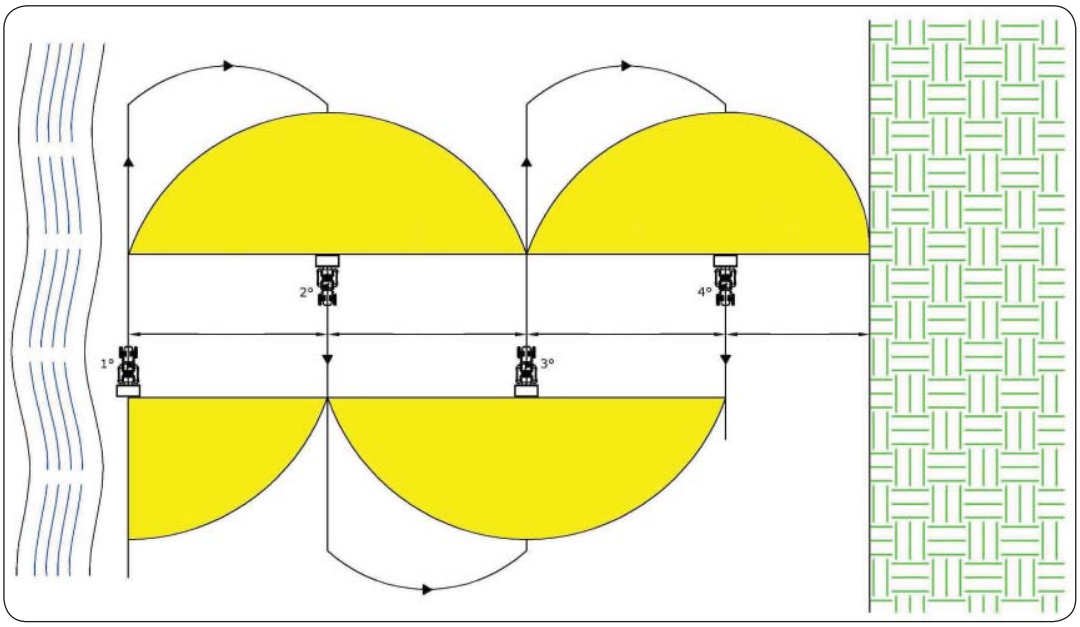
The spreader can be adjusted so that it can spread to different widths and with different types of fertilizers. To make this possible you have to operate on the RPM of the PTO and on the vanes position. The machine is delivered and set to spread to 59 feet.



In order to achiever a good result, first run with the machine spreading only from one side, thus disabling one spreading disc. The spreading will be completed with further runs.

For the next steps you have to use both discs.

If the remaining spreading area is less than 59 feet, you have to adjust one disc in order to spread in a right way and do not spread in the closer area.



8. MAINTENANCE & LUBRICATION

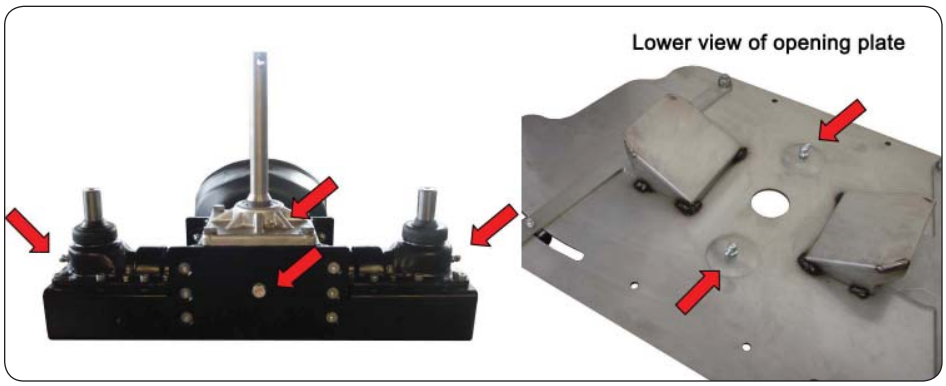
8.1 LUBRICATION

Any maintenance, adjustment and cleaning operation must be carried out with the machine lowered to the ground (in stable conditions), the tractor engine off, power take-off disconnected, parking brake on and start-up key removed from the panel.

