

- Tillage
 - Haulage
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05-12-2023

FIELDKING

Square Baler



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➤ Operator Manual ➤ Part Catalogue

CONGRATULATIONS!

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

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

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

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

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

YOUR AUTHORIZED

FIELDKING DEALER

TERMS & CONDITIONS:

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

TO THE PURCHASER

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

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

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

CUSTOMER INFORMATION

Name _____

Purchased From _____

Date of Purchase _____

Model No. _____

Serial No. _____

PURCHASER / OPERATOR'S RESPONSIBILITY

1. Read and understand the information contained in this manual.
2. Operate, lubricate, assemble and maintain the equipment in accordance with all instructions and safety procedures in this manual.
3. Inspect the equipment and replace or repair any parts that are damaged or worn out which under continued operation would cause damage, wear to other parts, or cause a safety hazard.
4. Return the equipment or parts to the authorized “FIELDKING” dealer, from where it was purchased, for service or replacement of defective parts that are covered by warranty. (The “FIELDKING” Factory may inspect equipment or parts before warranty claims are honored.)
5. All costs incurred by the dealer for traveling to or transporting the equipment for warranty inspection and claims will be borne by the customer.

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1. GENERAL INFORMATION

1.1. General Description

It is quite difficult to move and stock mown as well as dried grass in the field, clover or the other plants usable as animal feed in the winter, stem or hay of cereals to the storage place. In order to make easier that, abovementioned products are carried by compressing and packing. Thus, straight shaped packets of grass can be stored up easily carrying smoothly without occupying too much place. In this manner, losses that can be during transportation and storing are reduced to minimal. Briefly, we name "bailing" to the process of packing and binding of grass, stem of cereals and hay. We call the machines performing this job "Mini Round Baler".

1.2. Intended Use

Mini Round Baler is equipped with rectangle bailing chamber. Agricultural bale substances like grass and hay are compressed as standard rectangle bales in the bale chamber. Stable bale chamber of Baler Machine can achieve compressing bales in size approximately 36 cm x 46 cm and the size of bales can be changed optionally. Bale makers is equipped with system of knotting. FIELDKING has two twines or robe system.

This baler has been designed for to be drawn by an agricultural tractor and set in motion by tail axle of tractor. This machine is being used to bale including alfalfa and combined stem/meadow on tilled land for agricultural usage, fodder products turned into barrels.

Baler makers have been designed only for standard agriculture.

Any different usage is not compatible with intended usage. Manufacturer is not responsible for a damage originating from improper, operator's own risk-based usage.

Usable bale substances: These are the grass-typed substances like herb, hay used for animal production. Disclaimer of warranty is not valid in case of usage in excluding purposes apart from this and improper products (such as corn, peanut, cane and bale of chaff).

1.3. Identification

The serial number of machine is at the right side of drawbar (Figure 2). Vehicle identification number is under of flywheel cover (Figure 1).

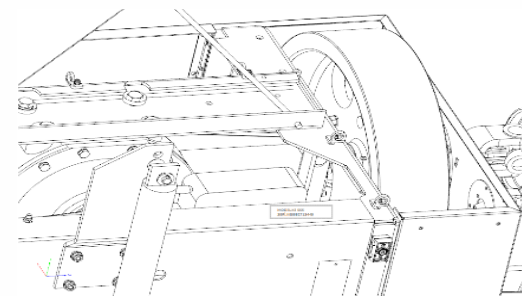


Figure 1: Vehicle Identification Number

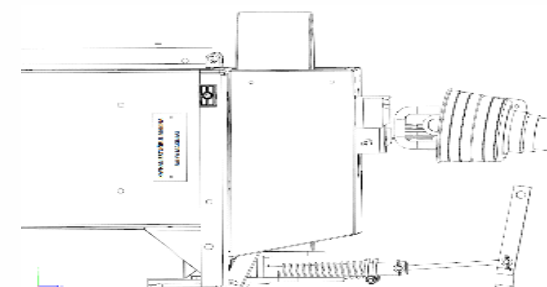


Figure 2: Serial Number of Machine

Every single equipment is equipped with an identification plate (Fig. 1) whose data shows:

1. Mark and address of the Manufacturer;
2. Designation of the machine;
3. Type of machine;
4. Serial number of the machine;
5. Max. unladen mass (kg);
6. Max. laden mass (kg);
7. Production year;
8. EC and EAC marking;
9. "Made in" and QR code;

It is advisable to transcribe your data on the serial number below shown on the date of purchase (10) and the name of the dealer (11).

10. _____
11. _____

These data should always be quoted for any need for service or spare parts.

ATTENTION

Do not remove, tamper with or make the CE mark affixed on the machine illegible.

Refer to the information provided on the CE mark for the manufacturer's contact details (e.g. for requesting spare parts, etc.).

When the machine is demolished, destroy the CE marking.

1.3.1. Required Information for Questions and Orders

Please do not forget to add type of machine, machine identifying number and year of production when asking questions or changing parts!

1.3.2. Operation Compatible with Intended Use

Baler makers have been designed only for standard agriculture. Any different usage is not compatible with intended usage.

Usable bale substances: These are the grass-typed substances like herb, hay used for animal production. Disclaimer of warranty is not valid in case of usage in excluding purposes apart from this and improper products (such as corn, peanut, cane and bale of chaff).

1.4. General Factors Regarding Environmental Science

Earth, air and water; indispensable components of agriculture and life generally. If bylaws doesn't get under control or fall short of refining chemical materials to the extent that advanced technology requires; people should have commonsense in using and disposing products derived from chemical and petrochemical materials.

- Earth, air and water; indispensable components of agriculture and life generally. If bylaws doesn't get under control or fall short of refining chemical materials to the extent that advanced technology requires; people should have commonsense in using and disposing products derived from chemical and petrochemical materials.

Some Helpful Hints

- Please avoid to fill the storages by using improper vessels or compressed air systems due to possibilities of pouring in large extents and liquid leakages.
 - As a general rule; please prevent all fuel, oil, acid solvents, etc. to touch to your skin. Most of those contain chemical substances that might be harmful to your health.
- Modern oilers contains additive agents. Please do not fire contaminated fuels or/and used oils on traditional heating systems; and do not release to the disposal of requirers on varied purposes.

Useful Suggestions

- Please determine what the relevant legislations are by inquiring.
- If no any legislation about waste management in effect, please get information related to effects of oils, filters, batteries, fuels, antifreezes, cleaning agents, etc... over people and environment and keeping, utilizing and dumping of those materials safely.
- Please avoid dumping of used radiator fluid, oils of engine, transmission and hydraulic, brake fluid and other fluids if any to the environment during pouring. Never mix used brake fluid or fuels with oilers. Please store those safely until you will find an appropriate way of dumping according to legislations or domestic regulations.

For example, modern radiator fluids as antifreeze and other additive agents must be changed biyearly. Amalgamating of those to soil must not be allowed, instead, those must be accumulated and dumped properly.

2. TECHNICAL INFORMATION

2.1. Tractor Requirements

- Vehicle driving is allowed only if bale chamber is empty.
- Maximum speed allowed: 20 km/h
- For the machines lacking of brake, light weight (tare) of tractor should comply with allowed specifications or at least it has to be comply with tare of bale.
- Please follow specified conditions for machines having operating permission.

Minimum Power Requirement	: 45 HP
Tail Shaft Period	: 540 1/max.
- Tail shaft period of tractor must not exceed 540 1/max. strictly.



Please provide each user of the machine to read this User and Service Manual carefully. Keep this booklet by you as a quick reference guide.

2.1. Technical Features of the Baler Machine

Technical Features are showed at Table 2.2.1.

NOTE: Our company reserves the right to change the sizes without informing in advance.

3. SAFETY

3.1. Determination of Safety Precautions in the User Guide

Before using the machine, this User Manual should be read definitely and safety rules should be obeyed.

It is assumed that customer read all the rules in User Manual of purchased machine.

3.2. Explanations of Safety and Accident Preventer Regulations.

Personal Safety

You will notice the warnings on this booklet, machine and stickers followed by specific guidance ("DANGER", "WARNING" & "CAUTION"). Those warnings are for personal security of both you and personnel working with you. Please allow time to read this warnings.

 The word "DANGER" indicates a danger situation that might end up with death or severe injury if not prevented. The relevant color linked with danger is red.

 The word "WARNING" indicates a potential danger situation that might end up with death or severe injury if not prevented. The relevant color linked with warning is orange.

 The word "CAUTION" indicates a potential danger situation that might end up with slight or severe injury if not prevented. The relevant color linked with warning is yellow.

As a result of not to pursue instructions following the words "DANGER", "WARNING" and "CAUTION" might end up with death or severe injury.

3.3. Warnings and Precautions

The best user is, the careful one. Most of the accidents can be prevented by taking significant precautions into consideration. Read the following warnings before using this equipment in order to help to prevent accidents. The equipments should only be used by responsible and trained persons.

Please review process on this User and Service Manual with all the users. It is important for all the users to learn safety warnings and follow them.



Security precautions on this booklet are marked by danger sign which may cause personal injuries in case of not being obeyed.

Explanations attached to the machine should be read, understood exactly and obeyed.

Most of agricultural equipment accidents can be prevented by taking a few safety precautions.

1. Please do not make any purification, lubrication or adjustment on baler machine during it or engine of tractor is working. Find out whether there are rounding parts by listening and observing.
2. Do not enable clutch unless you ensure everyone is away from the machine and no maintenance kit on the machine.
3. Do not work near the baler machine with loose-fitting dress that might squash to moving parts.
4. Do not try to take out hay from any section of baler machine running on.
5. Do not fuel reservoir of tractor that pulling baler machine while its engine is running.
6. Do not use baler machine unless all the bucklers are on the their places.
7. Do not allow anybody to stand over the baler machine.
8. Do not take down connection of baler machine while running.

Do not come near to the machine within at least one minute after stop the machine.

3.4. Qualification and Training of Personnel

People using baler machine, maintaining or fixing must be warned against to risks that they might confront during the operation of the machine and should be trained before these. Operator must take the responsibility and watch the personnel. If personnel are lacking of relevant information, at once they should be given required training and explanation. Operator has to ensure that this manual is completely understood by personnel.

Reparation not taking part in this booklet should only be made by the authorised services.

3.5. Failure on Practice of Safety Precautions

As long as not taking safety precautions carefully, there might be personal injuries and environmental dangers as well as damage on the machine. Not to implement safety precautions might lead to ignoring all the claims about damages.

For instance, such dangers may rise in case of not following the safety precautions:

- Risk to people with an error on protection of working area
- Becoming lost of significant features of the machine
- Failure on implementing suggested methods for repair and maintenance
- The risks that may arise due to mechanical and chemical effects.
- Environmental damage that may derive from hydraulic oil leakage

3.6. Secured and Conscious Working

- Please obey safety precautions on this guide, existing accident preventer regulations and any internal works, rules of operation and safety rules determined by operator.
- Accident preventer regulations of responsible professional connections complies with safety.
- Also, safety precautions provided by supplier of vehicle must be observed.
- It is necessary to obey applicable traffic rules on the roads that open to public.

