

MULTI-DISC ROTARY MOWERS

FPM DKF 160/4 FPM DKF 200/5 FPM DKF 240/6 FPM DKF 280/7







04.2018.

INSTALLATION / HANDLING / MAINTENANCE

№ 91279

• E-mail: razvoj@fpm-agromehanika.rs

info@fpm-agromehanika.rs

SERBIA

Internet: <u>www.fpm-agromehanika.rs</u>

WARNING TO YOU, USER

By purchasing this tool you have made a wise choice. It is the result of many years of thinking, research and improvements. And you will, like thousands of other users, understand that now you possess the best that could be created by technique, knowledge and field testing. You have purchased a reliable tool, but only if you use it correctly, you can expect a good performance and long life.

This Instructions Manual provides all the necessary information you need to achieve the best possible efficiency from your tool. The efficiency greatly depends on how carefully you read and understand this Manual and apply this knowledge. This is a simple tool, but one can frequently overlook the obvious deficiencies reflected in the poor performance frequently resulting from the fact that you neglected the natural wear of parts or that the tool has not been set up well. Therefore, do not think that you know how to use and maintain the tool before reading this Manual that you should constantly have at hand.

Our service representatives or sales service centers with their trained staff can offer you all original parts for rotary hay rakes for servicing. These parts are manufactured and carefully examined in the same factory where the mower itself is manufactured to ensure high quality and precise fitting for each replacement.

MULTI-DISC ROTARY MOWERS ARE MANUFACTURED BY: FPM AGROMEHANIKA BOLJEVAC.

Multi-disc rotary mowers meet the criteria stipulated by the Regulation on Machine Safety (Official Gazette of REPUBLIC OF SERBIA, No. 58/2016, valid since 1st September 2016) particularly in terms of stability and protection of parts and assemblies that, by their function and form, might threaten the safety of the operator.

IMPROVEMENT: FPM Agromehanika is constantly striving to enhance and improve its products and therefore reserves the right to make changes or improvements as necessary, without any obligation to change/amend previously manufactured or sold equipment.

The information in this Manual is correct as of the date of publishing.

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THE CERTIFICATE OF OCCUPATIONAL SAFETY, DECLARATION OF CONFORMITY 2006/42/EC WITH SAFETY REQUIREMENTS DEFINED BY EUROPEAN DIRECTIVE ARE INTEGRAL PART OF THE INSTRUCTIONS FOR HANDLING AND MAINTENANCE.



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READ CAREFULLY!

In this Manual and on the tools you will find decals with the following warnings: "CAUTION"; "ATTENTION" and "DANGER". Warnings are intended to draw your attention to the personal caution and caution of those who work with you because they need to read them, too.

PERSONAL SAFETY

- CAUTION: The word "CAUTION" is used where it is necessary to be cautious to protect the operator and others from an accident.
- ATTENTION: The word "ATTENTION" indicates the possibility of serious injury to the operator and to staff that might suddenly occur. This is a word frequently used to alert the operator and other persons in order to avoid surprises when using the mower.
- DANGER: The word "DANGER" indicates what must not be done, because it implies risk.

THE ADDITIONAL WARNINGS SUCH AS "WARNING" AND "IMPORTANT" REFER TO SPECIAL INSTRUCTIONS RELATED TO THE SAFETY OF THE MOWER.

SAFETY OF THE MOWER

- WARNING: THIS WARNING DRAWS ATTENTION TO OPERATOR OF POTENTIAL DAMAGES OF THE MOWER IF HE FAILS TO COMPLY WITH ANY INSTRUCTIONS.
- IMPORTANT: THE READER IS INFORMED ABOUT SOMETHING HE SHOULD KNOW TO PREVENT MINOR FAILURES ON THE MOWER, IN CASE HE MISSES IT.

WARNING!

FAILURE TO OBSERVE THE ABOVE STATED WARNINGS "CAUTION", "ATTENTION" AND "DANGER" MAY CAUSE SERIOUS BODY INJURIES.

LIMITED WARRANTY

The factory provides warranty in compliance with the Law on Standardization, Regulation on Machine Safety (Official Gazette of Republic of Serbia, No. 58/2016, valid since 1st September 2016) for each original part of the mower delivered to the customer by the sales network of FPM Agromehanika Boljevac by which it guarantees that, at the time of delivery, each part was new, without defects in material and workmanship and that for the rotary mower it provides one-year warranty from the date of delivery to the end user, provided that the machine is used and serviced according to the recommendations for handling and maintenance provided in this MANUAL

EXCEPTIONS:

- 1. Parts made of wood are not covered by warranty.
- 2. Parts not manufactured by FPM Agromehanika Boljevac (tires, plastics, belts, PTO, PTO guard, hydro-cylinder with connecting hoses etc.) are not covered by this warranty but by the warranty of the corresponding producers.
- 3. Parts that are normally worn during exploitation such as V-belts, cutting blades, tires, swath removers, cutting blades brackets, sliders under cutting tool, protective tarpaulin, etc.
- 4. The warranty does not apply in case of misuse, improper or careless use or damage in an accident. The warranty becomes invalid in case of use of non-original parts and the factory is not responsible for damages caused in transport.

THE FACTORY IS NOT LIABLE FOR THE LOSS OF PROFITS DUE TO FAILURE OF THE MOWER, OR INJURY OF ANY THIRD PARTY, OR FOR ANY ADDITIONAL COSTS OF WORK ON REMOVAL AND REPLACEMENT OF PARTS.

Customer is responsible for and bears the costs of the following:

- 1. Regular maintenance, such as lubrication, the oil fill, minor adjustments, and the like.
- 2. Transport of the mower to the place where the service is provided during the warranty period and back.
- 3. Travel time of the authorized servicer to the owner of the rotary mower and back, or delivery and return of the mower from the service workshop after repair.

This warranty does not apply to the rotary mower that was changed or modified without our explicit permission or was repaired by someone else, outside of authorized service.

The warranty refers to strict compliance to the warnings:

- All instructions in this Manual must be observed and all the parts should be regularly checked and replaced, if necessary.

No warranty is provided for products that are not new.

Persons who only work in our factory are not official representatives of the factory and have no right to take any obligation on its behalf.

No warranty covers equipment for the products broader than the provided one, therefore the factory is not responsible for injuries resulting from such use.



CONNECTING THE MOWER TO TRACTOR

- A Before each connecting and disconnecting of the mower to and from the tractor, lock hydraulic controls to prevent any unintentional lifting or lowering.
- ▲ When connecting, pay attention to the category of the tractor and the connecting levers of the mower they must fit or be adjusted.
- A Zone around the connection points is very dangerous. There is a risk of injury when connecting the connecting levers.
- ▲ When using external commands for hydraulics do not stand between the tractor and the mower.
- ▲ Observe and block the lateral movement of the connecting levers during transport of the mower.
- ▲ When driving on public roads with the mower in transport position, the tractor hydraulics commands must be blocked against unintentional lowering.
- ▲ Do not use the mower for work on uneven terrain or too steep slopes do not use narrow track tractors for mower transport.

THESE WARNINGS MUST NEVER BE NEGLECTED

WARNING DECALS

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The following warning decals are placed on your mower to ensure your safety and the safety of people who work with you. By holding this Manual in your hand, walk around the machine and check these warning decals and instructions in the Manual. The decals must be legible, otherwise replace them with the new ones.



WARNING DECALS

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WARNING DECALS

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Identification of the tractor mower is performed by the statutory plate (decal no. 4) containing the following marks:

- The field marked by letter "Z" contains the number of certificate (document) on safety at work.
- The field "MASA/WEIGHT" contains the weight of the product.
- The field "GODINA/YEAR" contains the year of production (the last two numbers).
- The field "SERIJA/TYPE" contains batch code and product commercial code.

- The field "№ "contains the number of the rear mower consisting of nine numbers with the following meaning:

- 1st number year of production
- 2nd and 3rd number manufacturer's code
- the remaining 6 numbers serial number of product from the day of commencement of production.

WARNING DECALS

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INFORMATION FOR CORRECT READING OF INSTRUCTIONS

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In this manual "left" and "right" is defined in terms of the driving direction.

- Front part
- Rear part
- Left side
- Right side

(marks are shown on page 6, Figure wirh decals).

Metric thread is used during installation. Tighten all screws during installation. Letters are used for each figure to indicate where to install items.

Carefully read the text to properly install the mower.

PACKING OF ROTARY MOWERS



FPM 627 222 FPM 627 223 FPM 627 224 a x b x c = 1700 x 900 x 2350 a x b x c = 1700 x 900 x 2450 a x b x c = 1700 x 900 x 2600 FPM Boljevac

4-disc rotary mower FPM 627 222, 5-disc rotary mower FPM 627 223 and 6-disc rotary mower FPM 627 224 are dispatched with the cutting tool fixed to the main frame, packed into the wooden package. Free parts are not mounted but are separately packed into the wooden package.





CAUTION: THIS SYMBOL IS USED TO DRAW ATTENTION TO YOUR PERSONAL SAFETY. BE CAUTIOUS!

SPECIFICATION OF TECHNICAL CHARACTERISTICS

| | ROTARY MOWERS MARK | | |
|--|---------------------------|------------------------|------------------------|
| | FPM 627 222 | FPM 627 223 | FPM 627 224 |
| No. of discs | 4 | 5 | 6 |
| Working width | 1,60m | 2,00 m | 2,40 m |
| Tractor operating speed | | do 16km/h | |
| Work rate | up to 2ha/h | up to 2,5ha/h | up to 3ha/h |
| Required tractor output shaft power | 21 KW (28 PS) | 25 KW (35 PS) | 31 KW (42 PS) |
| Mower disc RPM (with 540 ^{min-1} tractor shaft) | 3030 min ⁻¹ | 3030 min ⁻¹ | 3030 min ⁻¹ |
| Weight | 366 daN | 405 daN | 452 daN |
| Cutting tool lifting system | Hydraulic | Hydraulic | Hydraulic |
| Threads | Metric | Metric | Metric |
| Transport position width | 0,25 m over tractor width | | |

INSTALLATION INSTRUCTIONS

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Da bi se olakšao transport rotacionih kosačica FPM 627 222, FPM 627 223 i FPM 627 224 skinuto je nekoliko delova i sklopova, da bi se smanjili gabariti. Da bi pravilno sklopili kosačicu, postupite na sledeći način:

1. Mounting the support frame on the cutting tool

Tighten the free fork connecting the support frame and the multiplier with two self-locking nuts (A) (Fig. 2). To ensure safe carrying of the cutting tool, the nuts (A) must be tightened to a torque of 13.5 daNm.