Before every use and after ***8 hours of real operation, grease the driving unit***. It is recommended to clean the greasing points from mud and other residual materials before injecting the grease.

Grease points (shown below) using lubrication grease EP1.

The driveshaft must be lubricated before the spreader is put into use. After that, grease ***every 8 hours***. It is also necessary, from time to time, to untelescope the driveshaft to clean and re-grease tubings. Grease the gearbox ***every 40 hours***.



8.2 HANDLING & STORAGE

Cleaning -

- Wash hopper with water after each use.
- Never let material build up on shutters or in the hopper
- Check spreader for needed repairs before using again

Storage - If your spreader will not be used for a long period of time, respect the following suggestions:

- Wash the machine thoroughly and dry it.
- Lubricate all bearings with enough grease to eliminate any cavities where water condensation may occur and cause damage. Refer to "***Maintenance Section***" for location of all grease fittings.
- Coat all exposed surfaces inside the spreader with oil or grease to prevent rusting and pitting during storage.
- Protect the whole machine with a tarpaulin and put it in a dry place away from activity.

8.3 TRANSPORTATION

In the transportation, storage and use of fertilizers, users must behave in accordance with the instructions contained in the product label and in particular the content of the risk phrases and safety advice.

Before transportation of the machine, it is necessary to:

- Disconnect the power take-off.
- Completely empty the hopper.
- Check that all parts are securely fixed

The machine must be carried as follows:

- Empty the hopper
- Put it on a pallet with capacity of at least 660 pounds
- Fasten the machine to the pallet by means of straps
- Before lifting the machine check the fastening stability
- Lift the pallet by means of a tractor provided with forks
- **NEVER** allow riders on board the tractor or machine
- It is mandatory to comply with all road regulations on agriculture tractors

For any intervention of assembling, disassembling and replacement make sure to place the machine on the ground and in a stable condition, with the power take-off disconnected, the tractor engine switched off, the hand brake on and the start-up key removed from the panel.

Safety Tips:

- Always wear relatively tight and belted clothing when operating the spreader. Loose clothing should not be worn, as it could get caught in the moving parts or controls of the spreader.
- Spreader should be operated only by qualified personnel.
- When starting the spreader, always maintain a safe distance from moving parts.
- Keep hands, feet and clothing away from all moving parts.