3.7. Safety Precautions and Accident Preventer Regulations

1. Besides safety precautions on this guide, please obey all the applicable de facto safety and accident preventer regulations.
2. For a secured operation, warning and safety marks attached to the machines provide important information. Please pay attention these for your own security!
3. Please be careful to obey the traffic rules on public domains!
4. Be sure to know all the system as well as functions of the machine before working. It is too late to endeavour learning during operating of the machine!
5. Users should wear tight dresses. Please abstain from loose dresses!
6. Leave the dresses clean against to danger of fire.
7. Be sure that nobody is near the machine before running or moving the machine (be careful of children!). Please ensure that you have a wide sight.
8. Passenger transportation, operation and freight transportation are not allowed.
9. Please install devices to the machine properly! Install devices to only specified tool and protect them.
10. Install support tools to accurate places during mounting and demounting devices.

11. Please be very careful while mounting to or demounting from devices tractor!
12. Always install counter balance weights to indicated fixed locations properly.
13. Please observe allowed axle weight, grass weight and sizes of transportation.
14. Install and check transportation equipments such as lighting, warning devices and any protective gear!
15. Initialization mechanism (such as cables, chains, connections etc.) for remote control devices should be regulated so that no movement can set in motion during transportation or in working mode by mistake.
16. Please ensure that devices are in necessary condition for track and close them to indicated place of producer!
17. Never leave driver's seat empty while vehicle is running!
18. Please drive the vehicle on the right speed! Avoid rapid direction changes during driving at ramp, downhill or curved track!
19. Attached tools or driving of ballast weight affects steering wheel and reaction of the machine to brake. Please ensure that you are able to use brake and steering wheel as required.
20. Please consider drifting when rounding the corners and/or radius.
21. Initiate all the devices when all the protective tools put and installed to their proper locations!
22. Always keep working areas of the machine on!
23. Do not be located in the area that device is turning.
24. Operating sections (such as hydraulics, pick-up assembly) by external powers might cause crushing and cutting injuries!
25. Before leaving tractor, ground the devices, turn of the engine and take switch key!
26. Nobody must stay between tractor and baler machine without the safeguard of the vehicle remains top certainly!

3.7.1. Protection of Mechanical Systems

It is necessary to prevent to leave blockage or foreign substance by checking mechanical systems of the machine before and after running.

3.7.2. Processes of Linking Shaft

1. Use only tail shafts specified by producer.
2. Please ensure that shaft protective covers are in their places for tail shafts and un duty position on the working field.
3. Disconnect tail shaft after installing or demounting PTO shafts; turn the device off and eject switch key!

4. When PTO shafts are used with self-exciting couples unprotected by keeper on tractor or excessive weight safety, please hang excessive weight safety or self-exciting couples to section of device.
5. Please ensure that PTO shaft is installed and protected properly.
6. Add chains to inhibit rounding of PTO shaft protector with shaft.
7. Be sure that selected tractor speed of PTO shaft matches with allowed device speed before put on PTO shaft.
8. Feel certain nobody is in danger near the device before adding PTO shaft.
9. Never connect PTO shaft during engine is running.
10. If PTO shaft is running, nobody should be near of circle!
11. Always close down PTO shaft if it is unnecessary or the angle is too wide.
12. Warning! Engine flywheel will continue to turn round for a while after disconnection of PTO shaft. During this time, keep equipments clean! Do nothing to equipments till the machine stops completely and engine flywheel is secured by using handbrake!
13. Take off PTO shaft, stop the engine and eject switch key during connecting PTO shaft to driving tools or PTO without cleaning and greasing.
14. Insert disengaged PTO shaft to suggested support bracket.
15. After disengaging PTO shaft, add protective cover end of PTO shaft!
16. In case of any damage, please fix the malfunction at once before using the vehicle again!

3.7.3. Hydraulic System

1. Hydraulic system is compressive, please be careful.
2. Be sure that hydraulic hoses are connected properly when making connection hydraulic cylinders and engines.
3. Be sure that both tractor and vehicle hydraulic are not compressed while connecting hydraulic hoses to tractor hydraulic.
4. Connective muffs and cables should be taken into consideration for making certain a proper connection on hydraulic connections between tractor and vehicle. If connections are reversed, so the functions.
5. Please check hydraulic hoses periodically, change them if they are damaged or get exhausted. New hoses have to meet the basic requirements determined by producer of the vehicle.
6. Use suitable devices for avoiding risk of injuries while seeking leakage!
7. Leaking liquids (hydraulic oil) from high pressure might be harmful to skin and cause some serious injuries! Immediately get medical aid in case of an injury!

There can be a risk of infection!

3.7.4. Tyres

1. During working on tires, be sure that vehicle is lowered and protected against to danger of rolling! If it is on sloping place, prevent skidding of the machine by chocking wedge in front of tires on the sloping direction.
2. Mounting tires and wheels requires sufficient information and proper tools.
3. Works of reparation on tires and wheels should be done by specially trained people using proper installation devices.
4. Please control pressures of tires periodically, set the suggested pressure for them!

3.7.5. Maintenance

1. Be sure that engine and energy are off before any reparation, maintenance or cleaning!
 - Take off the switch key. Eject key of engine from contact and take along.
 - Take engine flywheel with hand braking.
2. Periodically check whether bolts and belts properly, screw if necessary.
3. During maintaining care to a tool at high, always take required precautions against danger of falling!
4. Use always proper gloves and tools while changing devices running with sharp edges!
5. Please dump oils, greases and filters according to regulations!
6. Always disconnect energiser before operating electrical system!
7. If protective devices and safeguards get eroded, check them regularly and alter with new ones timely.
8. By electrical welding to tractor and added tools, take alternator and cables of battery off!
9. Renewed sections should meet technical requirements marked by producer. This can only be done with actual spare parts of FIELDKING.

3.8. Unauthorised Modification and Producing Modified Parts

Modifications that will be made on the machine are only allowed with producer's approval. Genuine spare parts and supplement units supplied by producer ensure a safe usage.

3.9. Prohibited Forms of Operating

Machine's operation safety is valid only when it is utilized in accord with intended use in the section of General Information in the guide. Limiting values written in data tables should be never exceeded.

3.10. Introduction to the Machine

FIELDKING baler machine is equipped with all required safety tools. However, since the protectives and equipments will harm to functions and abilities of the machine, it is impossible to remove all potential dangers.

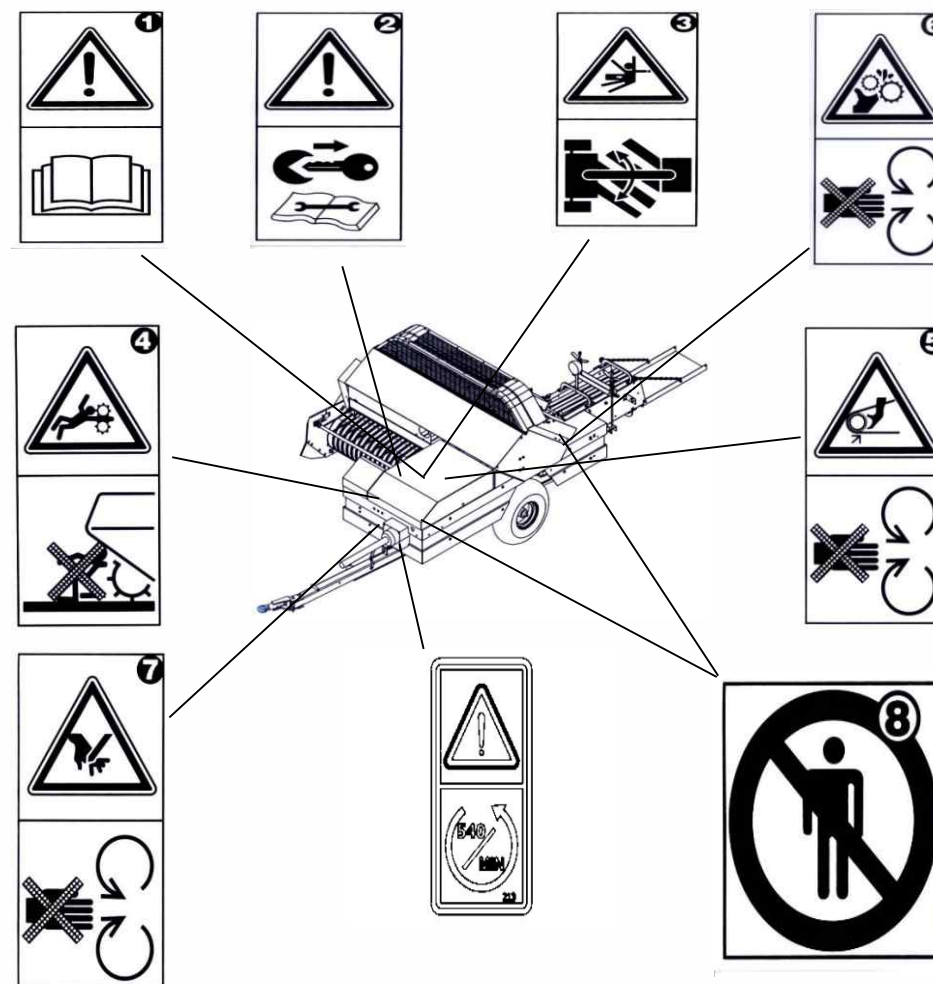
Convenient danger warnings on the machine advises against any danger!

⚠ Safety precautions are presented with illustrated diagrams. Significant information of safety marks about their locations and what they mean is indicated below!

3.11. Safety Warnings on the Machine

1. Pay attention, do not run machine without reading user guide.
2. Pay attention, while making reparation and maintenance; stop the tractor, turn the switch off and eject switch key.
3. Danger of being crushed; do not get into between tractor and machine while baler machine is running.
4. Pay attention; pick-up system might seize during the running of baler machine, keep away from it.
5. Pay attention; do not open safeguards of chains and gears while machine is running.
6. Pay attention; it may seize, do not take off and open safeguards of the machine.
7. Warning, Danger of cutting: Machine may seize your hands from a distance while running. Do not open safeguards and take off protectives.
8. Do not wait while machine is running near of it.
9. Cycle of tail shaft and direction of rotation.

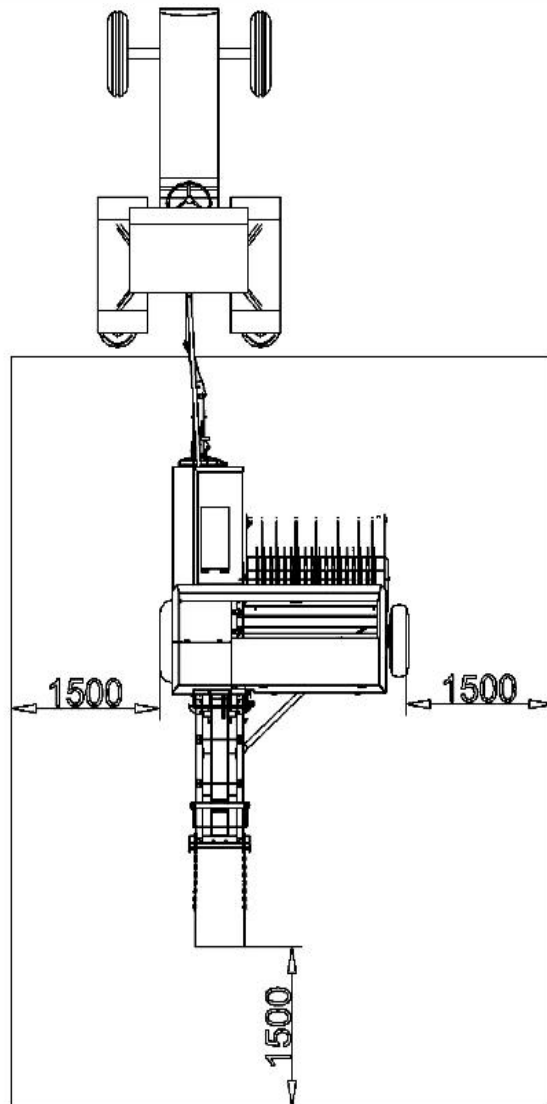
Figure 3.11.1: Safety Warnings on the Machine



3.12. Danger Area

Do not come closer to the machine more than distances indicated below Figure 3.12.1 while machine is running. Otherwise, you may cause serious working accidents.