CAUTION:

For your personal safety, prevent the frame from tipping over and turning during installation.

2. Installation of protection pulleys and V-belts

- Install the front of the guard (A) (Fig. 4), fasten it with existing screws (B), tightening torque 5 daNm, then fasten the belt tensioners (C) (Fig. 4).
- Mowers with four and five discs have pulleys with three grooves for V-belts, and mower with six discs has pulleys with four grooves.
- Clean the hole on the belt (A) (Fig. 3) and pull it onto the multiplier shaft (Fig. 4) (position D). Secure it with an existing washer and nut. Slide the convex part (B) (Fig. 3) of the belt hub towards the multiplier housing.





INSTALLATION INSTRUCTIONS

Place the V-belts (D) on the pulleys, loosen the nuts (A) beforehand, and tighten the nut (B) (Figure 5). The V-belts are properly tightened if you reach a maximum deflection of 10 mm in the middle of the belts at a force of 3.5 daNm. When tightening, make sure that the pulley housing slides along the guide (A) (Fig. 5a). After reaching the tightening force of the belts, tighten the pulley housing with the nuts (A) (Fig. 5) and thus the housing is fixed.



- Install the rear side of the guard (I) (Fig. 6), fasten it with nuts (B), the tightening torque is 5 daNm. Fasten the belt tensioners with two screws (C) (Fig. 6)





3. Balance bar mounting

- Mount the balance bar (L) on the frame (M), using a wedge (N) and two elastic nails (O) (ø 5x30) (Fig. 7).
- Tie the balance bar (L) (Fig. 8), to the connection point on the frame as shown (Fig. 8).





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INSTALLATION INSTRUCTIONS

4. Slider installation

Connect the slider (S) to the multiplier with two screws (T) (M10x16) and two screws (U) (M10x20) (Figures 9 and 10). Connecting elements (V and W) are mounted under the screw (U) (M10x20) (see Figures 9 and 10).





5. Installation of tarpaulin bracket and hydraulic cylinder fork

Attach the support frame (D) (Fig. 11), to the multiplier with four screws (M12x35) (E) as shown in (Fig. 11) (tighten the screws to a torque of (14daNm).

REMARK: For FPM 627 224 mower (6 discs) these 4 screws "for now" do not tighten to the end.



For the FPM 627 224 mower (6 discs) mower, fasten the outer sheet metal (E) with 4 screws (I) (M10x25) and 4 self-locking nuts (M10) to the tarpaulin bracket as shown in (Fig. 13).



For FPM 627 224 mower (6 discs), attach the end of the tarpaulin bracket (D) to the tear-off bracket (S) with the screw (A) (M16x50). Tightening torque 28 daNm. Then tighten the screw (H) (M12x30) (Fig. 12).

Now tighten the screw (E), 4 pieces, (Fig. 11), the required tightening torque is 14 daNm.



Fix the hydraulic cylinder fork (A) as shown in (Fig. 14) and secure the pin (N) with elastic pins (F) (\emptyset 5x30).



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INSTALLATION INSTRUCTIONS

6. Installation of internal protective sheet

- Fasten the inner protective plate (J) with 4 screws (H) (M10x20), 4 flat washers (dimensions 10x21x2) and 4 self-locking nuts (M10), as shown in Figure 15.

7. Installation of the cutting board

The complete cutting board is mounted by fastening the sheet metal (U) to the cutting board bracket in place (O) with a screw (M12x80), coil springs, special washers and self-locking nuts (Fig. 16). Make sure to tighten the nut so that the cutting board remains movable. Fasten the wooden lever (R) to the sheet metal (U) using the connecting plate (Y), the screw (V) (M8x30), the screw (W) (M8x50) and 2 self-locking nuts (M8) (Fig. 16).





8. Tarpaulin bracket installation



INSTALLATION INSTRUCTIONS



Connect the front half of the protective frame (C) with screws (F) (M10x25) to the appropriate brackets (B), using plastic washers (Q) (\emptyset 10), nuts (O) (M10) (Fig. 17).

Fasten the front folded half of the protective frame to the holes (N) with screws (M10x75) and secure with self-locking nuts (M10). Tighten the nuts so that the front guard can rotate freely (see Fig. 17 and Fig. 18).

Then fasten the rear half of the protective frame (W) with screws (F) (M10x25) to the appropriate brackets (A) using plastic washers (Q) (\emptyset 10), nuts (O) (M10) Fig. 18.

Tie the protective tarpaulin (D) (Fig. 19) to the frame in the places marked with (E) with straps.

Mount on the inside the belt with crossbar at the rear at position A, and the belt with drilled holes at the front movable part from the inner bottom side at position B (Fig. 19).

Note: when assembling correctly tie the tarpaulin to the frame, a plastic washer (Q) is placed on the tarpaulin (D) over which the screw (f) and the nut (O) are connected (Fig. 20). This figure shows how to mount the belt (A) with drilled holes and the belt (B) with a crossbar.

- Install the bracket (J) at the end of the protective frame, connect it with two screws (R) (M10x30), two washers (T) (Ø 10) and two self-locking nuts (O) (M10) (Fig. 17).
- Attach the additional bracket (S) with the screw (V) (M10x50), and the screw (R) (M10x45) to the protective frame (see Fig. 21) and (see Fig. 17).
- Figure (21A) shows the tarpaulin folding mode for the transport position. After folding the tarpaulin, secure the front and rear part with the straps (A and B) shown in Fig. 19 and the mower is ready for transport.





WHEN WORKING WITH THE MOWER, THE PLASTIC COVER MUST ALWAYS BE PLACED ON THE FRAME, LOWERED INTO THE WORKING POSITION

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HYDRAULICS INSTALLATION

- A In case of aggregation on tractors that have a control valve for external hydraulics, connect the end of the hydraulic cylinder hose to the hydraulic outlet.
- B In the case of aggregation on tractors manufactured by IMT BEOGRAD:
 - On the transmission housing, loosen the two screws (A) and remove the cover (B) (Fig. 22). Store the cover and screws in a clean and safe place.

WARNING: LIFT THE COVER UPWARDS CAREFULLY, TAKING CARE NOT TO DROP THE HOSE USED FOR THE OIL SUPPLY.

- Remove the hose and sealing rubber from the cover and place them in the appropriate hole on the distributor.
- Carefully place the distributor (D) on the gearbox housing, tighten it with two screws (E) (M12x35) (Fig. 23). The screws are supplied with the distributor. Connect the hydraulic cylinder hose to the end of the bent distributor line.

WARNING: IF YOU HAVE NOT PLACED THE RUBBER IN THE OIL SUPPLY PIPE CORRECTLY, THE HYDRAULICS WILL NOT FUNCTION, YOU HAVE TO REPEAT THE INSTALLATION PROCEDURE, MORE CAREFULLY.

- Place the lever on the distributor (C) (Fig. 23) in the position for the operation of the hydraulic cylinder, which raises the cutting tool, and by placing the lever (C) in the neutral position, the lifting of the cutting tool is blocked.

WARNING: WHEN THE DISTRIBUTOR LEVER IS IN THE OPERATING POSITION, THE TRACTOR LEVERS DO NOT WORK

- The tractor levers are put into operation using the lever (A) (Fig. 23) (in this case, put the lever of the distributor in the neutral position).

SUPPLY OF THE HYDRAULIC INSTALLATION OF THE MOWER

The hydraulic cylinder is supplied with oil from the tractor installation, the lever (A) (Fig. 24) regulates the reaction speed of the hydraulics (lower part of the square in the sector "FAST" and is limited by the nut (C). By moving the lever (B) up above the two points, the oil is pushed into the tool installation, and by lowering the lever, the oil is returned to the tractor housing.







Raising and lowering the mower as well as stopping it is done with the lever (A) (Fig. 24).



CAUTION: OBSERVE THAT NO ONE IS ON THE ROUTE OF LOWERING THE CUTTING TOOL.

 For proper operation of the mower it is necessary to connect tractor levers as shown in Fig. 32 for tractors with a wheelbase of 1.32 m. For the wheelbase of 1.5 m, attach the tractor levers as shown in Fig. 33. For the wheelbase of 1.65 m, attach the tractor levers as shown in Fig. 34. Common to all three shown cases is "sliding" from min. 5 cm, shown in the figures as (A) allowing the operator to mow with full range of cutting tool.

REMARK: MAKE SURE THE TENSION CHAIN (C) ALLOWS THE CUTTING MACHINE TO TAKE THE CORRECT POSITION.



The aggregation is performed as follows:

1. First remove the paint from the mower's connecting arms.

2. Move the tractor backwards, use hydraulics to lower the tractor levers to the height of the axis of the mower attachment points, attach and lock the levers as shown (A) in Fig. 35.

3. Connect the upper tractor lever - toplink (B) (Fig. 35) with the pin (C) to the connection on the upper part of the supporting frame, and depending on the tractor category, turn the thinner or thicker end of the axle and secure it with the existing protectors.



4. After the previous operation, use hydraulics to raise the mower from the ground to the required height for transport.

5. For the safety of the mower during transport, pull out the lock (A) (Fig. 36) and lock the parking foot (B) into the groove (C) and the mower is ready for transport.



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TRANSPORT OF A ROTARY MOWER

To transport a rotary mower on public roads or from one field to another, remember and do the following:

- 1. Switch off the tractor output shaft and wait for all moving parts to stop.
- Hydraulically raise the mower to the required height for transport, press the wedge (A) (Fig. 36A) and raise the parking foot (B) so that the groove (C) reaches the height of the wedge (Fig. 36A).



3. Move the locking pin (A) (Fig. 37) on the floating lever to the transport position (see drawing of the decal B), secure with a protector, thus blocking the lever from floating.



4. Fold the front half of the tarpaulin (A) backwards (see arrow) (Fig. 38) and tie in this position with the provided straps.



5. Raise the cutting tool with the hydraulic cylinder to the transport-vertical position



 Move the towing lever (T) from the neutral position, i.e. connect it to the support frame and secure it with the lock (L) (Fig. 39) and the mower is ready for transport.



When transporting the rotary mower, the towing lever (T) must be installed in order for the transport of the rotary mower to be safe and secure.