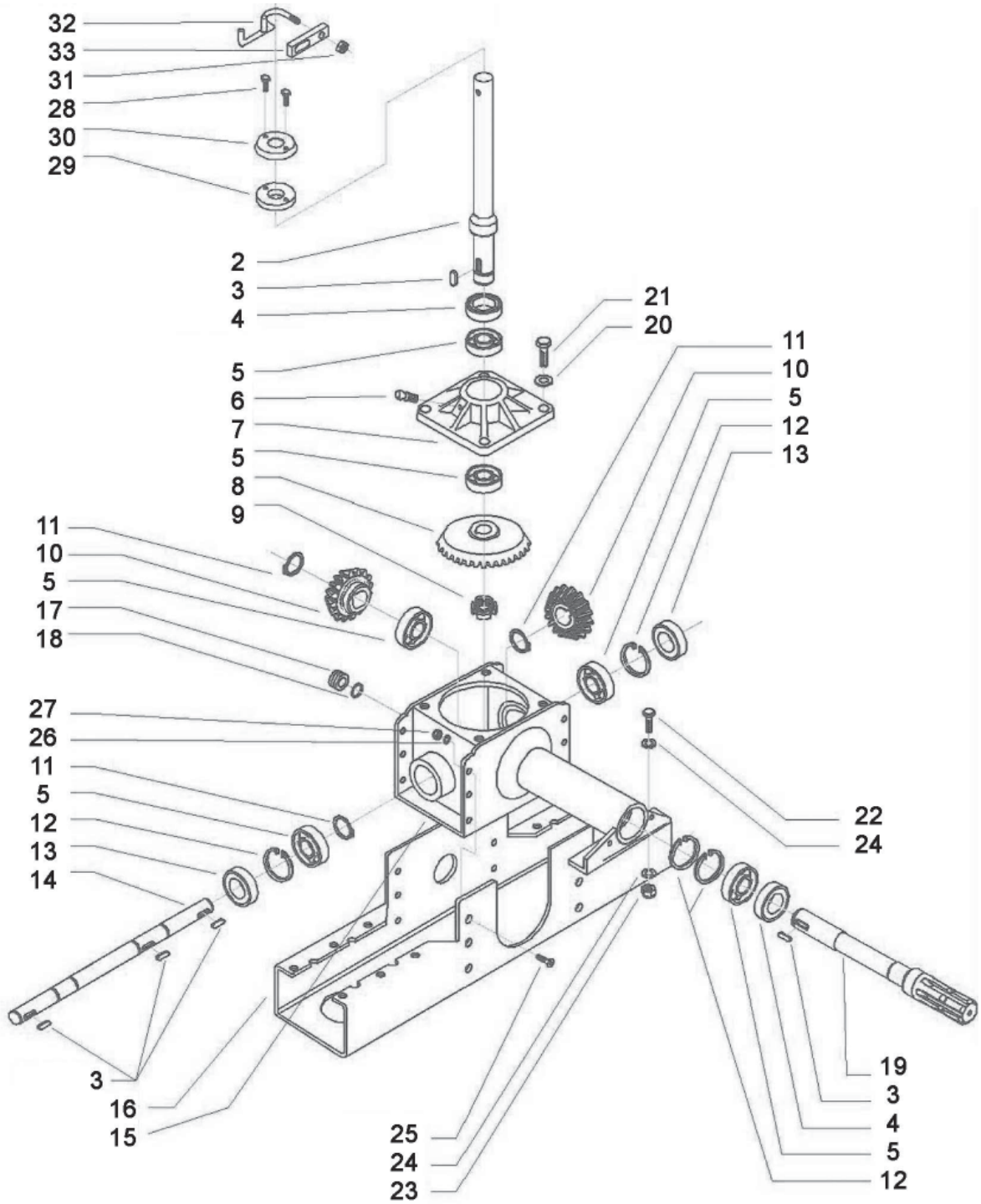
8.4 ACCESSORIES

Double Lateral Conveyor - use it in case you have to fertilize orchards and rows.

The double lateral conveyor is made up of 2 parts that should be fixed to the frame by screws.