Figure 3.12.1: Measurements of Danger Area



4. INSTRUCTIONS OF MACHINE OPERATING

4.1. Leading Operation

Before operating, baler machine should be completely assembled and connected to tractor.

If a different traction vehicle is used, those below are to be checked, adjusted and connected if necessary:

- Height of drawbolt
- Length of PTO shaft

Specific Safety Precautions

The other specific safety precautions are necessary for the baler machine as well as general safety precautions.



General safety precautions are in use for all the maintenance, pick-up, reparation and knotting:

- Immobilise the machine completely.
- Switch off the engine.
- Eject the switch key.
- Protect tractor and baler machine against to danger of tumbling. If track is sloped, chock the wedge in front of tires on the side of slope.

During operating, keep a proper spacing compatible with all pieces in motion of baler machine. This is especially valid for pick-up tool. Take off cables only when PTO is off and engine is immobile.

Turn engine off, eject switch key and disconnect 12 V supply!

In case of dangerous cases, immediately turn off PTO and immobilise baler machine.

Never permit running of baler machine if nobody is in tractor!

The baler machine can be operated at the speed of 540 r.p.m PTO.

4.1. Connecting of Tractor to Drawbar

Drawbar should be connected using proper pin. The diameter of coupling pin that will be used should be short 4 mm (maximum) than the hole. After making connection of drawbar, safety pin must be installed (Figure 4).



Figure 3: Draw Bar Coupling

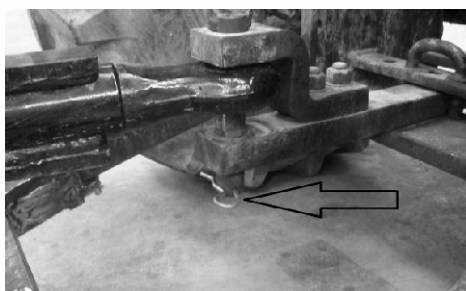


Figure 4: Draw Bar Pin Coupling

4.2. Connecting and Disconnecting Jack System

Jack on the drawbar is disengaged by turning counter-clockwise after the machine is connected to tractor (Figure 5). Set the jack in horizontal position by removing safety pin (Figure 6), Re-connecting safety pin, it is set to road position (Figure 7).

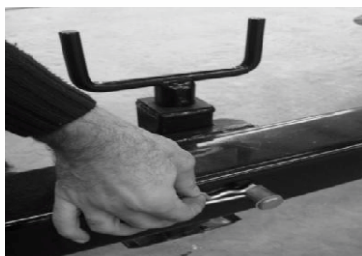


Figure 5: Lifting Jack

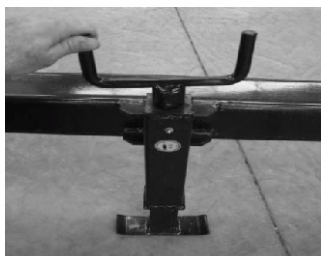


Figure 6: Setting jack to horizontal position



Figure 7: Jack safety pin

4.3. Setting The Machine from Road Position to On Duty Position

Firstly, chock a wedge on the right wheel (Figure 8). Pin is removed from its housing by pulling the crank keeping safety pin mounted on the road position to backwards (Figure 9). It is provided safety pin to couple housing in the on duty position by going back and forth.

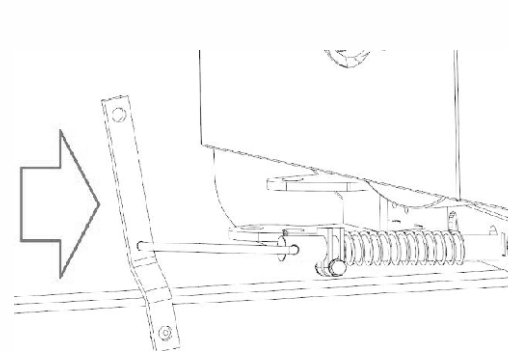


Figure 8: Machine on the road position

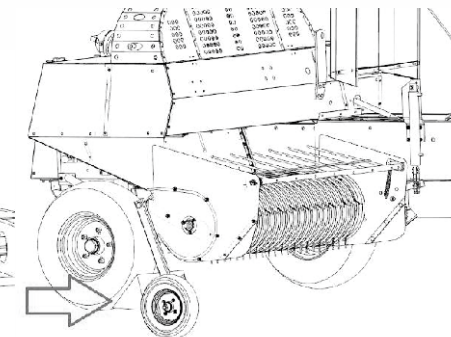


Figure 9: Taking safety pin off on the road position

4.4. Mounting of Shaft

During the connection of shaft, engine must be stopped and key of the machine is to be taken off.

1-) At first, fixed shaft is coupled to the machine (Figure 10). While mounting shafts, locking pins are pulled back (Figure 11). After mounting, locking pins are released and ensured to be fitted into place (a sound of click must be heard after mounting).

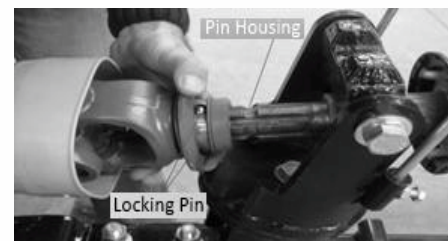


Figure 10: Connecting fixed shaft to the machine



Figure 11: Locking Pins of fixed shaft

2-) Connecting of fixed shaft to tractor (attention should be paid on locking pin to be fitted)

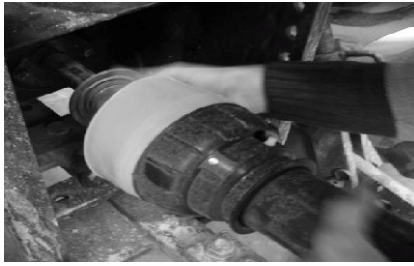


Figure 12: Connecting fixed shaft to tractor



Figure 13: Middle Hanger

In case of shaft middle hanger is not in the proper position, position of drawbar should be fixed appropriately. Otherwise, crashes occur during operation on shaft and middle hanger.

4.5. Fixing of Shaft Guards

After connections of shafts, shaft safeguard chains should be installed to proper places (Figure 14).

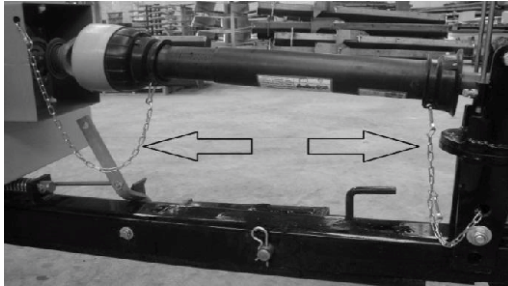


Figure 14: Fixing of shaft safeguards

4.6. Connection of Hydraulic Hoses

Male coupling of hydraulic hoses are connected to female couplings of tractor by taking off housing on the machine. During removing, clamp on female coupling is removed pushing forward. While mounting, it is ensured to fit into housing by pushing forward (Figure 15).



Figure 15: Connection of Hydraulic Hoses to Tractor

4.6. Connection of Hydraulic Hoses

Male coupling of hydraulic hoses are connected to female couplings of tractor by taking off housing on the machine. During removing, clamp on female coupling is removed pushing forward. While mounting, it is ensured to fit into housing by pushing forward (Figure 15).



Figure 15: Connection of Hydraulic Hoses to Tractor

4.7. Connection of Electrical System

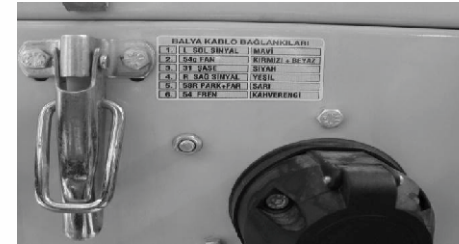


Figure 16: Power connection outlet



Figure 17: Electric connection cable

Plug-in tip of electrical connection given as spare part is installed to the machine. The other tip is connected to tractor according to Connection Diagram by authorised service in the direction of instructions.

4.8. Connection of Twines to the Machine Accurately

Twines are placed into twine chamber without melding, afterwards they thread from tension springs to the needles by reeving twine tightening tool. Twines are connected to attachment point at the first connection.

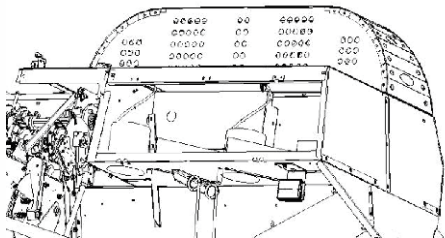


Figure 18

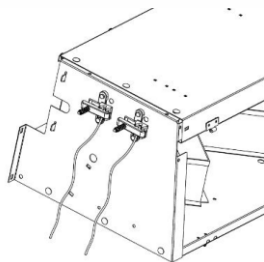


Figure 19

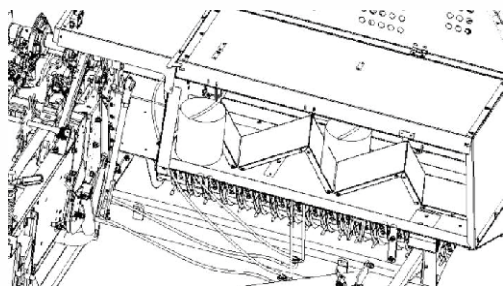


Figure 20

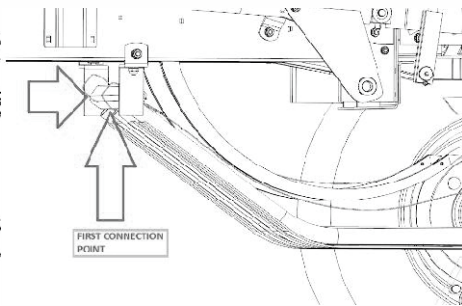


Figure 21

4.9. Adjusting of Support Wheels

Support wheel is set as 22-25 cm from the ground on a flat area (Figure 22).