CAUTION: BEFORE YOU START TRANSPORTING A ROTARY MOWER MAKE SURE THE MOWER IS SAFE TO TRANSPORT AND MEETS THE TRANSPORT REGULATION ON PUBLIC ROADS.

SETTING THE CUTTING TOOL

1. Move the locking pin (A) (Fig. 40) to the operating position. This releases a spring that allows the cutting tool to copy the terrain correctly.

WARNING: TO TRANSFER THE LOCK PIN, THE CUTTING TOOL MUST BE RAISED INTO THE TRANSPORT POSITION.



2. Disconnect the transport position lever (T) from the mower support frame, attach it to the frame (tarpaulin bracket) and secure it with the existing elastic lock (L) (Fig. 41).



CAUTION: BE VERY CAREFUL WHEN LOWERING THE CUTTING TOOL, NO ONE MUST BE ON THE ROUTE OF LOWERING THE MOWER CUTTING TOOL.



4. Adjust the mower with the tractor levers so that the centers of the attachment points (A) are at a height of 450 mm (Fig. 42).



 Mount the chain (D) in the slot on the tensioning hook (A) on the tractor as shown in Fig. 43. Fully lower the tractor levers to adjust the height:

The setting is good if:

- Cutting tool rests on the ground
- The chain is tied and tightened
- The distance between the connection points and the ground is about 400 mm.



Hydraulic cylinder control is of great importance for proper operation of the mower. The adjustment is done during work, which makes your work easier and increases your work performance.

SETTING THE MOWING HEIGHT

The cutting height is adjusted by turning the entire cutting tool around the longitudinal axis. This is done by shortening or lengthening the length of the toplink (B) (Fig. 43 and 44). This adjustment operation should be performed very carefully in order to obtain a precise mowing cut (Fig. 44).



WARNING: IT IS VERY IMPORTANT WHEN ADJUSTING THE MOWING HEIGHT, NOT TO TURN THE CUTTING TOOL SO MUCH THAT THE BLADES HIT THE GROUND DURING THE WORK. IN THAT CASE, THE BLADES WILL BE DAMAGED QUICKLY, AND YOU WILL DESTROY THE ROOT OF PLANTS.



If the cutting tool hits a hidden obstacle during operation, the safety device (R), which disengages the cutting tool (Fig. 45), is activated.

TO CONTINUE MOWING, STOP THE TRACTOR AND SWITCH OFF THE OUTPUT SHAFT.



Then pull the tractor back slightly and lift the mower with the tractor levers. Swing the cutting tool towards the tractor to return the safety system to its original working position. WARNING: Check that the safety device box is greased. If not, lubricate with technical grease all the parts that slide inside each other.

The safety device is factory-set correctly for operation in normal operating conditions, and only takes effect when the cutting tool encounters hidden (solid) obstacles on the ground. For four-disc mowers, the spring (B) is made with a dimension (A) of 102 mm (Fig. 45).

If there is a need for the safety device to be adjusted by the user, in order to adapt to local soil conditions, then the basic rule applies that the safety device spring must be adjusted so that it is not activated under normal operating conditions.

WARNING: NEVER OVERTIGHTEN THE SPRING.

For the FPM 627 223 (five-disc) and FPM 627 224 (six-disc) mowers, the safety system is adjusted with plate springs to a length of 94 mm, as shown in Figure 23 as (Y).





CAUTION: ALWAYS WORK WITH THE MOWER WHEN THE PLASTIC COVER IS PLACED IN ITS PLACE. DO NOT LIFT THE FRONT OR REAR OF THE PLASTIC COVER WHEN WORKING.



ATTENTION: NEVER WORK WITH THE MOWER WITHOUT PLASTIC PROTECTION INSTALLED. LOWER THE FRONT AND REAR SIDES OF THE PROTECTION INTO THE WORKING POSITION AT WORK.



IMPORTANT: BEFORE LUBRICATION, CLEANING AND MAINTENANCE OF THE MACHINE, TURN OFF THE TRACTOR ENGINE, TAKE OFF THE IGNITION KEY, AND TURN OFF THE PTO.



IMPORTANT: THE OIL IN THE ANGULAR MULTIPLICATOR AND CUTTING TOOL MUST BE CHANGED AFTER THE FIRST 10 WORKING HOURS (USE ONLY SAE 80 W EP OIL).

The air release valve (A) (Fig. 47) on the side of the multiplicator must be dismantled and cleaned after the first 10 operating hours.

IMPORTANT: It is very important to properly lubricate the transmission elements in order to meet strict operating requirements even in the most difficult conditions. It is best to drain the oil immediately after the tool has completed the work, since then the oil is still warm, and the sediment in it has not yet settled. Change the oil after 200 hours of operation, or at the latest after the mowing season.





ANGULAR MULTIPLICATOR

To add oil to the multiplier, unscrew the oil filler plug (B) (Fig. 47). Check the oil level every day and top up with fresh SAE 80 W EP oil if necessary.

A maximum oil content of 0.25 I should be adhered to and checked regularly.

The screw (C) (Fig. 47) allows you to control the oil level when the cutting tool is in a horizontal position. The oil level is correct if the oil reaches the control hole (B). If the cutting machine is in a vertical position, the screw (C) is used to drain the oil. Drain the oil into a suitable container.

CUTTING TOOL HOUSING

To add oil to the cutting tool housing, loosen the screw (A) (Fig. 48).

WARNING: for filling oil, the cutting tool must be placed in a vertical transport position.

CUTTING TOOL CAPACITY

| Mower series | Liters |
|--------------|--------|
| FPM 627 222 | 1,75 |
| FPM 627 223 | 2,00 |
| FPM 627 224 | 2,25 |

To drain the oil from the cutting tool, unscrew the plug (C) (Fig. 48) under the multiplicator.

Drain the oil at the operating temperature of the machine and into a suitable container. The magnetic plug should be cleaned before installation.

WARNING: OBSERVE WELL THE ABOVE INFORMATION. DURING THE WORK, CHECK IF THERE IS INCREASED HEATING OF THE MULTIPLICATOR HOUSING OR CUTTING TOOL. CHECK IT BY PALM OF YOUR HAND. NORMAL OPERATING TEMPERATURE IS ABOUT 90°C.

LUBRICATION

WARNING: IT IS RECOMMENDED TO REDUCE THE QUANTITY OF OIL IN THE CUTTING TOOL BY 25% WITH CUTTING TOOL WHICH TAKES AN ANGLE BETWEEN +/- 20 RELATED TO HORIZONTAL.

IT IS ALSO RECOMMENDED TO KEEP THE CUTTING TOOL IN THE HORIZONTAL POSITION FOR A FEW MINUTES EVERY 1/2 HOUR.

LUBRICATION

Control the lubrication of the place with built-in lubricators and other sliding surfaces.

A good degree of lubrication is achieved every eight hours of operation. Wipe surfaces of dirt and dust before lubrication. Lubricate rotating and joint parts every fifty hours. Lubricate all parts that move in each other (telescope) if needed.

- Lubricator on the front joint

 every 8 hours
- Rotating part of the trim on the front of the cardan shaft
 every 40 hours
- Internal telescopic part of the tube
- every 20 hours4. Rotating part of the trim on the rear of the cardan shaft
 - every 40 hours
- 5. Lubricator on the rear joint every 8 hours
- Locking pin on the front and rear part
 every 40 hours
- 7. Clean all parts of the shaft when it has been out of use for a long time.

The specified lubrication times only apply to normal operating conditions. If you work in more difficult conditions, more frequent lubrication is needed.

If you follow this lubrication plan, you will achieve a longer shaft life. With careful maintenance, you avoid malfunctions, which can occur due to heating of the bearing, damage to the bearing or increase in axial force. Lubricate the PTO in the marked places, only with quality lubricating grease.

LUBRICATE ALL ROTATING, SLIDING AND JOINT CONNECTIONS ON THE MOWER FRAME.



WARNING: ALWAYS KEEP IN MIND THAT YOU SHOULD USE THE RECOMMENDED QUALITY OF OIL, TO AVOID THE UNEXPECTED DAMAGES OF THE TOOL. PROPER AND REGULAR LUBRICATION WILL ENSURE UNINTERRUPTED AND SAFE WORK OF YOUR MOWER.



Figure 49

FPM Boljevac

SETTING AND MAINTENANCE

BEFORE YOU WORK ON TROUBLESHOOTING OR ADJUSTING THE MOWER, TURN OFF THE TRACTOR, PULL OUT THE KEY, WAIT FOR THE ROTARY PARTS TO STOP, AND ONLY THEN START ADJUSTMENT OR MAINTENANCE OF YOUR MOWER.



ATTENTION: REMOVE ALL OBJECTS WHEN ADJUSTING THE MOWER. THE OBJECTS AND PARTS MAY HURT PERSONS STANDING NEARBY.

DISCS AND CUTTING BLADES

The discs, cutting blades and blade holders of high quality have been made at the factory. Blades and blade holders are made of special alloy steel that is tough and wear-resistant, so they have a long service life.

Be sure to replace worn and damaged parts with original parts made by FPM Agromehanika Boljevac, thus ensuring high quality and accurate assembly during replacement.

DANGER: USE ONLY ORIGINAL PARTS MADE BY FPM AGROMEHANIKA BOLJEVAC.

After long use, the cutting edges of the blades become blunt, and the quality of mowing is no longer satisfactory. The blunt edges of the cutting blades require an increase in driving power, and the stems of cut plants are uneven and rough.

Before replacing, clean the blade, blade holder, and nut from dirt, as shown under (A) in drawing 50. Unscrew the nut and unscrew the blade holder from its bearing.

Two cutting blades are mounted on the mowing disk which rotates clockwise while the adjacent disk rotates counterclockwise.

When you make sure that the cutting edges of the blades have become dull, then replace the blades on the adjacent discs, because the blades are double-edged.

Sharpening of the cutting edges of the blades is possible as long as the hardened blade lasts, provided that the intended angle of the cutting edge is maintained.

If the damage is greater, the knife needs to be replaced.



All discs should be adjusted so that the axes of the blades occupy a right angle (see Figure 50).





- Use a torque of 7.5 daNm to tighten the screw (A) holding the cutting blades.
- To tighten the cutting discs, the nut (Q) (Fig. 51) must be tightened to 18 daNm.



When mounting the cutting discs under the nut (Q), use a spring washer (R) to properly tighten the discs. Above the bearing, it is always necessary to install a protective washer (P) which prevents dust and dirt from entering the housing of the cutting disc (Fig. 51).