9. PARTS

9.1 CENTRAL GEARBOX PART NO. 322.021



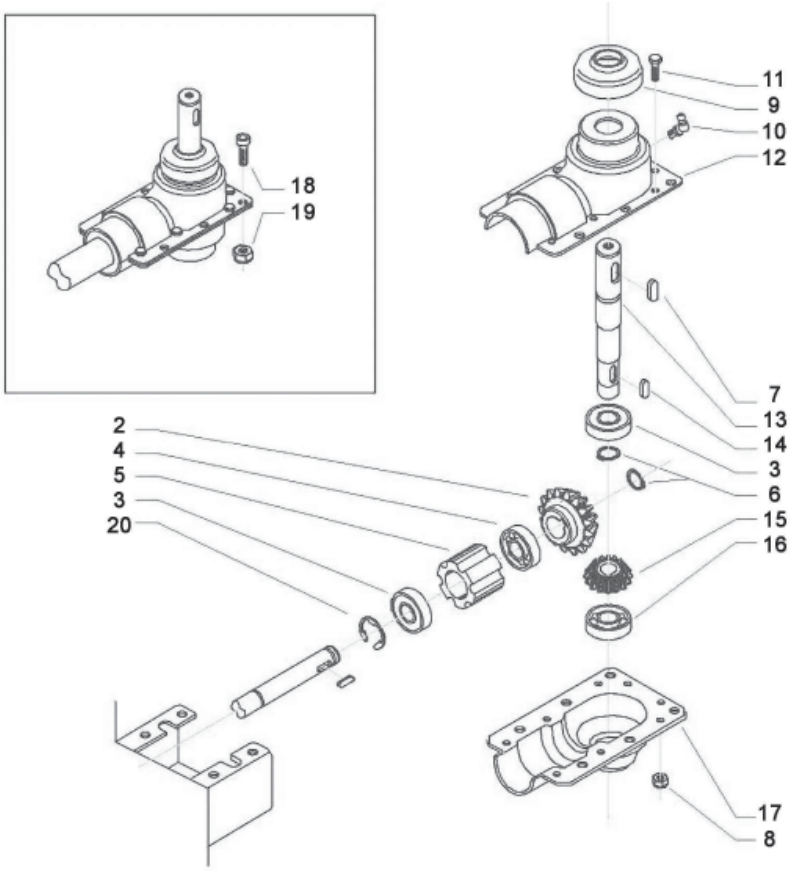
9. PARTS

9.1 CENTRAL GEARBOX PARTS LIST

REF.	QTY.	PART NO.	DESCRIPTION
1	1	322.021	Central Gearbox Assembled
2	1	323.028	Upper Shaft Agitator
3	5	326.006	Key 8 x 7 x 20
4	2	309.001	Oil Seal 35 x 52 x 7
5	6	310.002	Bearing 25 x 52 x 15 (6205)
6	1	306.007	Grease Nipple M6
7	1	304.026	Aluminum Flange
8	1	316.007	Toothed Crown Z32
9	1	301.052	Self Locking Nut PN 5 25 x 1.5
10	2	316.005	Pinion Z16
11	3	313.011	Elastic Ring 7435 E25
12	4	313.017	Elastic Ring 7437 I52
13	2	309.002	Oil Protection 25 x 52 x 7
14	1	323.027	Central Shaft
15	1	314.013	Internal Box
16	1	314.014	External Box
17	1	300.200	Sensor Cap of Oil Level 14 x 1.5
18	1	300.201	Aluminum Gasket 14 x 18 x 1.5
19	1	323.002	Input Shaft
20	4	303.052	Flat Washer 6292 10 x 20 ST.S
21	4	300.104	Hex Head Screw 10 x 30 UNI 5739 ST.S
22	2	300.003	Hex Head Screw 10 x 25
23	2	301.053	Self Lock Nut M10
24	4	303.015	Washer10 x 20
25	12	300.040	Screw 8 x 20 UNI 5933
26	12	303.007	Washer 8 x 17 UNI 6592
27	12	301.001	High Self Lock Nut M8 ZB
28	2	300.026	Hex Head Screw 6 x 16 UNI 5739 ZB
29	1	304.053	Rubber Ring
30	1	620.009	Gasket Cover Ring
31	1	301.013	High Self Lock Nut M10
32	1	619.033	PTB Lower Agitator
33	1	619.034	PTB Lower Agitator Plate