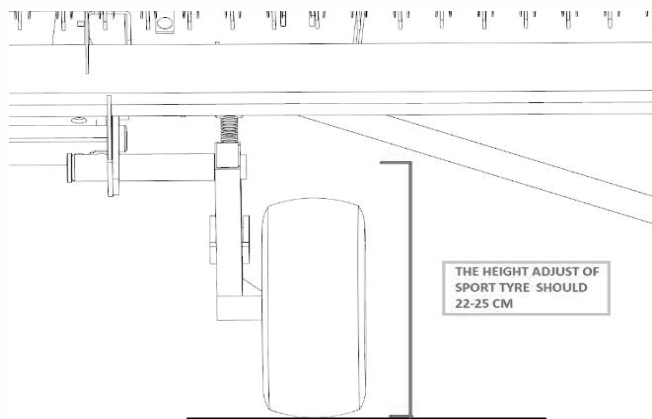


Figure 22: Support Wheel

4.10. Opening of Rear Hatch

The hatch which bales exit from should be opened parallelly to the floor

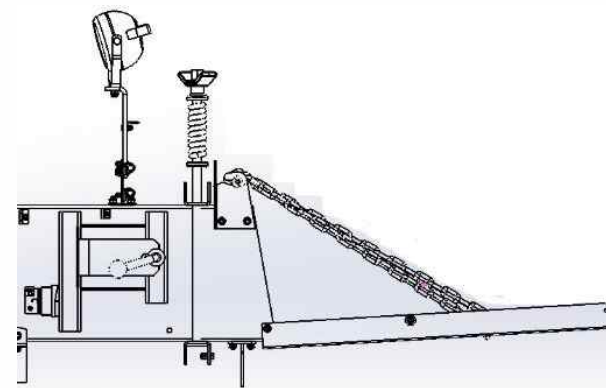


Figure 23: Bale Outlet Hatch

4.11. Support Adjustment of Picking Gear

Pick up spring height should be adjusted as 5 cm (Figure 24). Afterwards, support wheel is set according to pick up spring height (Figure 26).

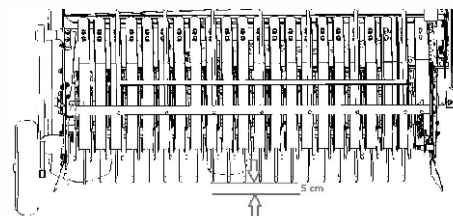


Figure 24: Pick up Spring Height

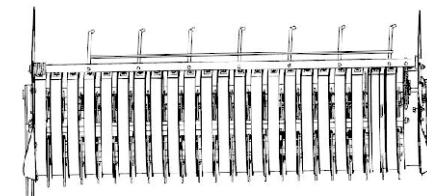


Figure 25: Pick up system

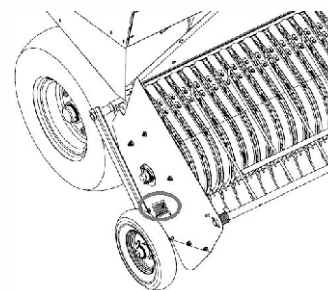


Figure 26: Support wheel adjustment bolt

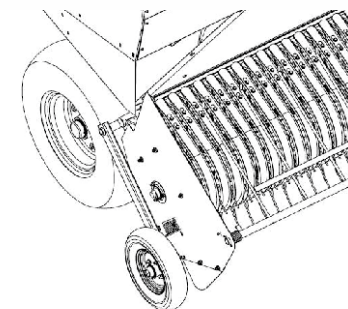


Figure 27: Pick up support wheel

4.12. Form, Weight and Height Setting of Bale

After producing first bale, length of fourth bale is measured and weight of it is checked for adjustment of weight and length. If length and weight are not on preferred quantity, once again length and weight of bale are measured on eighth bale. Note: This adjustments will change according to field, so settings of weight and length should be arranged once more again.

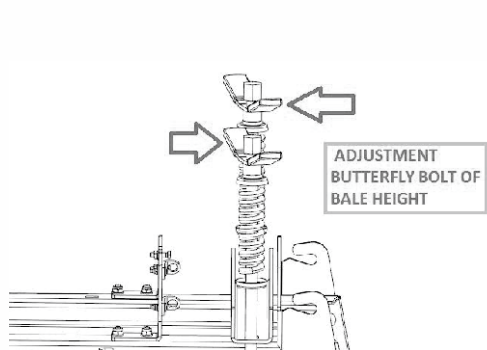


Figure 28: Bale Height Adjustment Butterfly Bolts

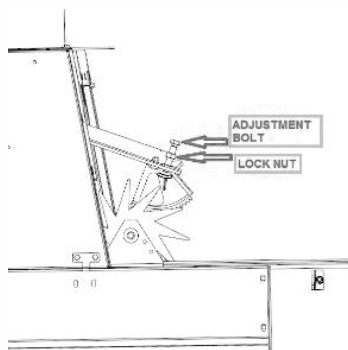


Figure 29: Bale length adjustment bolt

Bale shape adjustment is configured with adjusting bolt according to shape of bale by unscrewing of locking bolt and rounding right or left as seen in Figure 30.

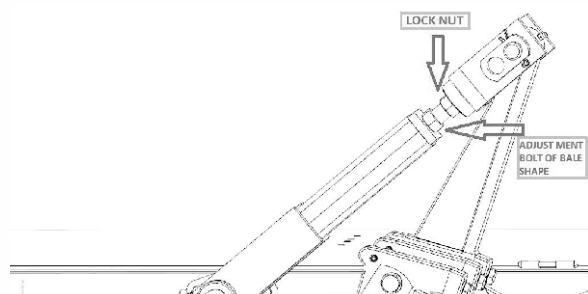


Figure 30: Bale Shape Adjustment

- Bolts, nuts, shims on sections and parts of the machine might be unscrewed during passing hubbly and stony roads when the machine is connected to tractor with maximum highest speed. In this case, damages and malfunctions can be occurred during the running of machine. Required solution is to screw bolts and nuts by checking at every workday.

5. MAINTENANCE AND REPAIR ADJUSTMENT OF MACHINE GUIDE

5.1. Needle Setting

Locking bolts are screwed (Figure 31). Lockings of adjusting bolts are unscrewed (Figure 32). After those processes, needle is set to knotting position (Figure 33) and spacings of needle adjusting bolts, topper part of it and hook gear are set to be 1-2 mm (Figure 34).

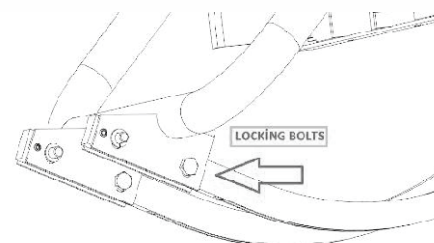


Figure 31: Locking Bolts

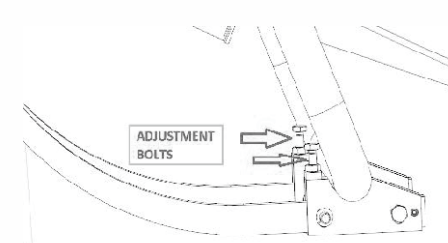


Figure 32: Adjustment Bolts

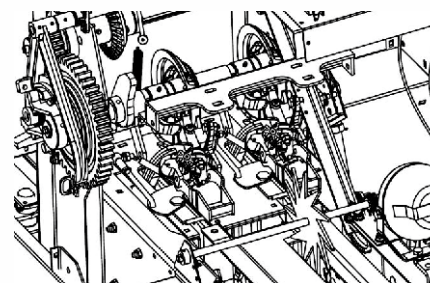


Figure 33: Position of knotting



Figure 34: Needle setting

5.2. Sente Setting

- Wrapped pins of knotting groups motion disk must be removed (Figure 35).
- Take off automatic latch of locking setscrew and front bolt (Figure 36).
- Actuating latch and cotter are removed (Figure 37).
- Grand gear is removed (Figure 38).
- Position of piston is set by rounding of flywheel to the working direction (Figure 39).
- Needles are set to the position (in Figure 40) by pushing needle saddle.
- Cotter, actuating latch are installed by levelling together.
- **NOTE: Centre adjustment must be tested before the machine is running necessarily.**

5. MAINTENANCE AND REPAIR ADJUSTMENT OF MACHINE GUIDE

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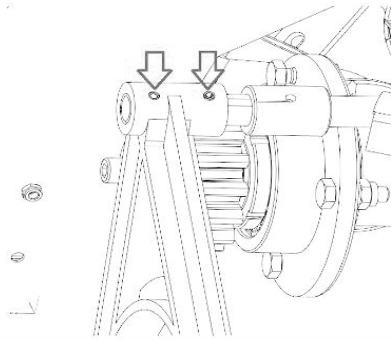


Figure 35: Wrapped Pins

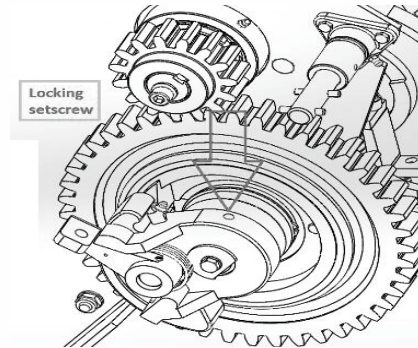


Figure 36: Locking setscrew

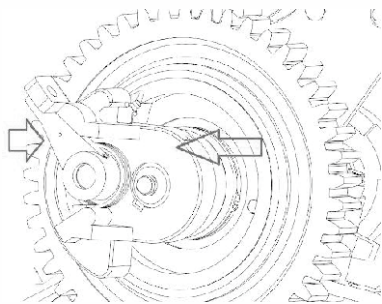


Figure 37: Actuating latch and scissors

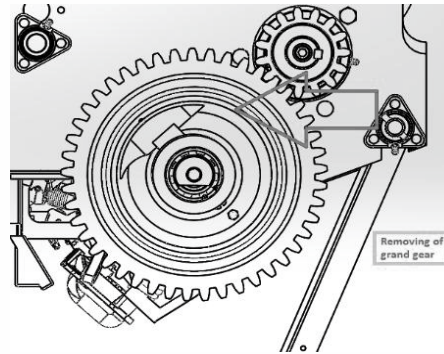


Figure 38: Removing of grand gear

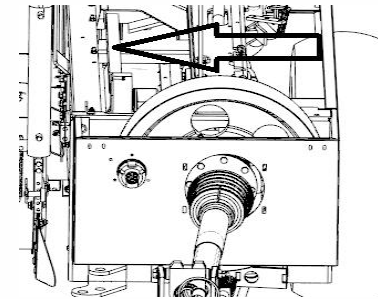


Figure 39: Working Direction of Flywheel

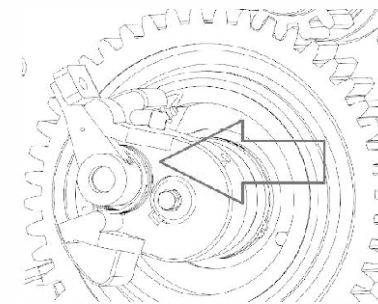


Figure 41: Actuating latch

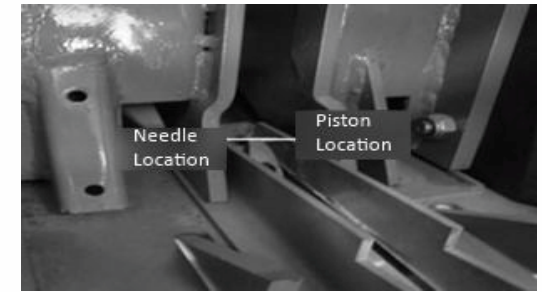


Figure 40: Location of needle

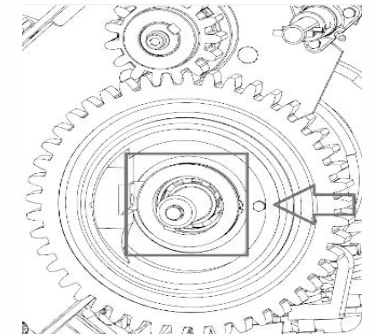


Figure 42: Adjustment Raynel and chock

5.3. Time Setting

- Shaft is removed by locking bolt is taken off (Figure 43)
- Piston rod is set to vertical position (Figure 44).
- Front hayfork crank must be 5 or 6 cm from its corner to safeguard (Figure 45).
- Upper pot pin centre of knotting system must be at 31 cm range to lower chassis (This adjustment as spacing should be 26,5-27,5 cm on wired machines, not go down below 26,5 cm absolutely.) (Figure 46)
- After adjustments are completed, shaft is fixed with locking bolt and installed.