SETTING AND MAINTENANCE

V-BELTS

V-belts should be properly tightened to prevent excessive sliding. Loosely tightened belts are the cause of poor operation of the cutting tool and premature damage and tearing (see section 2) (page 15).

To tighten the belt, loosen the two nuts (A) (Fig. 52). Tighten the nut (B) until a force of 9 daNm is reached, i.e. a belt deflection of 10 mm between the belts. In doing so, make sure that the housing rests properly on the frame. Finally, tighten the nuts (A).

WARNING: IT IS NECESSARY AND IMPORTANT TO CHECK THE TIGHTNING OF THE BELTS AND TIGHTEN THEM PROPERLY. IT IS PARTICULARLY **IMPORTANT TO DO THIS AFTER THE FIRST 1/2 HOUR** OF USE.

WHEN REPLACING WORN BELTS, REPLACE THE ENTIRE BELT SET. REGARDLESS OF THE CONDITION OF ONE BELT RELATED TO ANOTHER.

SLIDING BOARD

To adjust the cut shape correctly, the coil spring (A) (Fig. 53) must be loosened or tightened.

CAUTION: REGULARLY CHECK THE TIGHTNESS OF ALL SCREWS AND NUTS, PARTICULARLY ON THE PART OF THE CUTTING TOOL, ON **DISCS AND BLADES.**

PARKING OF A MOWER

To park the mower, the order is as follows:

- Lower the foot (D) from the upper transport position to the support position.
- Using the hydraulics of the tractor, lower the mower to rest on the ground.
- Move the cutting tool from the transport, vertical position to the horizontal position.
- Return the front part of the tarpaulin to the front position.
- Unhook the mower from the tractor levers.
- Disconnect the male coupling part (F) on the hydraulic hose, and wrap it around the mower frame.
- Disconnect the PTO shaft (T) from the tractor output shaft.
- Attach the chain (E) to the PTO and the mower frame, and secure the chain from unwinding with the hook (C) (see Fig. 54).

WARNING: BE VERY CAREFUL BEFORE LOWERING THE CUTTING TOOL. NO ONE MUST BE ON THE ROUTE OF LOWERING THE MOWER CUTTING TOOL.

T

FOR YOUR SAFETY, ALWAYS LEAVE THE PARKED MOWER WITH THE CUTTING TOOL LOWERED INTO HORIZONTAL POSITION.



C

E

F

D

54





TABULAR VIEW OF SERVICE MAINTENANCE

| PROBLEM | POSSIBLE CAUSE | PROBLEM SOLUTION |
|--|---|---|
| Cutting tool does not float (does not copy the terrain). | The supporting frame is not well adjusted. | Adjust the support frame so that the connection points are parallel and 400 mm from the ground. |
| | The sleeves and forks on the cutting machine are stuck. | Lubricate sleeves and forks. |
| The balance bar of the mower is frequently unlocked. | Insufficiently tensioned spring on the balance bar. | Tighten the balance bar spring (see page 25). |
| Difficult cutting tool angle adjustment. | Tension chain set in inappropriate position. | Set the tension chain to the appropriate position. |
| Uneven cutting of grass stems. | Cutting tool too bent. Low PTO RPM. Excessive forward speed. Dull or broken blade. | Adjust it. Operate with PTO RPM 540 min ⁻ ¹ . Reduce the speed. |
| High cutting of grass stem. | Unadjusted angle of cutting tool. | Change the angle of cutting tool. |
| Crop stems fall forward before cutting. | The wind swirls the grass | Adjust the cutting (mowing) direction. Adjust PTO RPM, increase the forward speed. |
| Excessive wear of blades and discs. | Work in difficult conditions. | Choose the right blades and reinforced discs. |
| The ground is "glued" to the front of the cutting tool. | Work on wet terrain. | Adjust the frame height by shortening the chain to the required height. |

CONTROL OF BLADES AND CUTTING DISCS

A) BLADES: They should be inspected in detail before you start mowing. Quality cutting, good and safe work depend on well-sharpened blades.

1. DAMAGED BLADES

Very rough and damaged edges of the blades cause cracks and lead to:

- Increased risk of accident
- Deterioration of cutting quality
- Risk of damage to the cutting tool

2. WORN BLADES

The width (B) of the worn blade, measured at a distance of 10 mm from the edge of the cutting disc, must be at least 3/4 of the normal width of the blade.





The length of the oval hole (L) on the cutting blade must not exceed 18 mm.

B) MOWING DISCS: They need to be checked regularly! (Particularly check the tightening torque of the screws). The tightening torque is 7.5 daNm.

- Check immediately after hitting the hidden obstacle
- Check when you replace the blades

Always mount two same types of FPM AGROMEHANIKA BOLJEVAC blades on the cutting disc to avoid taking the disc out of balance.

Check before the start of each mowing season

CONTROL OF BLADES AND CUTTING DISCS

- 1. For safety reasons, you must replace the blade holder:
- When there are visible deformities.

When the head is worn to the zone of contact with the blade.

When the nominal diameter on the blade holder Dn = 16mm reaches the maximum value on the worn blade holder of D = 13mm.

- 2. You need to replace the nut:
- When the contact protective mass in the nut loses elasticity, which is characterized by frequent loosening.
- When the wear of the nut reaches the value a = H/2.

FOR THE PROPER OPERATION OF YOUR MOWER, USE ONLY ORIGINAL PARTS MADE BY FPM AGROMEHANIKA BOLJEVAC















Form 1

No.: 1153 01.07.2018.

CERTIFICATE

OF APPLIED OCCUPATIONAL SAFETY MEASURES

On: Rotary disc mowers.

Type and
purpose:Rear mounted mower FPM 627 222 with four discs, rear mounted mower
FPM 627 223 with five discs, rear mounted mower FPM 627 224 with six
discs.

Year of 2018 production :

Technical data: Gama rotary mowers working width 1,60 m; 2,00 m and 2,40 m. Required tractor output shaft power 21 KW do 31 KW. Mowing discs RPM at 540 min⁻¹, tractor output shaft is 3030 min⁻¹. Transport position width is 25 cm larger that the tractor width. The mowers are equipped with hydraulic lifting system for lifting of the cutting tool. The weight of the mowers is 366 kg, 405 kg and 452 kg. Operating speed up to 15 km/h, transport speed up to 20 km/h.

REMARK: Rotary disc mowers should be used according to the Instructions for handling and maintenance, with obligatory application of safety tarpaulin. No person or animals are allowed in the working zone.

Authorized person:

Verified by signature and round, official seal



FPM AGROMEHANIKA BOLJEVAC Page 27 Djordja Simeonovica 25 19370 Boljevac Serbia

DECLARATION OF CONFORMITY 2006/42/EC

We hereby declare, within our responsibility, that the product

Type: Rotary mower

Model: FPM 627 222 - 4 discs - working width 1,7m FPM 627 223 - 5 discs - working width 2,0m FPM 627 224 - 6 discs - working width 2,4m

Year of production: 2018

complies with the safety requirements defined by the European Directive 2006/42/EC.

The product complies with the following standards:

| DESCRIPTION | STANDARD |
|---|-------------------------|
| Safety of machines - General principles for design - Risk assessment and risk reduction | SRPS EN ISO 12100:2014 |
| Safety of machines - Safety distances to prevent reaching danger zones by limbs | SRPS EN ISO 13857:2010 |
| Tractors and machinery for agriculture and forestry, motor equipment for lawns and gardens - Safety signs and danger charts - General principles | SRPS ISO 11684:1999 |
| Agricultural machines - Safety - Part 1: General requirements | SRPS EN ISO 4254-1:2016 |
| Agricultural machines - Safety - Part 12: Rotary disc and drum mowers and hammer mowers | SRSP ENISO 4254-12:2013 |
| Hydraulic power transmission systems - general rules and requirements for the safety of systems and their components | SRPS EN ISO 4413:2011 |
| Agricultural machines - self-propelled agricultural machines, mounted, semi-mounted and towed machines. General safety requirements | EN 1553:2000 |
| Acoustics - noise emitted by machines and equipment - determination of sound pressure levels of emissions at a workplace and other specified positions in an approximately free field above the reflection plane, with slight environment corrections. | SRPS EN ISO 11201:2014 |

In Boljevac,

02.07.2018.

Signature of responsible person:

Branislav Rajic, BA in Mech. Engin. Verified by round, official seal

LIST OF SPARE PARTS

- Instructions for ordering spare parts -

- For ordering spare parts or components please contact the Sales Department spare parts.
- Additional equipment or accessories, whose identification number starts with 1, as well as instructions for installation and use, must be ordered from the selling machines department.

The existing images on the following pages present the mechanical parts that are marked by numbers. The text by each image provides the following information: number of the mechanical part, its identification number, the quantity within the rotary mower and, where applicable, dimension, standard or required torque. This spare parts list is made for the mower and so be careful when ordering parts to order them for the rotary mower you own. Pay attention to additional marks on the sheets.

To avoid misunderstandings and errors in delivery, when ordering spare parts, please, specify the following:

- Code and number of the tool (batch, №)
- Number and name of spare part (identify in this list)
- Preferred delivery method (regular mail, post express, etc.)
- Full address of the orderer (with zip code)

Your tool contains the plate (as presented on the image) with the imprinted batch and serial number.

Warranty cases and other issues cannot be solved without information about the batch and serial number. Please enter these numbers here in the original immediately upon delivery of the tool.