9. PARTS

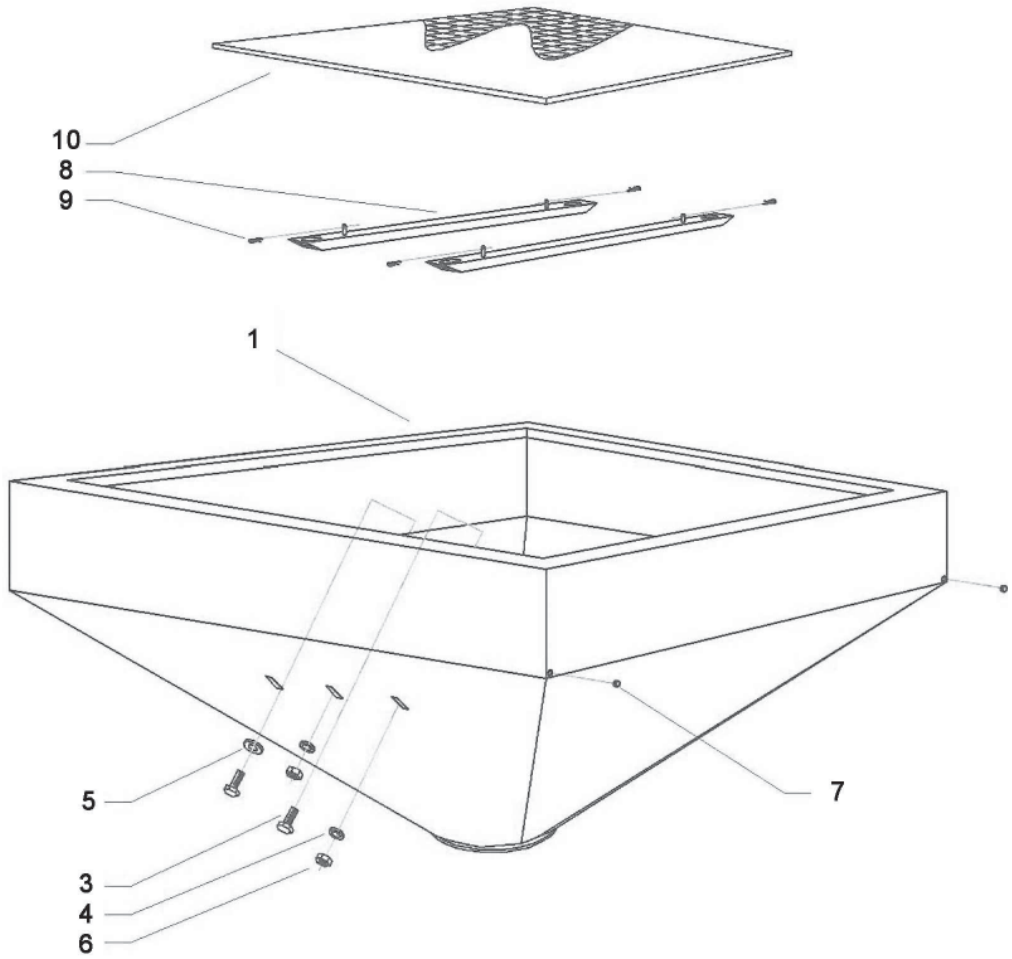
9.2 LATERAL GEARBOX 322.020



REF.	QTY.	PART NO.	DESCRIPTION
1	1	322.020	Side Gearbox Assembled
2	1	316.006	Pinion Z19
3	2	310.001	Bearing 25 x 52 x 15 (6205 2RS)
4	1	310.002	Bearing 25 x 52 x 15 (6205)
5	1	329.001	Spacer
6	2	313.011	Elastic Ring 7435 E25
7	1	326.003	Key 8 x 7 x 20
8	8	301.009	High Self Lock Nut M6
9	1	304.002	Anti-Dust Hood
10	1	306.010	Greaser 90° M8 x 1.25
11	8	300.026	Hex Head Screw 6 x 16
12	1	314.002	Upper Shell
13	1	323.023	Output Shaft of Disassembled Disc
14	1	326.004	Key 6 x 6 x 20
15	1	316.004	Pinion Z13
16	1	310.003	Bearing 20 x 52 x 15 (6304)
17	1	314.002	Lower Shell
18	6	300.014	Screw 8 x 16 ZB
19	6	301.012	Nut M8
20		313.010	Circlip