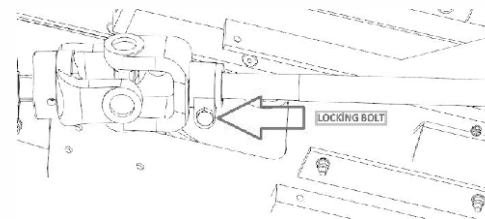


Figure 43 Locking Screw

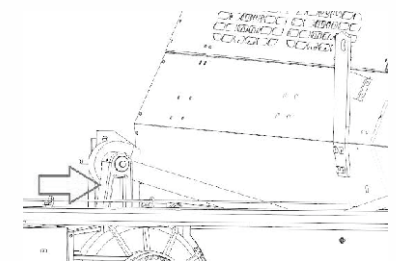


Figure 44: Piston Rod

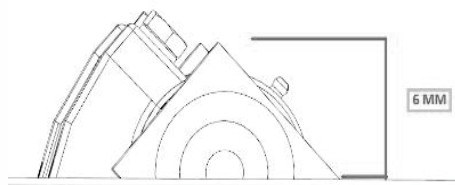


Figure 45: Crank of Front Hayfork

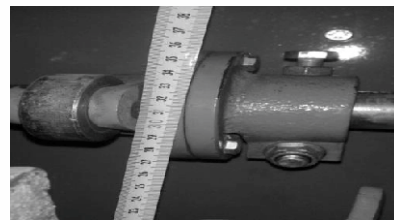


Figure 46: Wedge Pin

5.4. Feeding Fork Setting

- Chain tensioner sprocket is separated from chain lock by unscrewing (Figure 47).
- Spacing between hayfork lamas are set to be 9-10 cm and chain is fastened (Figure 48). Later, chain is tightened by chain tensioner sprocket.

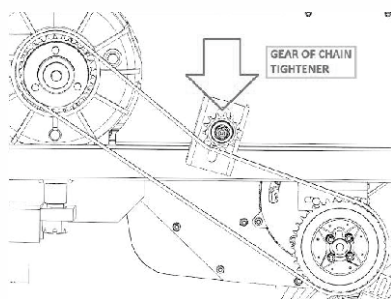


Figure 48: Spacing between lama tips

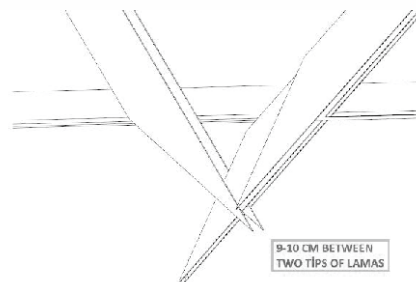


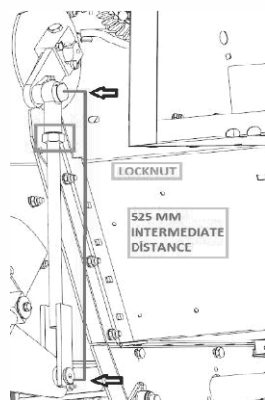
Figure 47: Chain tensioner sprocket

5.5. Needle Saddle Rod Setting

Locking nut of needle saddle rod is unscrewed. Pin under the rod of needle saddle is removed, locking nut is turned and intermediate spacing is provided to be 525 mm, hereby the adjustment is set (Figure 49).

Figure 49: Adjustment of needle saddle rod

NOTE: It must be tested after this process.



5.6. Picking Support Spring Setting

While front pick up unit is above, spring tension should be adjusted. Wrap gap of springs are to be 1 mm (Figure 50, Figure 51).

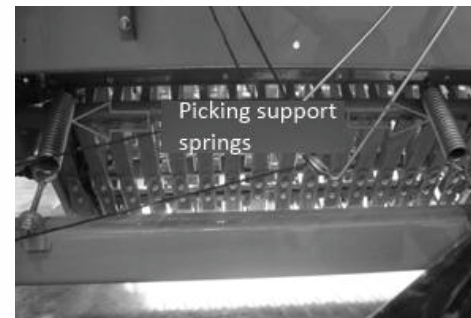


Figure 50: Pick up support springs

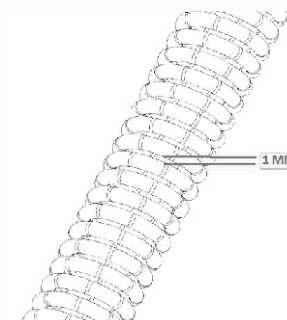


Figure 51: Pick up support spring

NOTE: Machine is running bumpy if wrap gaps are longer than 1 mm.

5.7. Front Picking Lining Setting

After approximately 10.000 bales using of the machine, adjustment (screwing of springs) is required according to deformation of pressure lining springs. Pressure spring spacing must be 3 mm when new lining is mounted (Figure 52).

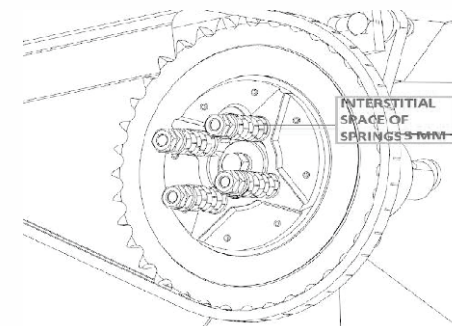


Figure 52: Lining of front pick up

5.8. Front Flywheel Tripod Mount Pressure Plate Setting

After approximately 10.000 bales using of the machine, adjustment (screwing of springs) is required according to deformation of pressure lining springs. Pressure spring gap must be 3 mm when new lining is mounted (Figure 53).

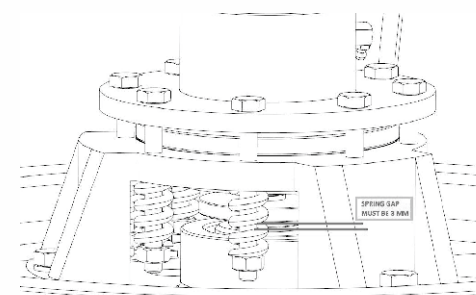


Figure 53: Tripod Pressure Lining

5.9. Horizontal and Vertical Ball Bearing Setting

Gaps of horizontal and vertical bearings must be adjusted as 0,5 mm – 1 mm spacing between bearings and bearing housings. After this settings has been adjusted, comfortable working status is set by turning of flywheel with hand.

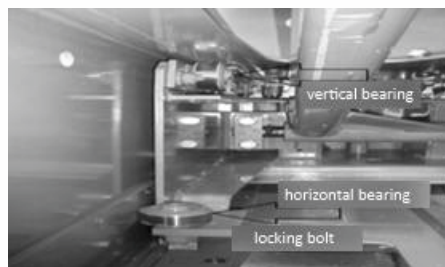


Figure 54: Vertical and horizontal bearing

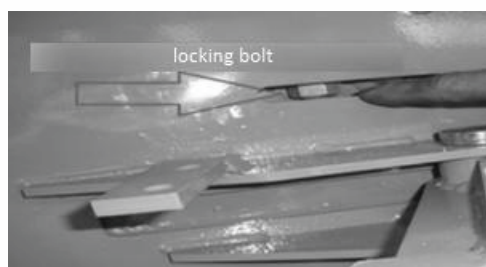


Figure 55: Locking bolt

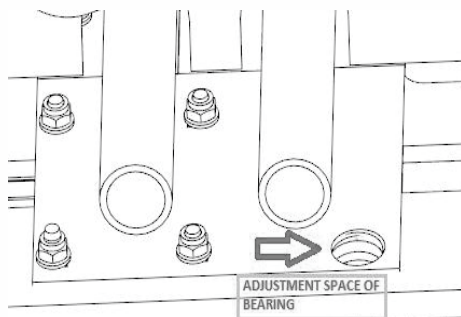


Figure 56: Bearing Adjustment Space

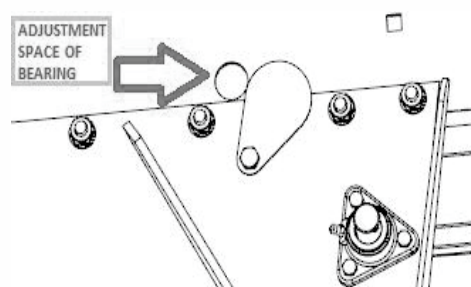


Figure 57: Bearing Adjustment Space

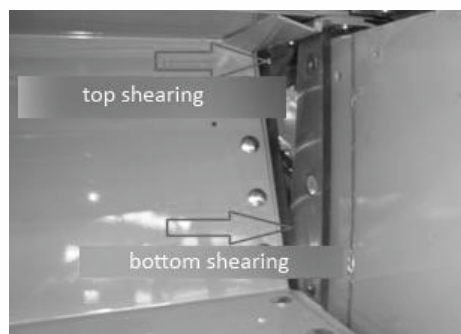


Figure 58: Top and bottom shearing

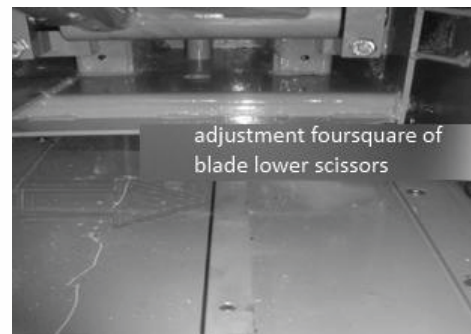


Figure 59: Blade lower scissors adjustment lama

5.10. Piston and Setting of Piston Blades

Upside and underside should be adjusted separately while setting the shearing layout gap adjustment between piston blade and stable blade. If the layout of shearing cutting is out of order, it is required to be set piston cradle adjustment bolts. Blade underside gap adjustment is to be set square tune.

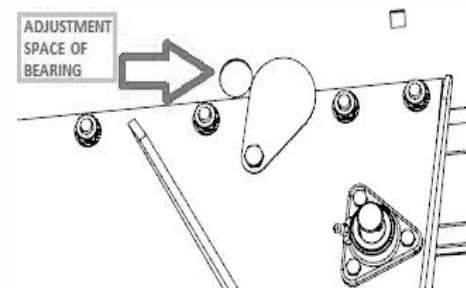


Figure 60: Bearing Adjustment Space

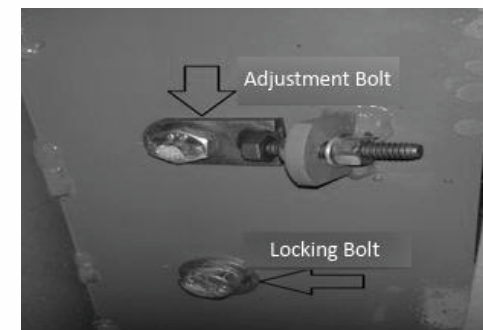


Figure 61: Adjustment and Locking Bolt

5.11. Safety Latch Setting and Maintenance

Arising substances during working such as dust, oil, stem, straw etc. might cause malfunction on needle safety system and it does not work. Needle and linking systems may be damaged in such circumstances. It is paid attention that safety latch pin is removed, carrying out maintenance and the system will be in working order. If triangle of gauge is laid backwards, adjustment bolts are unscrewed, triangle of gauge set towards to latch and bolts are screwed. Whether safety latch system is working should be check exactly in daily maintenances (Figure 62).