ADOPTED SYMBOLS FOR ABBREVIATED MARKING

| DNO | Optional equipment |
|-----|-------------------------|
| : | For |
| <> | Except |
| > | From to |
| Zam | Replaces |
| Ø | Diameter |
| > < | Strength (thickness) |
| T1N | For vineyard tractors |
| T1 | For tractors category 1 |
| T2 | For tractors category 2 |
| T3 | For tractors category 3 |
| | |
| | |

| Q | Number of pieces (quantity) as needed | | | | |
|--------------------------|---------------------------------------|--|--|--|--|
| * | See Remark | | | | |
| \square | Movement direction | | | | |
| $\langle \gamma \rangle$ | Rotation direction | | | | |
| | Package of parts and components | | | | |
| ZA | Replaced by one or more parts | | | | |
| D.P | Washer thickness | | | | |
| DPS | Washer thickness to reduce clearance | | | | |
| | | | | | |
| | | | | | |

FPM AGROMEHANIKA BOLJEVAC



Figure 1 (4 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|---|------------|--------|----------|
| 1 | WASHER A 10 | 021.20.001 | 2493 | 11 |
| 2 | SCREW M 10X25 | 020.00.002 | 60010 | 10 |
| 3 | SWIVEL BRACKET- Z.S. | 627.14.625 | 24697 | 1 |
| 4 | SCREW M 10X75 | 020.00.001 | 10180 | 3 |
| 5 | SCREW M 10X20-6G | 020.00.002 | 60157 | 5 |
| 6 | SCREW M 10X45-6G | 020.00.004 | 27069 | 2 |
| 7 | ANGULAR FRAME BRACKET | 627.14.545 | 24438 | 3 |
| 8 | NUT M10-6H | 020.06.011 | 2208 | 20 |
| 9 | WASHER 10 | 021.20.004 | 23240 | 2 |
| 10 | TARPAULIN BRACKET | 627.14.566 | 24436 | 1 |
| 11 | SWIVEL BRACKET - Z.S. | 627.14.630 | 24700 | 2 |
| 12 | FRONT FRAME - Z.S. | 627.14.530 | 24424 | 1 |
| 13 | PROTECTIVE FRAME | 627.14.460 | 24426 | 1 |
| 14 | SAFETY CATCH-R | 575.74.001 | 17201 | 1 |
| 15 | REAR FRAME - Z.S. | 627.14.535 | 24422 | 1 |
| 16 | TOW BAR FOR COMER. 4 & 5 DISCS | 627.16.588 | 54758 | 1 |
| 17 | PIN 8 X 50 | 021.10.017 | 5344 | 2 |
| 18 | SERRATED RING SCREW M12X35 | 627.14.546 | 24570 | 4 |
| 19 | PIN 5 X 30 | 021.10.017 | 5250 | 10 |
| 20 | HYDRAULIC-CYLINDER CONNECTION PIPE - Z.S. | 627.12.144 | 6106 | 1 |
| 21 | HYDRAULIC CYLINDER FORK - Z.S. | 627.13.333 | 4962 | 1 |
| 22 | SMALL HEAD PIVOT | 627.17.493 | 93154 | 2 |

Table 1 (Figure 1, 4 discs)



Figure 1b (5 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|---|------------|--------|----------|
| 1 | NUT M10-6H | 020.06.011 | 2208 | 25 |
| 2 | SCREW M 10X30 | 020.00.002 | 60009 | 6 |
| 3 | SWIVEL BRACKET- Z.S. | 627.14.625 | 24697 | 1 |
| 4 | SCREW M 10X75 | 020.00.001 | 10180 | 3 |
| 5 | SCREW M 10X25 | 020.00.002 | 60010 | 13 |
| 6 | ANGULAR FRAME BRACKET | 627.14.545 | 24438 | 3 |
| 7 | WASHER 10 | 021.20.004 | 23240 | 19 |
| 8 | TARPAULIN BRACKET | 627.14.566 | 24436 | 1 |
| 9 | SWIVEL BRACKET - Z.S. | 627.14.630 | 24700 | 2 |
| 10 | FRONT FRAME - Z.S. | 627.14.610 | 26497 | 1 |
| 11 | REAR FRAME - Z.S. | 627.14.616 | 26495 | 1 |
| 12 | SAFETY CATCH-R 575.74.001>38087 | 575.74.001 | 17201 | 1 |
| 13 | TOW BAR FOR COMER. 4 & 5 DISCS | 627.16.588 | 54758 | 1 |
| 14 | PIN 8 X 50 | 021.10.017 | 5344 | 3 |
| 15 | SERRATED RING SCREW M12X35 | 627.14.546 | 24570 | 4 |
| 16 | PIN 5 X 30 | 021.10.017 | 5250 | 10 |
| 17 | SMALL HEAD PIVOT | 627.17.493 | 93154 | 2 |
| 18 | HYDRAULIC CYLINDER FORK - Z.S. | 627.13.333 | 4962 | 1 |
| 19 | HYDRAULIC-CYLINDER CONNECTION PIPE - Z.S. | 627.12.144 | 6106 | 1 |

Figure 1b (Figure 1b, 5 discs)



Figure 1c (6 discs)

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| No. | Name | Mark | Ident. | Quantity |
|-----|---|------------|--------|----------|
| 1 | PROTECTIVE SHEET | 627.14.687 | 25031 | 1 |
| 2 | SCREW M 10X75 | 020.00.001 | 10180 | 4 |
| 3 | NUT M10-6H | 020.06.011 | 2208 | 30 |
| 4 | SCREW M 10X25 | 020.00.002 | 60010 | 16 |
| 5 | SCREW M 10X30 | 020.00.002 | 60009 | 8 |
| 6 | REAR FRAME - Z.S. | 627.14.617 | 25017 | 1 |
| 7 | SWIVEL BRACKET- Z.S. | 627.14.625 | 24697 | 1 |
| 8 | SERRATED RING SCREW M10X25 | 627.14.778 | 25600 | 2 |
| 9 | FRONT FRAME - Z.S. | 627.14.620 | 25015 | 1 |
| 10 | WASHER B12 | 021.22.005 | 72 | 3 |
| 11 | SCREW M 12X50 | 020.00.001 | 5462 | 2 |
| 12 | NUT M1 20-6H | 020.06.010 | 62 | 3 |
| 13 | PROTECTIVE FRAME – Z.S. 6 DISCS | 627.17.080 | 61896 | 1 |
| 14 | SAFETY CATCH-R | 575.74.001 | 17201 | 1 |
| 15 | TOW BAR FOR COMER. 6, 7, 8 DISCS | 627.15.301 | 38697 | 1 |
| 16 | PIN 8 X 50 | 021.10.017 | 5344 | 3 |
| 17 | SERRATED RING SCREW M12X35 | 627.14.546 | 24570 | 4 |
| 18 | PIN 5 X 30 | 021.10.017 | 5250 | 10 |
| 19 | SMALL HEAD PIVOT | 627.17.493 | 93154 | 2 |
| 20 | HYDRAULIC CYLINDER FORK - Z.S. | 627.13.333 | 4962 | 1 |
| 21 | HYDRAULIC-CYLINDER CONNECTION PIPE - Z.S. | 627.12.144 | 6106 | 1 |

Table 1c (Figure 1c, 6 discs)



Figure 2 (4 / 5 discs)
| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------------------|------------|--------|----------|
| 1 | NUT M 8-6H | 020.06.011 | 2444 | 2 |
| 2 | GRASS ROUTER | 627.14.577 | 24437 | 1 |
| 3 | SCREW M8X50-6g | 020.00.029 | 5501 | 1 |
| 4 | SCREW M8X30 | 020.00.029 | 13033 | 1 |
| 5 | GRASS ROUTER BRACKET | 627.14.661 | 24934 | 1 |
| 6 | CUTTING BOARD RH - Z.S. | 627.14.440 | 24402 | 1 |
| 7 | CUTTING BOARD CONNECTING SCREW | 627.16.478 | 51039 | 1 |
| 8 | WASHER B12 | 021.22.005 | 72 | 2 |
| 9 | NUT M12-6H | 020.06.010 | 62 | 2 |
| 10 | CUTTING BOARD BRACKET-COMER | 627.14.935 | 49599 | 1 |

Table 2 (Figure 2, 4 / 5 discs)



Figure 2b (6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------------------|-------------|--------|----------|
| 1 | GRASS ROUTER | 627.14.577 | 24437 | 1 |
| 2 | CUTTING BOARD RH - Z.S. | 627.14.440 | 24402 | 1 |
| 3 | NUT M 8-6H | 020.06.011 | 2444 | 2 |
| 4 | SCREW M8X50-6g | 020.00.029 | 5501 | 1 |
| 5 | SCREW M8X30 | 020.00.029 | 13033 | 1 |
| 6 | GRASS ROUTER BRACKET | 627.14.661 | 24934 | 1 |
| 7 | WASHER B12 | .021.22.005 | 72 | 3 |
| 8 | NUT M12-6H | 020.06.010 | 62 | 3 |
| 9 | CUTTING BOARD BRACKET-COMER | 627.14.935 | 49599 | 1 |
| 10 | CUTTING BOARD CONNECTING SCREW | 627.16.478 | 51039 | 1 |
| 11 | SCREW M12X50 | 020.00.001 | 5462 | 2 |
| 12 | SCREW M10X30-6g | 020.00.006 | 4794 | 2 |
| 13 | BOTTOM HOLDER | 627.16.599 | 55459 | 1 |
| 14 | WASHER A10 | 021.00.001 | 10679 | 2 |

Table 2b (Figure 2b, 6 discs)



Figure 3 (4 discs)

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| No. | Name | Mark | Ident. | Quantity |
|-----|------------------------------------|------------|--------|----------|
| 1 | NUT M18 | 020.06.011 | 63421 | 4 |
| 2 | PLATE WASHER A40X20.4X2.25 | 627.14.524 | 24562 | 4 |
| 3 | PTO BRACKET | 627.14.446 | 24524 | 4 |
| 4 | BALL BEARING 62X30X16 SKF 6206 2RS | 627.14.787 | 25609 | 4 |
| 5 | GASKET 40X52X7 | 627.14.611 | 24540 | 4 |
| 6 | SPACER RING | 627.14.514 | 24526 | 4 |
| 7 | BEARING 6306 30X72X19 | 627.14.594 | 24523 | 4 |
| 8 | SEALING RING 30X2 | 627.14.528 | 24527 | 4 |
| 9 | RING 83X3 | 627.14.504 | 24530 | 4 |
| 10 | UPPER BEARING BRACKET | 627.17.231 | 64607 | 8 |
| 11 | ADJUSTABLE SEALING WASHER | 627.14.488 | 024511 | 8 |
| 12 | SEALING RING 52.3X2.4 | 627.17.233 | 64594 | 8 |
| 13 | ZEGER RING-INNER 75x1.6 | 627.14.549 | 24520 | 16 |
| 14 | BEARING 45X75X23 | 022.32.013 | 24519 | 8 |
| 15 | LOW CYLINDER HEAD SCREW M20X1.5X30 | 627.14.508 | 24537 | 8 |
| 16 | LEVELING WASHER | 627.14.506 | 24512 | 8 |
| 17 | BOTTOM BEARING BRACKET | 627.17.232 | 64608 | 8 |
| 18 | MOWING DISC GEAR-Z=34 RH | 627.14.519 | 24535 | 2 |
| 19 | INTERMEDIATE GEAR LH Z=45 | 627.14.518 | 24534 | 3 |
| 20 | MOWING DISC GEAR-Z=34 LH | 627.14.513 | 24521 | 2 |
| 21 | INTERMEDIATE GEAR RH | 627.14.517 | 24532 | 3 |
| 22 | INTERMEDIATE GEAR RH Z=33 | 627.14.466 | 24518 | 1 |
| 23 | INTERMEDIATE GEAR RH | 627.14.464 | 24516 | 1 |