9. PARTS

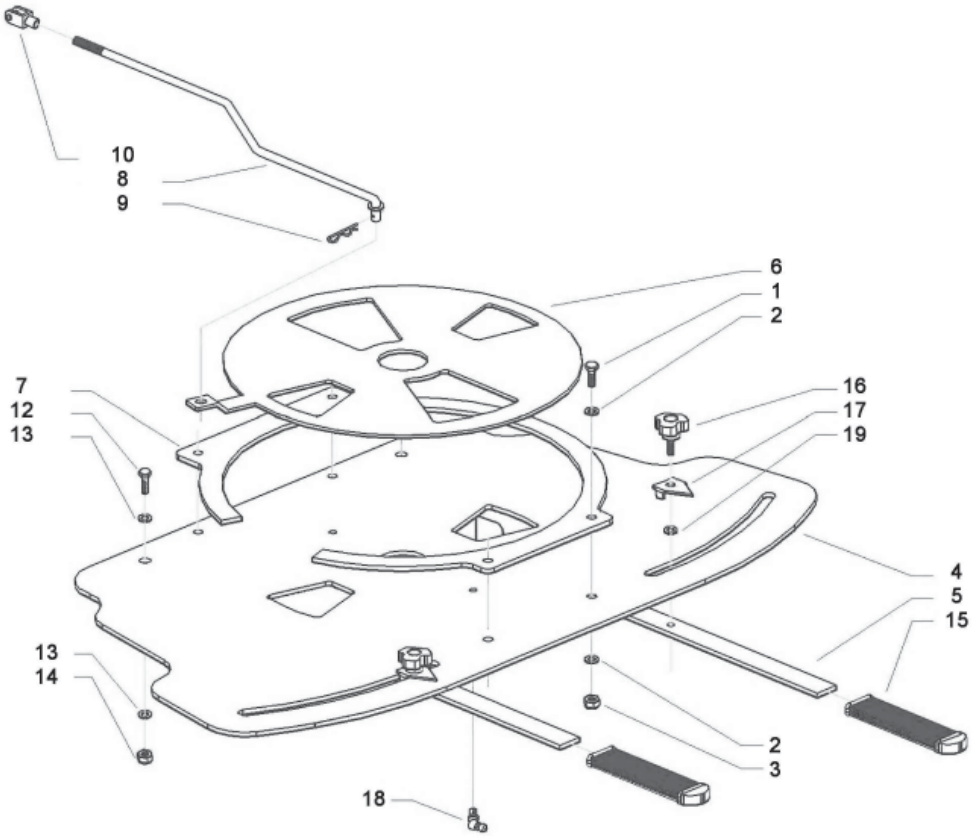
9.3 HOPPER



REF.	QTY.	PART NO.	DESCRIPTION
1	1	609.061	Hopper RE800
1	1	609.060	Hopper RE1000
3	8	300.096	Screw 10 x 25 ST.S
4	8	303.053	Washer 10 x 30 ST.S
5	4	303.059	Washer 12 x 36 ST.S
6	8	301.067	Nut M10 ST.S
7	2	304.052	Rubber Cap Diameter 14 mm
8	2	606.176	Support Bar Into The Hopper
9	4	305.010	Hair Cotter Pin For Grid
10	1	642.017	Protection Grid