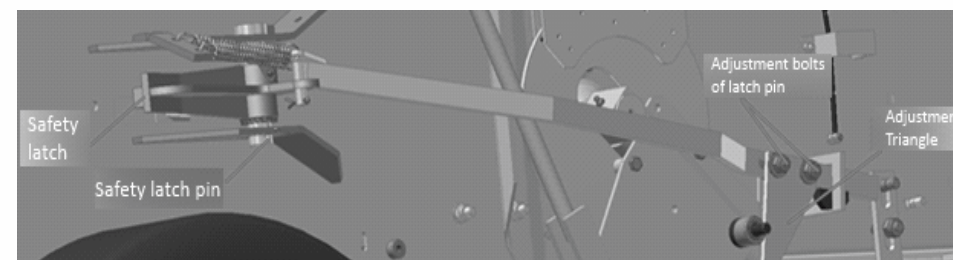


Figure 62: Safety latch adjustment

5.12. Cormick Needle Saddle Lining

Adjustment bolts used in adjustment of needle saddle lining should be set as 3 mm from nut (Figure 63).

Note: Knotting group linings should be recalibrated with respect to abrasion rate of lining bolts after 10.000 bales.

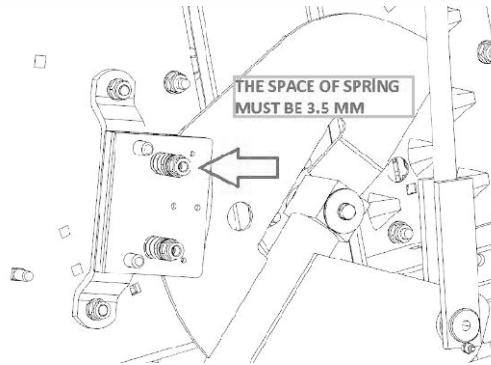


Figure 63: Lining of needle saddle

5.13. Maintenance of Shafts

Shaft joints and clutches must be greased daily from grease nipple. Shafts must certainly be used with guards. Guard should be blocked to turn with shaft by fixing guard chains. Shaft and guard being deformed must be replaced with new ones (Figure 64).



Figure 64: Shaft

5.14. Cormick Knotter Group Setting

Trying section adjustment and nuts should be set according to Troubleshooting at the table 5.14.1. Problems are to be solved utilising the same table in twine diverter mechanism. Knotting section adjustments are showed below in the pictures.



Figure 65:
Spacing between forks

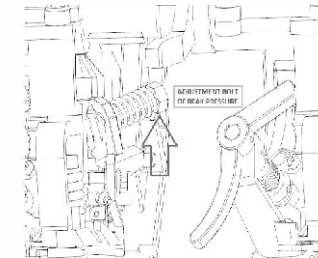


Figure 66: Hook-type
Pressure Adjustment Bolt

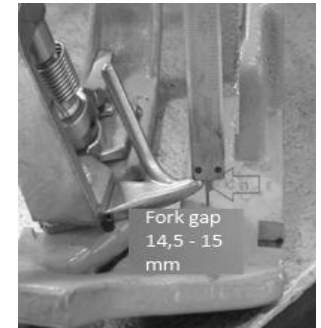


Figure 67: Star-type
Pressure Adjustment Bolt

Table 5.14.1 Troubleshooting of Knotting Group

	MALFUNCTION	SOLUTION
	Loose knot, not tightened from well cut tips.	1) Hook pressure bolt is screwed with half round spaces until error is corrected.
	Twine's hanged position to the hook breaking before catchhook.	1) Spacing of star increased. Star gear is checked and changed if necessary. 2) Star fixing shim is turned. Please straighten the fixing shim.
	In case of long part breaks as if it displaces though knot is solid.	1) The spacing between needle and knotting group log is increased during on duty position. The spacing between needles and knotting group logs is observed while drive lever of knotting group at the top dead center. Needles have been set to declutch, stretching according to spacing and providing friction with knotting group log.
	Knot is on the side of short part.	1) Star-type press misses the twine (spring of star-type press is screwed with half round spaces until the error is corrected).
	If the knot is tied on the short side (the tip of breaking twine is under the panel twine tied).	1) Star-type press is too tight. Spring of star-type press is unscrewed with half round spaces until the error is corrected). 2) Twine error. Twines are changed.
	If the twine digresses from canal of pressure as knotless;	1) Hook mile is broken. Please change the Hook mile. 2) The lock-catch on knotting group log of Hook pulley had been deformed or displaced. The lock-catch should be changed.
	In case of a strangulation on the long tip, the long part of twine is knotted.	1) Dilation on the twine diverter drive lever. Please adjust space setting between the space twine diverter and fork from the twine diverter drive lever.

	If the twine is broken next knotting location;	1) The spacing between hook and fork gets tightened, sharp line on the tip of fork occurred. Sharped line is ground via sandpaper or needle and adjustment of fork is made with Hook. 2) Fork pin is broken, fork is not on the position that it has to be. Fork pin is changed, fork adjustment is re-adjusted with Hook.
	Twine brought by needle is not knotted if knotless part of the twine is on the side of tractor above bale.	1) Needle adjustments are disordered, please make the needle adjustment. 2) Twine diverter fork adjustments are broken. Please make the adjustments of twine diverter and fork.

5.15. Winter Care and Storage

- The machine must stand firm for the processes such as care, cleaning or repair; engine of tractor must be stopped. 12V electrical supply cable must be taken out.
- Please reassemble all the protective parts if removed, after the maintenance.
- Avoid contact of used greases during maintenance with skin.
- Please go to the nearest hospital in case of an injury by hydraulic grease.

Clean inner and outer sections of baler machine entirely before placing it for winter storage. Do not direct water jet to axle spots if using high-pressure cleaner. Grease all the points of lubrication after cleaning of the machine. Do not clean greases leaking out of housings. This grease mud provides an extra protection against to moisture. Take off driving chains and clean with crude oil (do not use another solvent). Also, check the abrasions of chains and chain wheel. Grease chains after cleaning. Please check all the moving parts (such as gears and stretch forming parts) whether they can move easily. If necessary; remove and clean, and mount after re-grease. If necessary change with another one. Please use only original spare parts of FIELDKING.

Disintegrate PTO tail axle if needed. Grease inner and protective tubes. Grease oiling nipple on cardan joint and bearing rings on protective tubes. Please keep baler machine in a dry place, away from fertiliser and stables. Please restore damaged colours, cover uncoloured sections with anticorrosion substance.

⚠ Use suitable jack stand. Please be sure that the machine stands in a secure position.

Lift the baler machine with jack for preventing damage to tires (damage might occur on tires if baler machine stands on the same position for long time). Protect tires against to external effects (such as oil, grease, direct sunlight). Please complete required reparation after harvest season. Prepare a list of all the essential spare parts. By such a systematic operation, work of FIELDKING service easier and you will ensure that your machine can be operated at the best in the beginning of the new season.

The machine must be preserved supporting the tires on the wedge in a dry and upper closed place.

5.16. Needle Packsaddle Rod Setting

The length of needle packsaddle rod should be adjusted as 515 mm (Figure 68).

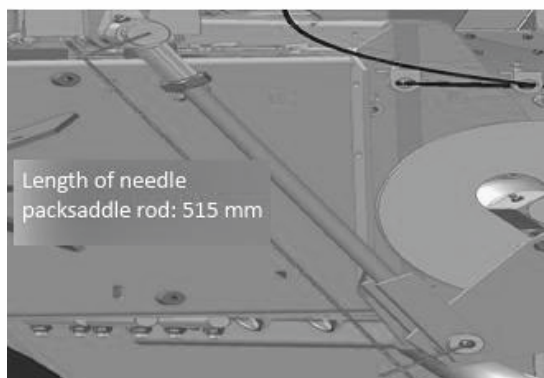


Figure 68: Adjustment of Needle Packsaddle Rod

Needle Packsaddle Lining Adjustment bolts used in adjustment of needle packsaddle lining should be set as 3 mm from nut. Spaces of bolts in Knotting Group Lining are to be adjusted as 5 mm. Note: Tying group linings should be recalibrated with respect to abrasion rate of lining bolts after 10.000 bales.

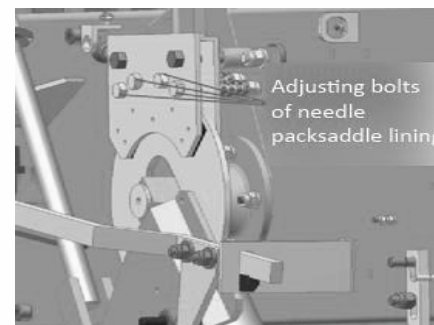


Figure 69: Lining of Knotting Set

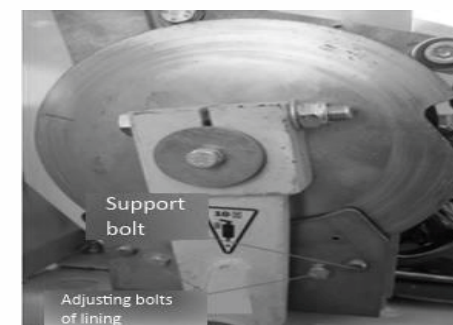


Figure 70: Lining of Needle Packsaddle

5.18. Deering Knotter Group Setting



Figure 71: Adjusting Bolt of Star Press



Figure 72: Adjusting Bolt of Beak Press

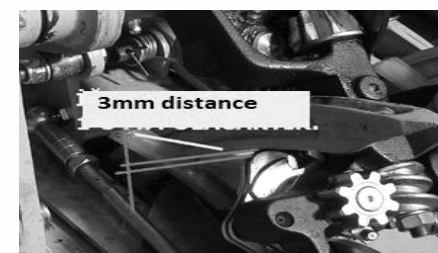
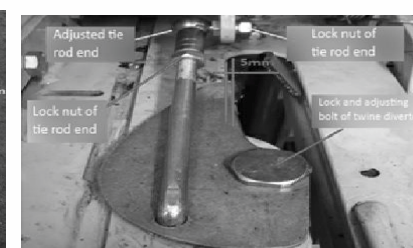
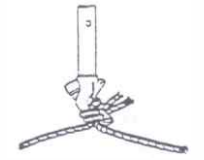
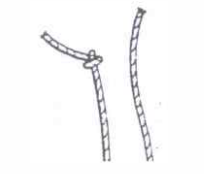


Figure 73: Section of Twine Deviator

Table 5.18.1: Troubleshooting of Tying Group

FORM OF KNOT	PROBLEMS	CAUSES	SOLUTIONS
	Standard tied knot. Clean-cut tips of twine.		
	Curlings occur during knotting. Curling sticks beak latch and twine breaks.	Adjustment of beak spring is loose	Please screw the nut increasing spring tension by quarter round.
	Knotting layout does not tie.	1- Spring of holder disc is loose during knotting, twine deviates early. 2- Twine puller does not get near twine to beak.	1- Increase the pressure of spring holding twine 2- Adjust twine puller.
	1- Tips of knot are not equal length. 2- Both tips cut short	1- Knife may get dulled. 2- The pressure of spring on twine holder disc is not enough 3- Calibre between knotting and chassis may breakdown.	1- Grind the knife 2- Adjust twine holder 3- Check the measure of 70 ml knotting to chassis
	Knots hang up on the beak, do not discharge.	1- Overspacing between stripper rod and beak. 2- Stem may be among twine. 3- Twine may be seized at some point 4- Measures between knotting and chassis may be broken. 5- Bales produced too tight.	1- Stripper rod must do stripping. 2- Clean jammed stem between twine and beak. 3- Provide twine at desired tightness from twine box to knotting.
	1- Knot occurs on one tip of twine. 2- Beak does not tie two twines together.	1- The adjustment of spacing between twine puller linings and needle is failed. 2- Spring of twine holder may be loose 3- Needle is at back descent, twine does not lean to needle	1- The intermediate distance of twine puller linings and needle inner surface should be 3 mm at most. 2- Increase spring tension for twine holder not to release twine. 3- Increase tightness of twine on twine track.