Table 3 (Figure 3, 4 discs)



Figure 3b (5 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--|------------|--------|----------|
| 1 | NUT M18 | 020.06.011 | 63421 | 5 |
| 2 | PLATE WASHER A40X20.4X2.25 | 627.14.524 | 24562 | 5 |
| 3 | PTO BRACKET | 627.14.446 | 24524 | 5 |
| 4 | BALL BEARING 62X30X16 SKF 6206 2RS | 627.14.787 | 25609 | 5 |
| 5 | GASKET 40X52X7 | 627.14.611 | 24540 | 5 |
| 6 | SPACER RING | 627.14.514 | 24526 | 5 |
| 7 | BEARING 6306 30X72X19 | 627.14.594 | 24523 | 5 |
| 8 | SEALING RING 30X2 | 627.14.528 | 24527 | 5 |
| 9 | RING 83X3 | 627.14.504 | 24530 | 5 |
| 10 | SEALING RING 14.3X2.4 | 627.14.527 | 24529 | 20 |
| 11 | UPPER BEARING BRACKET | 627.17.231 | 64607 | 11 |
| 12 | ADJUSTABLE SEALING WASHER | 627.14.488 | 24511 | 11 |
| 13 | ZEGER RING-INNER 75x1.6 | 627.14.549 | 24520 | 22 |
| 14 | LEVELING BEARING | 627.14.506 | 24512 | 11 |
| 15 | SEALING RING 52.3x2.4 | 627.17.233 | 64594 | 11 |
| 16 | LOW CYLINDER HEAD SCREW M20X1.5X30 | 627.15.508 | 24537 | 11 |
| 17 | BEARING GB-10721-S03 627.14.548 - 45X75X23 | 022.32.013 | 24519 | 11 |
| 19 | BOTTOM BEARING BRACKET | 627.17.232 | 64608 | 11 |
| 20 | SERRATED RING SCREW M10X15 | 627.14.461 | 24531 | 20 |
| 21 | MOWING DISC GEAR-Z=34 RH | 627.14.519 | 24535 | 2 |
| 22 | INTERMEDIATE GEAR LH Z=45 | 627.14.518 | 24534 | 3 |
| 23 | MOWING DISC GEAR-Z=34 LH | 627.14.513 | 24521 | 3 |
| 24 | INTERMEDIATE GEAR RH | 627.14.517 | 24532 | 3 |
| 25 | INTERMEDIATE GEAR RH Z=33 | 627.14.466 | 24518 | 3 |
| 26 | INTERMEDIATE GEAR LH | 627.14.464 | 24516 | 2 |

Table 3b (Figure 3b, 5 discs)



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| No. | Name | Mark | Ident. | Quantity |
|-----|--|------------|--------|----------|
| 1 | NUT M18 | 020.06.011 | 63421 | 6 |
| 2 | PLATE WASHER A40X20.4X2.25 | 627.14.524 | 24562 | 6 |
| 3 | PTO BRACKET | 627.14.446 | 24524 | 6 |
| 4 | BEARING 6206 30X62X16 | 022.31.001 | 25609 | 6 |
| 5 | GASKET 40X52X7 | 627.14.611 | 24540 | 6 |
| 6 | SPACER RING | 627.14.514 | 24526 | 6 |
| 7 | BEARING 6306 30X72X19 | 627.14.594 | 24523 | 6 |
| 8 | RING 83X3 | 627.14.504 | 24530 | 6 |
| 9 | SEALING RING 30X2 | 627.14.528 | 24527 | 6 |
| 10 | SEALING RING 14.3X2.4 | 627.14.527 | 24529 | 24 |
| 11 | SEALING RING 52.3X2.4 | 627.17.233 | 64594 | 12 |
| 12 | ZEGER RING-INNER 75x1.6 | 627.14.549 | 24520 | 24 |
| 13 | UPPER BEARING BRACKET | 627.14.231 | 64607 | 12 |
| 14 | BEARING GB-10721-S03 627.14.548 - 45X75X23 | 022.32.013 | 24519 | 12 |
| 15 | LOW CYLINDER HEAD SCREW M20X1.5X30 | 627.15.508 | 24537 | 12 |
| 16 | ADJUSTABLE SEALING WASHER | 627.14.488 | 24511 | 12 |
| 17 | LEVELING BEARING | 627.14.506 | 24512 | 12 |
| 18 | BOTTOM BEARING BRACKET | 627.17.232 | 64608 | 12 |
| 19 | SEALING RING 52.3X2.4 | 627.17.233 | 64594 | 24 |
| 20 | SERRATED RING SCREW M10X15 | 627.14.461 | 24531 | 24 |
| 21 | MOWING DISC GEAR-Z=34 RH | 627.14.519 | 24535 | 3 |
| 22 | INTERMEDIATE GEAR LH Z=45 | 627.14.518 | 24534 | 5 |
| 23 | INTERMEDIATE GEAR RH | 627.14.517 | 24532 | 5 |
| 24 | MOWING DISC GEAR-Z=34 LH | 627.14.513 | 24521 | 3 |

Table 3c (Figure 3c, 6 discs)



Figure 4 (4 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--|------------|--------|----------|
| 1 | CUTTING BLADE LH | 627.14.675 | 38406 | 4 |
| 2 | CUTTING BLADE NUT M10-6H | 627.14.676 | 39463 | 8 |
| 3 | TRACK WIDTH SHAPER - Z.S. | 627.14.420 | 92076 | 1 |
| 4 | TRACK WIDTH COVER | 627.14.470 | 24563 | 1 |
| 5 | BLADE BRACKET | 627.14.523 | 24460 | 8 |
| 6 | SCREW M10X30 627 16 988 DCRT 320 | 000.00.000 | 60443 | 4 |
| 7 | SCREW M10X19-DCRT 320 | 627.16.987 | 60444 | 16 |
| 8 | SCREWS M10X52 627 16 989 DCRT 320 | 000.00.000 | 60445 | 4 |
| 9 | NUT M10-UNI 5587/ISO4033 | 627.16.983 | 60455 | 47 |
| 10 | ADJUSTABLE SCREW M10X22 | 627.17.071 | 61268 | 8 |
| 11 | PROTECTOR - Z.S. | 627.16.975 | 60291 | 3 |
| 12 | MOWING DISC Z.S. | 627.14.415 | 24447 | 3+1 |
| 13 | CUTTING BLADE RH | 627.14.674 | 38405 | 4 |
| 14 | ADJUSTABLE SCREW M10X34 | 627.17.072 | 61269 | 15 |
| 15 | UPPER PART OF HOUSING - 4 DISCS - Z.S. | 627.17.272 | 64677 | 1 |
| 16 | BOTTOM PART OF HOUSING - Z.S 4 DISCS | 627.17.051 | 60664 | 1 |
| 17 | FIRST PROTECTOR - Z.S. | 627.16.980 | 60293 | 1 |

Table 4 (Figure 4, 4 discs)



Figure 4b (5 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------------------------|------------|--------|----------|
| 1 | CUTTING BLADE RH | 627.14.674 | 38405 | 4 |
| 2 | CUTTING BLADE NUT M10-6H | 627.14.676 | 39463 | 10 |
| 3 | TRACK WIDTH SHAPER - Z.S. | 627.14.420 | 92076 | 1 |
| 4 | TRACK WIDTH COVER | 627.14.470 | 24563 | 1 |
| 5 | BLADE BRACKET | 627.14.523 | 24460 | 10 |
| 6 | NUT M10-UNI 5587/ISO4033 | 627.16.983 | 60455 | 57 |
| 7 | SCREW M10X19-DCRT 320 | 627.16.987 | 60444 | 19 |
| 8 | DISTANT PROTECTIVE SLEEVE | 627.16.982 | 60298 | 1 |
| 9 | SCREWS M10X52 627 16 989 DCRT 320 | 000.00.000 | 60445 | 5 |
| 10 | ADJUSTABLE SCREW M10X34 | 627.17.072 | 61269 | 17 |
| 11 | PROTECTOR - Z.S. | 627.16.975 | 60291 | 4 |
| 12 | MOWING DISC - Z.S. | 627.14.415 | 24447 | 4+1 |
| 13 | UPPER PART OF HOUSING - Z.S 5 DISCS | 627.17.384 | 91292 | 1 |
| 14 | BOTTOM PART OF HOUSING - Z.S 5 DISCS | 627.17.383 | 91284 | 1 |
| 15 | FIRST PROTECTOR - Z.S. | 627.16.980 | 60293 | 1 |

Table 4b (Figure 4b, 5 discs)



Figure 4c (6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------------------------|------------|--------|----------|
| 1 | TRACK WIDTH COVER | 627.14.470 | 24563 | 2 |
| 2 | CUTTING BLADE NUT M10-6H | 627.14.676 | 39463 | 12 |
| 3 | CUTTING BLADE LH | 627.14.675 | 38406 | 6 |
| 4 | BLADE BRACKET | 627.14.523 | 24460 | 12 |
| 5 | SCREW M10X19-DCRT 320 | 627.16.987 | 60444 | 26 |
| 6 | DISTANT PROTECTIVE SLEEVE-COMER | 627.16.982 | 60298 | 2 |
| 7 | TRACK WIDTH SHAPER - Z.S. | 627.14.425 | 92077 | 1 |
| 8 | SCREW M10X30 627 16 988 DCRT 320 | 000.00.000 | 60443 | 28 |
| 9 | SERRATED RING SCREW M10X22 | 627.14.468 | 24500 | 12 |
| 10 | NUT M10-UNI 5587/ISO4033 | 627.16.983 | 60455 | 76 |
| 11 | CUTTING BLADE RH | 627.14.674 | 38405 | 6 |
| 12 | MOWING DISC - Z.S. | 627.14.415 | 24447 | 4+2 |
| 13 | TRACK WIDTH SHAPER - Z.S. | 627.14.420 | 92076 | 1 |
| 14 | REAR REINFORCEMENT - Z.S 6 DISCS | 627.17.088 | 62031 | 1 |
| 15 | PROTECTOR COVER - COMER | 627.16.975 | 60291 | 5 |
| 16 | FIRST PROTECTOR - Z.S. | 627.16.980 | 60293 | 1 |
| 17 | BOTTOM PART OF HOUSING - Z.S 6 DISCS | 627.17.269 | 64674 | 1 |