9. PARTS

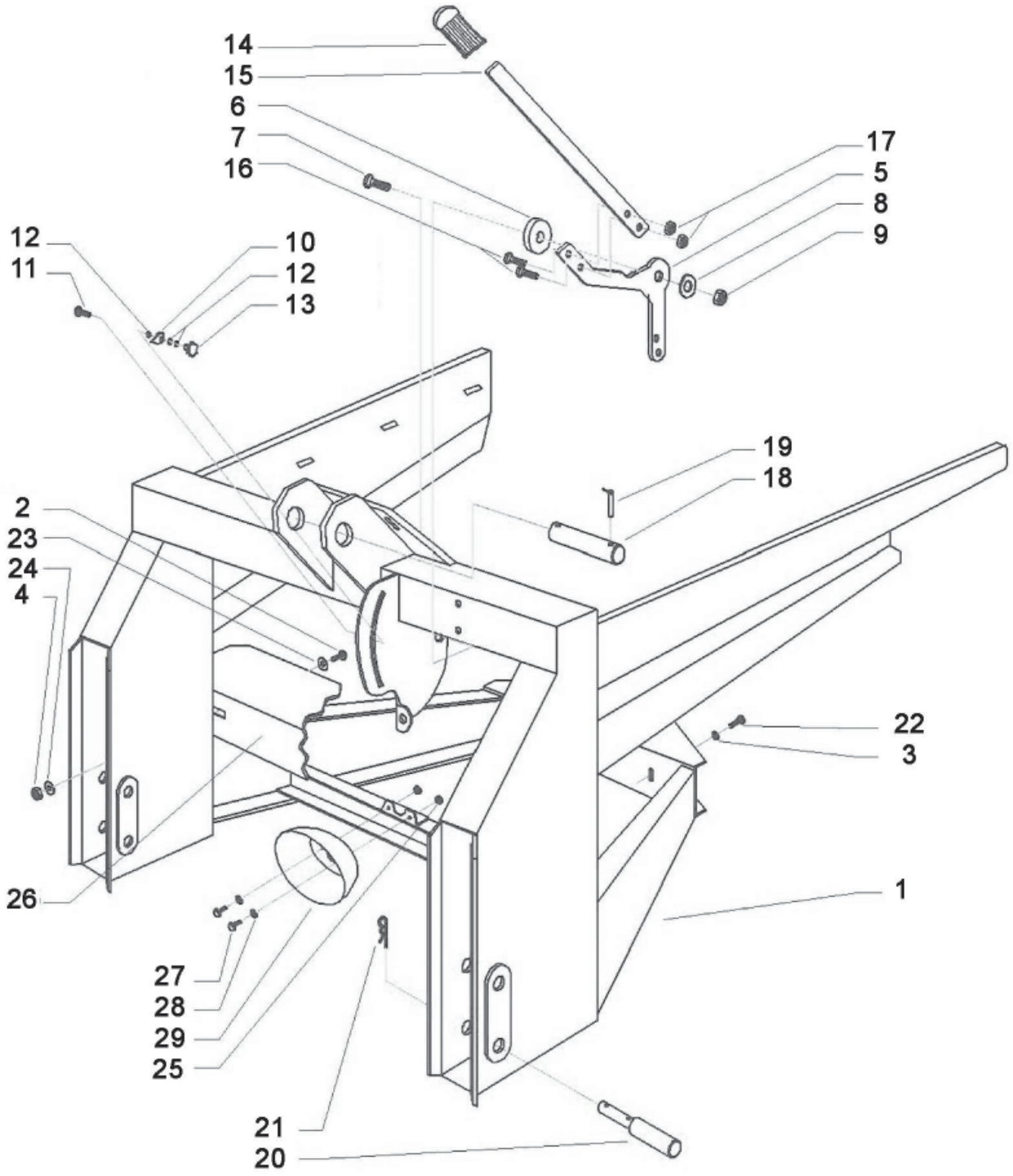
9.4 OPENING ASSEMBLY



REF.	QTY.	PART NO.	DESCRIPTION
1	4	300.088	Hex Head Screw 8 x 25 ST.S
2	8	303.056	Washer 8 x 16 ST.S
3	4	301.079	Self LockNut M8 ST.S
4	1	606.173	Plate ST.S
5	2	606.172	Levers ST.S
6	1	606.175	Opening Disc ST.S
7	1	606.174	Spacer
8	1	602.126	Opening Rod
9	1	305.010	Cotter Pin R
10	1	332.004	Opening Rod Fork
11	1	332.006	Fork Clip (not shown)
12	2	300.089	Hex Head Screw 10 x 25 ST.S
13	4	303.052	Washer 10 x 20 ST.S
14	2	301.068	Self Lock Nut M10 ST.S
15	2	304.008	Grip 25 x 5
16	2	302.003	Knob 8 x 25
17	2	616.004	Adjusting Index
18	2	306.010	Grease Nipple 90° 8 x 1.25
19	2	303.013	Washer 8 x 24