6. TROUBLE SHOOTING

Probable malfunctions and troubleshootings of Baler Machine are shown below.

6.1. Tail Axle Shaft Area

The problems and solutions related to Tail Axle Shaft Area are shown in Table 6.1.1.

Table 6.1.1 Tail Axle Shaft Field: Problems and Solutions

PROBLEM	PROBABLE CAUSE	SOLUTION
1) Universal Joint Malfunction	1.1) Overloading 1.2) Enabling of clutch of tail axle causes shock loading since cycle of tractor tail axle is over. 1.3) Short turnings causes joints to come down. 1.4) Wheels of tractor strike with tail axle transmission shaft while turning. 1.5) Draw's length, height or alignment is wrong. 1.6) Joint of power transmission or position of roller bearing is wrong. 1.7) Greasing is insufficient.	1.1) Please check safety clutch of tail axle shaft. Adjust according to specifications on this user and maintenance guide. 1.2) Please activate tractor tail axle on idling. 1.3) Please deactivate tail axle during short turnings. 1.4) Turn wider. 1.5) Please adjust drawbar and position of tail axle. 1.6) Adjust according to specifications on this user and maintenance guide. 1.7) Grease at every 50 hours.
2) Shaft is bent	2.1) Tractor tail axle has been enabled when engine speed is over of idling. 2.2) Tail axle shaft clutch is too tight or frozen.	2.1) Enable tractor tail axle on idling. 2.2) Please check the clutch.
3) Vibration (especially) during turnings	3.1) Universal joints are not adjusted. 3.2) Power joint or roller bearing is not adjusted properly. 3.3) Tractor drawbar length, height or alignment. Abraded extended or shortened sections.	3.1) Change the defected part. 3.2) Adjust drawbar according to proper specialties. 3.3) Change as required.

PROBLEM	PROBABLE CAUSE	SOLUTION
4) The clutch of tail axle shaft gets out of clutch pilot shaft.	4.1) Torc of fixing bolt is wrong or only one hardened shim is used under the bolt. 4.2) Incorrect dimensional shim(s) under the bolt head. 4.3) Incorrect adjusting shim is mounted on the hub of inaction clutch. 4.4) Fixing bolt is screwed excessively or defected partially during montage. 4.5) Greasings insufficient.	4.1) Please mount accurate equipment with accurate torc. 4.2) Please mount accurate hardened shims. 4.3) Flywheel should be rounded freely while tractor tail axle is disabled and tail axle shaft is stopped. 4.4) Disassemble adjusting shims as required. Change the equipments and screw with accurate torc. 4.5) Grease at every 100 hours.
5) Clutch complex gets out of flywheel	5.1) There is dye between clutch and flywheel. 5.2) The clutch of tail axle shaft is too tight or cohered. 5.3) Enabling of tractor tail axle causes shock charges while engine speed is at high level.	5.1) Erase the dye. 5.2) Please check clutch of tail axle shaft and adjust. 5.3) Enable tractor tail axle on idling.

6.2. Picker Area

The problems and solutions related to picker area are shown in Table 6.2.1.

Table 6.2.1 Picker area: Problems and Solutions

PROBLEM	PROBABLE CAUSE	SOLUTION
1) Barrel is not picked up cleanly.	1.1) Pickingspring is lacking. 1.2) Speed of advance is too high. 1.3) Picker lining misses holding.	1.1) Complete picking springs. 1.2) Lower the speed of advance. 1.3) Check the lining adjustment.

6.3. Feeder Area

The problems and solutions related to feeder area are shown in Table 6.3.1.

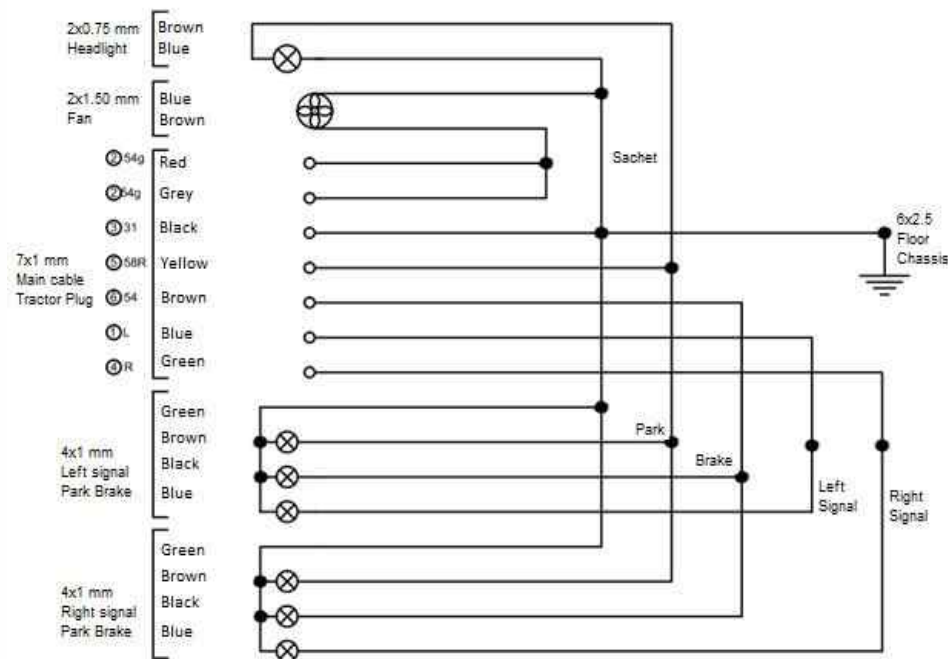
Table 6.3.1 Feeder Area: Problems and Solutions

PROBLEM	PROBABLE CAUSE	SOLUTION
1) Form of bale is bad.	1.1) Hayfork adjustment is defected. 1.2) Speed of advance is wrong.	1.1) Make the adjustment of hayfork. 1.2) Adjust the speed of advance for providing proper feeding.

6.4. Electrical Circuit Diagram

The electrical diagram of is shown at Table 6.4.1.

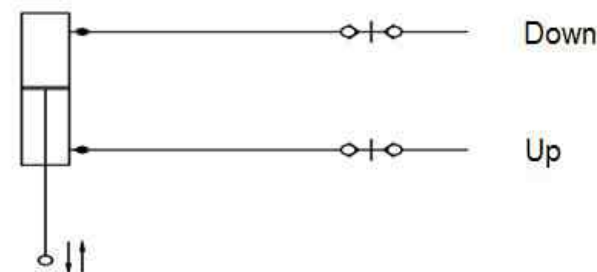
Table 6.4.1. Electrical Diagram



6.1. Hydraulic Circuit Diagram

Hydraulic diagram is shown at Table 6.5.1.

Table 6.5.1. Hydraulic Diagram



7. WIRE MACHINE SETTING GUIDE

7.1. Iron Wire Connection

Please always keep the wire in oil if you desire to get high-quality press. The pulleys are to be in diameter not more than 320 mm and in length not more than 160 mm. Always control the bobbins are wrapped outstandingly, so you prevent occurring of harmful knots hindering the runnings of connections well.

Place wire bobbins into the box properly as shown in Picture 65 A, before making one or two connections split, pull the points of contact while placing the bobbins into boxes. For this, reeve the wire as shown in below diagram;

1. Take the wire tip of wire bobbin (shown with C), reeve through pin (shown with M), wrap around the pulley (shown with D), pass through pulley (shown with F) and axis (shown with R), link the tip of wire to lama (shown with L).
2. Take the tip of wire from bobbin (shown with O), pass through pin (shown with N), wrap around the pulley (shown with E), pass through pulley (shown with G) and axis (shown with R), link the tip of wire to lama (shown with L).
3. Set in motion connection leverage (shown with F), round the wheel by hand in order to provide needles keeping wires in link to circuit a entire round.
4. Please do not forget to clean lama steel (shown with L) after breaking wires.
5. Machine is now ready to run.

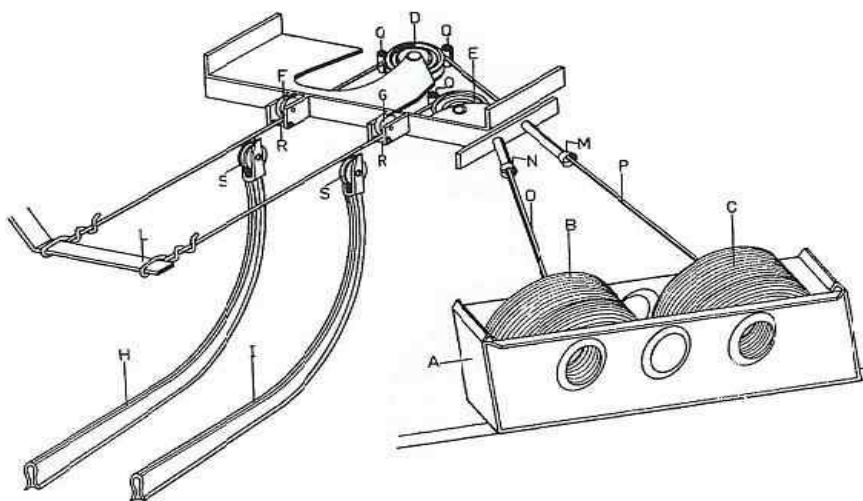
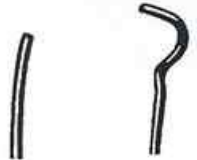


Diagram: Wire Group of Wired Machine

Troubleshooting table of wired knotting group is shown below

Table 7.1.1. Table 7.1.1 Troubleshooting Table of Wired Knotting Group

 Wires are not curved, one tip is cut slippery, the other one is bent and cut.	Wire reeved through needle seises at contortion while passing through press tunnel by material. Feeding is very important at every motion because feeding has been insufficient. Wire is not slippery.	Increase piston displacement as machine type at page 2 Clean all around of wire and grease.
 Wires are not convoluted, one tip is cut slippery, the other one is bent and cut; but here are brighter scratches as far as pliers at the end of wire	Wire is not tightened enough with pliers.	Fix pliers stopping wire by turning up pressure
 Not convoluted enough, because too short.	Wire is rusted or lack of grease. Curling is delayed.	Sop wire bobbin into grease. Purify curling section from the probable residues. Pe prepared in advance for one tooth of curling section.
 Wire is not slippery. Curling has been early.	Wire is not slippery. Curling has been early.	Fix the path that wire passes and grease. Act for one tooth of curling section late.
 If bale is produced without wire from one or two edges	Needle does not reeve wire through pliers. Needle is located wrong from the sideways.	Please follow the instructions for the spacing of wood bender.