Table 4c (Figure 4c, 6 discs)



Figure 5 (4 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|-----------------------------|------------|--------|----------|
| 1 | CUTTING BOAR - LH | 627.14.435 | 24571 | 1 |
| 2 | MULTIPLICATOR - M.S. | 627.17.065 | 61193 | 1 |
| 3 | SCREW M10x20-6h | 020.00.002 | 60157 | 5 |
| 4 | FRONT BRACKET | 627.14.559 | 24573 | 1 |
| 5 | WASHER A10 | 021.20.001 | - | 11 |
| 6 | NUT M10-6H | 020.06.011 | 2208 | 20 |
| 7 | MIDDLE BRACKET | 627.15.054 | 26555 | 1 |
| 8 | NUT M12 | 020.06.011 | 4671 | 8 |
| 9 | SERRATED RING SCREW M10X22 | 627.14.468 | 24500 | 12 |
| 10 | SERRATED RING SCREW M10X20 | 627.14.612 | 24580 | 2 |
| 11 | SCREW M1X60 | 020.00.001 | - | 8 |
| 12 | SERRATED RING SCREW M10X15 | 627.14.461 | 24531 | 18 |
| 13 | SLIDER – ZA.S – KUHN-COMER | 627.17.055 | 61788 | 1 |
| 14 | FRONT PROFILE REINFORCEMENT | 627.17.063 | 61232 | 1 |
| 15 | SIDE PROFILE REINFORCEMENT | 627.17.067 | 61233 | 1 |
| 16 | SCREW M8 x 25 | 020.00.006 | - | 4 |
| 17 | NUT M 8-6H | 020.06.010 | - | 4 |
| 18 | WASHER A8 | 021.22.005 | | 4 |
| 19 | REAR BRACKET | 627.14.558 | 24575 | 1 |

Table 5 (Figure 5, 4 discs)



Figure 5b (5 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------------------------|------------|--------|----------|
| 1 | CUTTING BOARD - LH | 627.14.435 | 24571 | 1 |
| 2 | MULTIPLICATOR - M.S. 5 & 6 DISCS | 627.17.070 | 61785 | 1 |
| 3 | SERRATED RING SCREW M10X22 | 627.14.468 | | |
| 4 | SCREW M12-JUSM.B1.622 | 020.06.011 | | |
| 5 | NUT 10X12 DIN 1481 | 021.10.017 | | |
| 6 | SCREW M10X30 | 000.00.000 | | |
| 7 | MIDDLE BRACKET | 627.15.054 | 26555 | 1 |
| 8 | SCREW M10x20-6g | 020.00.002 | 60157 | 5 |
| 9 | WASHER A10 | 021.20.001 | 2493 | 5 |
| 10 | NUT M10X6H | 020.06.011 | 2208 | 25 |
| 11 | FRONT BRACKET | 627.14.559 | 24573 | 1 |
| 12 | FRONT PROFILE REINFORCEMENT | 627.17.063 | 61232 | 1 |
| 13 | SCREW M12X60 | 020.00.001 | 12898 | 6 |
| 14 | SLIDER - ZA.S - KUHN-COMER 4/5 DISCS | 627.17.057 | 61786 | 1 |
| 15 | SCREW M8 x 25 | 020.00.006 | 46713 | 2 |
| 16 | WASHER A8 | 021.22.005 | | 2 |
| 17 | NUT M 8-6H | 020.06.010 | - | 2 |
| 18 | SIDE PROFILE REINFORCEMENT | 627.17.067 | 61233 | 1 |
| 19 | SCREW M12 x 50 | 020.00.001 | - | 2 |
| 20 | REAR BRACKET | 627.14.558 | 24575 | 1 |

Table 5b (Figure 5b, 5 discs)



Figure 5c (6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------------------------|------------|--------|----------|
| 1 | CUTTING BOARD - LH | 627.14.435 | 24571 | 1 |
| 2 | MULTIPLICATOR - M.S. (5 & 6 DISCS) | 627.17.070 | 61785 | 1 |
| 3 | MIDDLE BRACKET | 627.15.054 | 26555 | 1 |
| 4 | SCREW M10x 20-6g | 020.00.002 | - | 3 |
| 5 | WASHER A10 | 021.20.001 | - | 5 |
| 6 | NUT M10-6H | 020.06.011 | 2208 | 30 |
| 7 | PIN 10X12 DIN 1481 | 021.10.017 | 61738 | 2 |
| 8 | NUT M12-JUSM.B1622 | 020.06.011 | 4671 | 8 |
| 9 | FRONT PROFILE REINFORCEMENT | 627.17.063 | 61232 | 1 |
| 10 | FRONT BRACKET | 627.14.559 | 24573 | 1 |
| 11 | SLIDER - ZA.S - KUHN-COMER 4/5 DISCS | 627.17.091 | 62037 | 1 |
| 12 | SERRATED RING SCREW M10X15 | 627.14.461 | 24531 | 2 |
| 13 | SCREW M12X60 | 020.00.001 | - | 6 |
| 14 | SCREW M8 x 25 | 020.00.006 | - | 4 |
| 15 | NUT M 8-6H | 020.06.010 | - | 4 |
| 16 | SCREW M12 x 50 | 020.00.001 | - | 2 |
| 17 | REAR BRACKET | 627.14.558 | 24575 | 1 |
| 18 | SERRATED RING SCREW M10X20 | 627.14.612 | 24580 | 2 |
| 19 | DISTANT SLIDER SLEEVE | 627.16.697 | 57222 | 1 |

Table 5c (Figure 5c, 6 discs)



Figure 6 (4 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|---------------------------------|-------------|--------|----------|
| 1 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 2 | SCREW M14x1.5 | 627.13.416 | 5403 | 1 |
| 3 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 4 | LEVER PIVOT | 627.13.413 | 4972 | 1 |
| 5 | WASHER A10 | 021.20.001 | 2493 | 11 |
| 6 | NUT M10-6H | 020.06.011 | 2208 | 20 |
| 7 | PIN 5 X 30 | 021.10.017 | 5250 | 10 |
| 8 | PIVOT 20X11X80 | 021.10.004 | 11342 | 1 |
| 9 | BOTTOM PIVOT | 627.13.429 | 4946 | 1 |
| 10 | PIN 8X80 | 021.10.017 | 5330 | 1 |
| 11 | LOCKER | 627.13.367 | 4959 | 1 |
| 12 | PIN 4X40 | 021.10.017 | 5341 | 1 |
| 13 | PIN 6X45 | 021.10.017 | 5345 | 4 |
| 14 | BOTTOM FRAME BRACKET | 627.13.420 | 4944 | 1 |
| 15 | SLIDING SLEEVE | 627.14.553 | 24564 | 2 |
| 16 | CONNECTION FRAME BRACKET - Z.S. | 627.15.716 | 42854 | 1 |
| 17 | CHAIN TENSIONER | 627.12.838 | 6339 | 1 |
| 18 | TOGGLE PROTECTOR | 627.13.367 | 4959 | 1 |
| 19 | PIN 8X 50 | 021.10.017 | 5344 | 2 |
| 20 | CYLINDER PIVOT | 627.13.427 | 4971 | 1 |
| 21 | UPPER FRAME BRACKET | 627.13.419 | 4949 | 1 |
| 22 | PIN 16X55 | 0021.10.017 | 5331 | 2 |
| 23 | PIVOT | 627.13.428 | 4947 | |
| 24 | TOPLINK LOCKER | 627.10.683 | 374 | 1 |
| 25 | SUPPORT FRAME - Z.S. | 627.15.100 | 25389 | 1 |
| 26 | SPACER SLEEVE | 627.13.434 | 4973 | 1 |
| 27 | SLEEVE | 627.10.108 | 5724 | 2 |
| 28 | CHAIN SUPPORT - Z.S. | 627.13.430 | 4957 | 1 |
| 29 | FOOT - Z.S. | 627.13.365 | 4958 | 1 |

Table 6 (Figure 6, 4 discs)



Figure 6b (5 / 6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|---------------------------------|-------------|--------|----------|
| 1 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 2 | SCREW M14x1.5 | 627.13.416 | 5403 | 1 |
| 3 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 4 | LEVER PIVOT | 627.13.413 | 4972 | 1 |
| 5 | WASHER A10 | 021.20.001 | 2493 | 11 |
| 6 | NUT M10-6H | 020.06.011 | 2208 | 20 |
| 7 | PIN 5 X 30 | 021.10.017 | 5250 | 10 |
| 8 | PIVOT 20X11X80 | 021.10.004 | 11342 | 1 |
| 9 | BOTTOM PIVOT | 627.13.429 | 4946 | 1 |
| 10 | PIN 8X80 | 021.10.017 | 5330 | 1 |
| 11 | LOCKER | 627.13.367 | 4959 | 1 |
| 12 | PIN 4X40 | 021.10.017 | 5341 | 1 |
| 13 | PIN 6X45 | 021.10.017 | 5345 | 4 |
| 14 | BOTTOM FRAME BRACKET | 627.13.420 | 4944 | 1 |
| 15 | SLIDING SLEEVE | 627.14.553 | 24564 | 2 |
| 16 | CONNECTION FRAME BRACKET - Z.S. | 627.16.482 | 51058 | 1 |
| 17 | CHAIN TENSIONER | 627.12.838 | 6339 | 1 |
| 18 | TOGGLE PROTECTOR 12 mm | 611.20.010 | 23897 | 3 |
| 19 | PIN 8X 50 | 021.10.017 | 5344 | 2 |
| 20 | CYLINDER PIVOT | 627.13.427 | 4971 | 1 |
| 21 | UPPER FRAME BRACKET | 627.13.419 | 4949 | 1 |
| 22 | PIN 16X65 | 0021.10.017 | 5331 | 2 |
| 23 | PIVOT | 627.13.428 | 4947 | |
| 24 | TOPLINK LOCKER | 627.10.683 | 374 | 1 |
| 25 | SUPPORT FRAME - Z.S. | 627.15.100 | 25389 | 1 |
| 26 | SPACER SLEEVE | 627.13.434 | 4973 | 1 |
| 27 | SLEEVE | 627.10.108 | 5724 | 2 |
| 28 | CHAIN SUPPORT - Z.S. | 627.13.430 | 4957 | 1 |
| 29 | FOOT - Z.S. | 627.13.365 | 4958 | 1 |