9. PARTS

9.5 FRAME



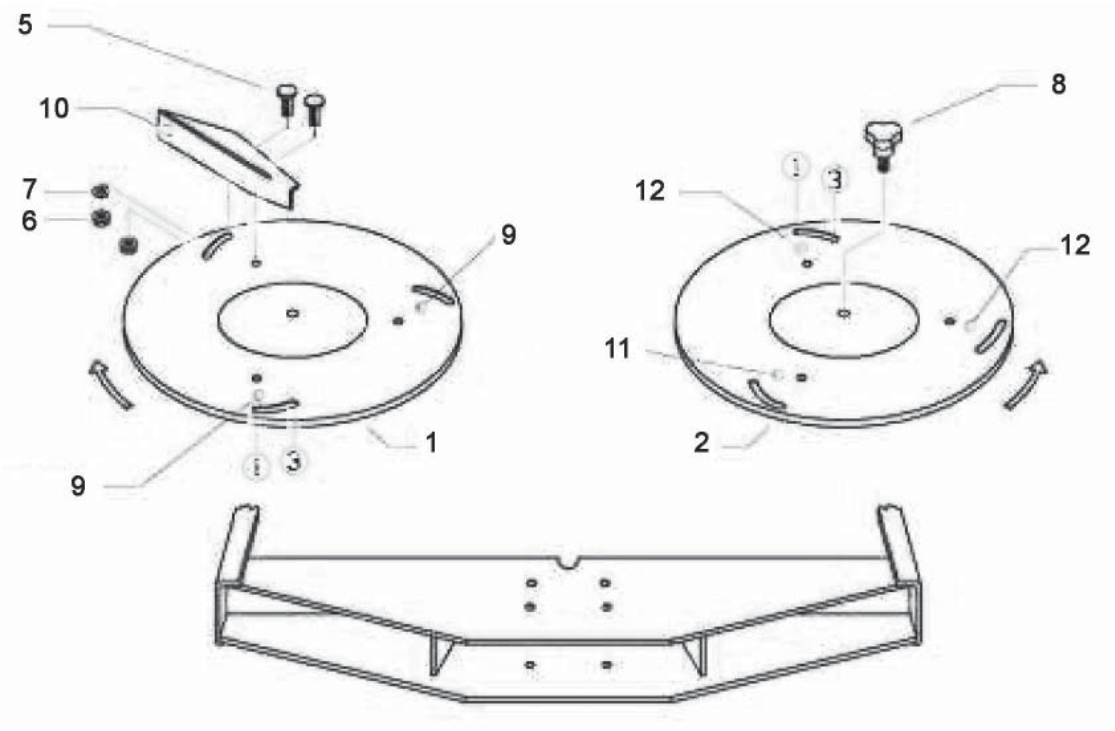
9. PARTS

9.5 FRAME

REF. #	QTY.	PART NO.	DESCRIPTION
1	1	620.129	Frame RE
2	2	300.023	Screw 10 x 20
3	4	303.008	Washer 12 x 24
4	2	301.010	Nut M10
5	1	604.012	Short Lever
6	1	329.010	Nylon Spacer
7	3	300.024	Hex Head Screw 12 x 35 UNI 5739
8	4	303.047	Washer 12 x 36
9	2	301.061	Self Lock Nut M12
10	1	616.004	Index
11	1	300.097	Screw 8 x 20 UNI 5732
12	3	303.007	Washer 8 x 17
13	1	302.005	Knob
14	1	304.014	Grip 30 x 10
15	1	604.013	Long Lever
16	2	300.029	Hex Head Screw 8 x 20
17	2	301.012	Nut M8
18	1	633.020	Upper Lifting Pin 25 x 144
19	2	302.007	Click Pin
20	2	633.022	Lower Lifting Pin 22 - 28
21	2	307.001	Spring Cotter Pin
22	2	300.006	Hex Head Screw 12 x 60
23	2	303.008	Washer 12 x 24
24	2	303.015	Washer 10 x 20
25	2	301.009	High Self Lock Nut M6
26	1	639.025	Shield
27	2	300.037	Bolt
28	2	303.018	Washer
29	1	304.050	Safety Guard

9. PARTS

9.6 SPREADER DISCS



REF.	QTY.	PART NO.	DESCRIPTION
1	1	610.062	ST. S Distribution Disc w/Vanes LH CW
2	1	610.063	ST. S Distribution Disc w/Vanes RH CCW
5	12	300.107	Screw 8 x 16 ST. S
6	12	301.064	Nut M8 ST. S
7	6	303.056	Washer 8 x 16 ST. S
8	2	302.001	Grooved Handle D.60 M10 x 20
9	1	601.040	Left ST. S Vane
10	2	601.042	Left ST. S Bent Vane
11	1	601.041	Right ST. S Vane
12	2	601.043	Right ST. S Bent Vane

10. LIMITED WARRANTY

GEARMORE INC.

GEARMORE, INC., warrants each new Gearmore product to be free from defects in material and workmanship for a period of twelve (12) months from date of purchase to the original purchaser. This warranty shall not apply to implements or parts that have been subject to misuse, negligence, accident, or that have been altered in any way.

Our obligation shall be limited to repairing or replacement of any part, provided that such part is returned within thirty (30) days from date of failure to Gearmore through the dealer from whom the purchase was made, transportation charges prepaid.

This warranty shall not be interpreted to render us liable for injury or damages of any kind or nature, direct, consequential or contingent, to person or property. This warranty does not extend to loss of crops, loss because of delay in harvesting or any other expenses, for any other reasons.

Gearmore in no way warranties engines, tires, or other trade accessories, since these items are warranted separately by these respective manufacturers.

Gearmore reserves the right to make improvements in design or changes in specification at any time, without incurring any obligations to owners or units previously sold.

GEARMORE, INC.
13477 Benson Ave.
Chino, CA 91710

Always refer to and heed machine operating warning decals on machine.

The serial number of this product is stored in our computer database, thus submitting a warranty registration card is not required.