Table 6b (Figure 6b, 6 discs)



Figure 7 (4 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|------------------------------|-------------|--------|----------|
| 1 | REAR PROTECTION PLATE - Z.S. | 627.15.785 | 42985 | 1 |
| 2 | CLIP - Z.S. | 627.15.778 | 43001 | 1 |
| 3 | V-BELT 17 X 2500 | 038.51.002 | 25981 | 3 |
| 4 | TRANSMISSION BELT | 627.15.042 | 26547 | 1 |
| 5 | NUT M10 | 020.06.016 | 13043 | 3 |
| 6 | SPACER | 627.15.779 | 42992 | 3 |
| 7 | DRIVE BELT | 627.10.534 | 5799 | 1 |
| 8 | FRONT PROTECTION PLATE | 627.15.783 | 42984 | 1 |
| 9 | PROTECTIVE PLATE INSET | 627.15.784 | 42988 | 1 |
| 10 | LUBRICATOR AM6 | 020.16.001 | 2392 | 1 |
| 11 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 12 | BENT TIGHTENING SCREW | 627.15.769 | 43152 | 1 |
| 13 | BEARING | 022.31.001 | 25588 | 3 |
| 14 | RING 35 | 021.23.002 | 88 | 1 |
| 15 | PTO | 627.13.426 | 5067 | 1 |
| 16 | DRIVE PULLEY HOUSING | 627.13.423 | 5064 | 1 |
| 17 | SPACER SLEEVE - LONGER | 627.13.424 | 5066 | 1 |
| 18 | STIRRUP | 627.13.432 | 4952 | 1 |
| 19 | RING 72 | 021.23.005 | 4233 | 3 |
| 20 | SHAFT PROTECTOR | 627.13.437 | 4954 | 1 |
| 21 | WASHER A6 | 021.20.001 | 10568 | 4 |
| 22 | SCREW M6x16-6g | D020.00.001 | 42205 | 4 |
| 23 | PTO COVER | 627.15.130 | 37132 | 1 |

Table 7 (Figure 7, 4 discs)



Figure 7b (5 / 6 discs)

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| No. | Name | Mark | Ident. | Quantity |
|-----|------------------------------|-------------|--------|----------|
| 1 | REAR PROTECTION PLATE - Z.S. | 627.15.765 | 43166 | 1 |
| 2 | TRANSMISSION BELT | 627.14.429 | 25324 | 1 |
| 3 | SPACER | 627.15.779 | 42992 | 3 |
| 4 | CLIP - Z.S. | 627.15.778 | 43001 | 1 |
| 5 | V-BELT 627.15.224 | 038.51.002 | 13145 | 4 |
| 6 | DRIVE BELT | 627.14.432 | 25326 | 1 |
| 7 | FRONT PROTECTION PLATE | 627.15.768 | 43168 | 1 |
| 8 | BEARING 6207 | 022.31.001 | | 2 |
| 9 | PROTECTIVE PLATE INSET | 627.15.784 | 42988 | 1 |
| 10 | LUBRICATOR AM6 | 020.16.001 | 2392 | 1 |
| 11 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 12 | BENT TIGHTENING SCREW | 627.15.772 | 43169 | 1 |
| 13 | NUT M14-6H | 020.07.005 | 5329 | 5 |
| 14 | SPACER SLEEVE - LONGER | 627.13.424 | 5066 | 1 |
| 15 | РТО | 627.14.766 | 21230 | 1 |
| 16 | DRIVE PULLEY HOUSING | 627.13.423 | 5064 | 1 |
| 17 | STIRRUP | 627.13.432 | 4952 | 1 |
| 18 | RING 72 | 021.23.005 | 4233 | 3 |
| 19 | RING 35 | 021.23.002 | 88 | 1 |
| 20 | SHAFT PROTECTOR | 627.13.437 | 4954 | 1 |
| 21 | SCREW M6x16-6g | D020.00.001 | 42205 | 4 |
| 22 | WASHER A6 | 021.20.001 | 10568 | 4 |
| 23 | PTO COVER | 627.15.130 | 37132 | 1 |

Table 7b (Figure 7b, 6 discs)



Figure 8, (4 / 5 / 6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--------------------|------------|--------|----------|
| 1 | SLIDER BAR | 627.17.083 | 61894 | 1 |
| 2 | SLIDER - Z.S. | 627.13.335 | 5004 | 1 |
| 3 | SPRING SCREW | 627.13.347 | 5355 | 1 |
| 4 | NUT M16x1.5-6H | 020.06.011 | 5350 | 1 |
| 5 | SPRING SEAT | 627.12.011 | 6618 | 1 |
| 6 | SCREW STOPPER | 627.13.346 | 65375 | 1 |
| 7 | COMPRESSION SPRING | 020.50.001 | 7952 | 1 |
| 8 | BALANCE LEVER LOCK | 627.13.344 | 5012 | 1 |

Table 8 (Figure 8, 4 / 5 / 6 discs)



Figure 9 (4 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--|------------|--------|----------|
| 1 | SIDE COVER | 627.14.436 | 24497 | 1 |
| 2 | GASKET | 627.14.531 | 24496 | 2 |
| 3 | SPACER WASHER 91X103X0.5 | 627.17.362 | 91195 | 2 |
| 4 | SPACER WASHER 91X103X1.0 | 627.17.361 | 91194 | 2 |
| 5 | WEDGE A10X8X45 | 021.14.001 | 27021 | 1 |
| 6 | DISC GEAR | 627.14.441 | 24494 | 1 |
| 7 | MULTIPLICATOR HOUSING | 627.17.230 | 64659 | 1 |
| 8 | CONE PLUG | 627.14.445 | 24568 | 2 |
| 9 | BEARING 6207 627.14.773 | 022.31.001 | 25580 | 2 |
| 10 | SPACER PAD | 627.14.596 | 24499 | 4 |
| 11 | TRANSMISSION GEAR | 627.17.066 | 61192 | 1 |
| 12 | SPACER PAD | 810.03.003 | 2445 | 1 |
| 13 | BEARING 6207 RS 627.14.774 | 022.31.001 | 25588 | 3 |
| 14 | SEALING WITH A PROTECTIVE LIP 35X72X12 | 023.83.002 | 24492 | 1 |
| 15 | SPACER PAD | 810.03.004 | 2447 | 1 |
| 16 | RING 72 | 021.23.005 | 4233 | 3 |
| 17 | SEALING RING 35.2X2 | 023.82.002 | 24501 | 1 |
| 18 | SPACER SLEEVE | 627.14.678 | 25011 | 1 |
| 19 | SIDE COVER | 627.14.438 | 24503 | 1 |
| 20 | MULTIPLICATOR PTO | 627.14.481 | 24493 | 1 |

Table 9 (Figure 9, 4 discs)



Figure 9b (5 / 6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|--|------------|--------|----------|
| 1 | SIDE COVER | 627.14.436 | 24497 | 1 |
| 2 | GASKET | 627.14.531 | 24496 | 2 |
| 3 | SPACER WASHER 91X103X0.5 | 627.17.362 | 91195 | 2 |
| 4 | SPACER WASHER 0.1X56X72 | 627.14.596 | 24499 | 4 |
| 5 | BEARING 6207 627.14.773 | 022.31.001 | 25580 | 1 |
| 6 | DISC GEAR | 627.14.441 | 24494 | 1 |
| 7 | MULTIPLICATOR HOUSING | 627.17.230 | 64659 | 1 |
| 8 | CONE PLUG | 627.14.455 | 24568 | 2 |
| 9 | BEARING 6207 RS 627.14.774 | 022.31.001 | 25588 | 3 |
| 10 | SEALING RING 35.2X2 | 023.82.002 | 24501 | 1 |
| 11 | SPACER SLEEVE | 627.14.482 | 24502 | 1 |
| 12 | SIDE COVER | 627.14.438 | 24503 | 1 |
| 13 | SPACER WASHER 91X103X1.0 | 627.17.361 | 91194 | 2 |
| 14 | SPACER PAD 56X72X0.3 | 627.15.596 | 42076 | 2 |
| 15 | SPACER PAD 0.1x56x72 | 627.14.596 | 24499 | 4 |
| 16 | SEALING RING 44X62X10 | 023.83.002 | 24509 | 1 |
| 17 | MULTIPLICATOR PTO | 627.14.679 | 25010 | 1 |
| 18 | WEDGE A10X8X45 | 021.14.001 | 27021 | 1 |
| 19 | TRANSMISSION GEAR | 627.17.066 | 61192 | 1 |
| 20 | RING 40 | 021.23.002 | 013106 | 1 |
| 21 | BEARING 627 14 608 35X72X23 | 022.31.045 | 24508 | 1 |
| 22 | RING 72 | 021.23.005 | 4233 | 3 |
| 23 | BEARING 2208 40X80X23 | 022.31.005 | 24513 | 1 |
| 24 | SEALING WITH A PROTECTIVE LIP 35X72X12 | 023.83.002 | 24492 | 1 |
| 25 | RING 80 | 021.23.005 | 6324 | 1 |

Table 9b (Figure 9b, 6 discs)

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Figure 10 (4 / 5 / 6 discs)

| No. | Name | Mark | Ident. | Quantity |
|-----|-----------------------|------------|--------|----------|
| 1 | TOW BAR - Z.S. | 627.13.353 | 17327 | 1 |
| 2 | LEVER STOP | 627.13.357 | 5020 | 1 |
| 3 | PIN 5 X 30 | 021.10.017 | 5250 | 2 |
| 4 | LEVER | 627.13.354 | 4002 | 1 |
| 5 | LEVER PIN | 611.20.010 | 23897 | 1 |
| 6 | FLOATING LEVER - M.S. | 627.20.010 | 4970 | 1 |

Table 10 (Figure 10, 4 / 5 / 6 discs)



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 Sales department:
 030/463 455;
 030/463 356

 Service Department:
 030/463 619
 Export-import department:
 +381 (0) 30 463 531

 FAX:
 +381 (0) 30 463 777