 If wire is wrapped around of wood bender, bale is produced without wire	Pliers is not mounted properly that will stop wire and consequently not cut Needle head is too loose Needle is located wrong from the sideways. Not at the phase of curling or early or late yet	Please follow the instructions. Also follow the instructions for the interval of wood bender. Correct the position of needle before starting curling process.
 If not curved, If one tip is broken or slipped, the other tip is broken and disconnected	Wire had been cut before curling and a small piece of wire remained within the pliers. The packet of wire had been wrapped and be blocked in the box. Wire is rusted or remained without grease. Wire is not slippery. High-rate moisture for pressing the material. Wire is sauted outwards.	Open the package & reeve the wire through binder. Sop the wire packages into the grease and keep them always greased. Clean the all around of wire and grease, renew if necessary. Lower the level of press in the tunnel and produce shorter bales. Reeve the wire through pulley and binder. Strengthen the axis of Guide & renew the used parts.

7.2. Wire Knotter Group Setting

Adjustment of needle is shown at below Figure 68. Please be sure that the machine is not running while making the adjustments

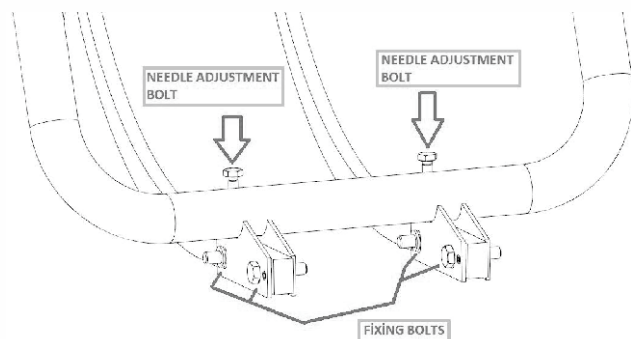


Figure 68: Needle Adjustment Bolts of Wired Machine

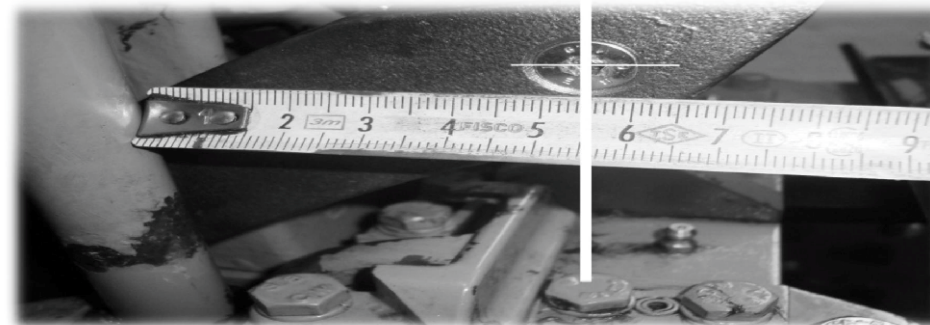


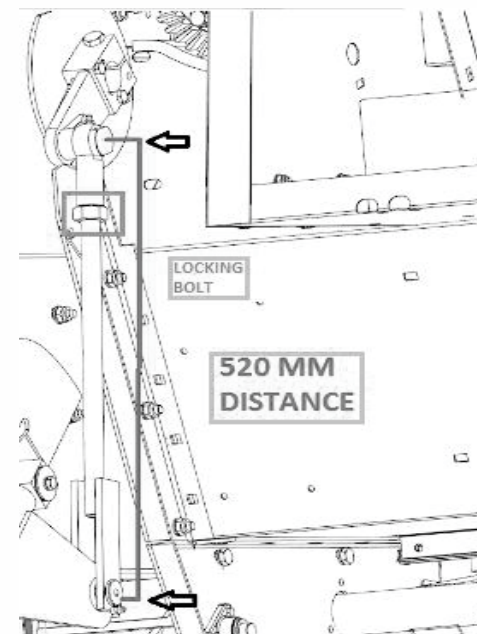
Figure 69 Adjustment Bolts

Needles are set to upper position and calibrated in adjustment bolts as 55mm by unscrewing fixing bolts as seen in Figure 69. Making adjustment must be checked absolutely after the end of this process.

Regular adjustments should be made for settings of centre and timing

7.3. Wire Knotter Needle Saddle Setting

First loosen the Locking bolt. Set the distance shown on the Photo to 520mm by removing the pins connected to Saddle.



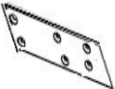
NOTE: TEST THE SADDLE MOWING BEFORE STARTING THE MACHINE

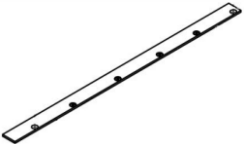
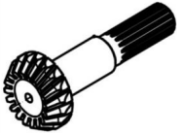
1. **TYRE:** The damages and malfunctions that arising from lacking or excessive tyre air pressure than suggested one and form of land (such as rough, rocky, swamp, etc.) are out of warranty cover.
2. **SHAFT:** The damages and malfunctions that arising from breaking of shaft as a result of running of the machine out of suggested cycle, bending of shaft resulting from running of hydraulic layout in direction of up or down apart from a particular parallelism during working of tail axle while the machine is connected to tractor.
3. **BLADE:** The damages and malfunctions that might arise from the form of land (such as rough, rocky, swamp, etc.) which machine is running on and the defects that might be occurred of melding foreign substance into the machine are out of warranty cover.
4. **MALFUNCTION OF ELECTRICITY OR ENGINE:** The malfunctions originating from high or low voltage of tractor electricity or incorrect connections done by unlicensed people are out of warranty cover.
5. **BEARING, GEAR, CHAIN and PICKER GROUP:** The damages and malfunctions that might arise from not doing daily, seasonal grease and grease maintenance or running of the machine on lower or higher cycles than remarked status in the user guide of the machine are out of warranty cover.

9. LIST OF SPARE PARTS

The list of common spare parts of machines with twine and wire is shown below

Table 9.1. Table 9.1: Common spare parts of machines with twine and wire

No:	Pictureof SparePart	Numberof SparePart	Description	Average AnnualPcs Sent
1		10210164	PickingSpring	5
2		10130050	Picking Plate thin	5
3		10460066	Brake Lining Ø152xØ102x4	1
4		10050404	Bearing 62304 2RS 2	2
5		10520003	Piston Blade 1	1
6		10050411	Bearing - 622012RS 2	2
7		10631292	Ledger Blade 1	1
8		10050412	Roller Bearing - SBPFL 205	-

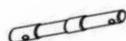
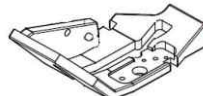
9		10200097	Collecting pipe	-
10		10070211	Steel Coated Bush 1	1
11		10200098	Collecting Pipe Bearing	-
12		10631245	Back Feeding Fork Routing chain 3/4"ASA 60	-
13		10631291	Lower Right Slider Bolt	1
14		10250138	"Small bevel drive gear (bavel drive)"	-
15		10290191	Small bevel drive axle (bavel drive)	--
16		10130049	Picker plate thick	-

The list of spare parts of machine with twine is shown below Table 9.2.

Table 9.2: The list of spare parts of machine with twine

No:	Picture of Spare Part	Number of Spare Part	Description	Average Annual Pcs Sent
1		10631381	Twine-cutterKnife	1
2		10631375	Needle	2
3		10631396	Bobbin Spring	2
4		10261157	Cylindrical bolt	1
5		10560004	Hook Edge	1
6		10631394	Fork	1
7		10631302	Collimator	1
8		10631359	Knotting (full set)	-

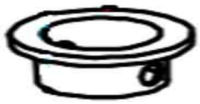
9		10631382	Star-type press	1
10		10631383	Star	1
11		10210172	Knotting Group Cocking Spring 3.5mm	-
12		10210171	Knotting press spring	-
13		10250140	Smaal Gear	-
14		10250139	Large gear	-
15		10631397	Knotter Scraper body (Mounting)	-
16		10631393	Twine Scraper	1
17		10210184	Twine feeder compression spring 2 mm	-
18		10631391	Twine Scraper body	1

19		10631390	Twine Scraper axle	1
20		10631389	Twine connection lower table	-
21		10631395	Twine scraper rstar	-
22		10560003	Hook	-
23		10631380	Spring support	-
24		10250136	Dish Type gear	-
25		10250135	Hammered Dish type gear	-

The list of spare parts of machine with wire is shown below Table 9.3.

Table 9.3: The list of spare parts of machine with wire

No:	Picture of Spare Part	Number of Spare Part	Description	Average Annual Pcs Sent
1		10631545	Needle	1
2		10631557	Cord cutting blade	1
3		10631555	Wire Catch support	1
4		10050426	6201 2 RS Bearing	1
5		10560010	Catch Hook	1
6		10020390	Cylindrical bolt Ø 6X30-st	2
7		10261194	Cylindrical bolt Ø 8X35-st	2

8		10631548	Pulley Wheel	2
9		10070239	Plastic bushing 21,5X25X20	2

10. STARTUP SAFETY PRE-INFORMATION FORM

SAFETY

Most of the agricultural layout accidents can be prevented by taking care some simple safety precautions.

- Please do not any cleaning, greasing or any other adjustment on baler machine while it is on running mode or engine of tractor is running. Please find out whether there are rolling parts by listening and looking.
- Please do not activate clutch unless you ensure that everybody is away from the machine and no maintenance kit on the machine.
- Do not work near the baler machine with loose-fitting dress that might squash to moving parts.
- Do not endeavor to hold straw by pulling from any section of the baler machine running on.
- Do not fuel reservoir up while the engine of tractor is running pulling the baler machine.
- Please do not use the baler machine unless all the safeguards are settled.
- Please do not allow anybody to stand on the baler machine.
- Please do not remove the connection of the baler machine while running.
- Do not come near the machine after stopping it for at least two minutes.

Qualification and Training of the Staff

The staff using, maintaining and repairing the baler machine should be warned against to hazards that they might come across during the operation of machine and trained before those. The operator must take the responsibility and watch over the staff. If the personnel are lacking of required knowledge, they should get the necessary training and briefing at once. The operator is obliged to make sure the contents of this guide are understood by the personnel. The unspecified reparations in this guide should be made by only the authorised services.

Failure on Implementation of Safety Precautions

In case of not taking safety precautions into consideration, personal injuries and environmental hazards might be occur as well as damage of machine. No implementation of safety precautions can be concluded with ignoring all the allegations of getting damage. **Those dangers may be posed in case of not following safety precautions:**

- Posing risks to people at preserving working area by mistake
- Missing of significant specifications of the machine
- Failure on implementation of suggested methods for repair and maintenance

- The hazards that might occur due to mechanical and chemical effects
- Environmental damage that might originate from hydraulic grease leakage
Secure and conscient working
- Please follow the safety precautions in this guide, existing accident preventer regulations as well as any internal works and the operation and safety rules determined by the operator.
- Safety and the accident preventer regulations of liable professional connections match together.
- Safety precautions provided by producer of the vehicle should be watched over as well.
- Applicable traffic rules on the roads that open to the general public should be followed.

11. THE OPERATION SUITABLE FOR INTENDED USAGE

Baler Machines are designed only for standard agricultural usage. Any other different usage is not comply with intended usage. The producer must not be regarded responsible of a damage originating from an improper usage basing operator's own risk.

Usable bale substances: Grass-derived substances such as grass and straw using for animal production. The warranty conditions are not valid in case of using excluding those purposes and on unsuitable products (such as corn, peanut, cane and bale of chaff, etc).

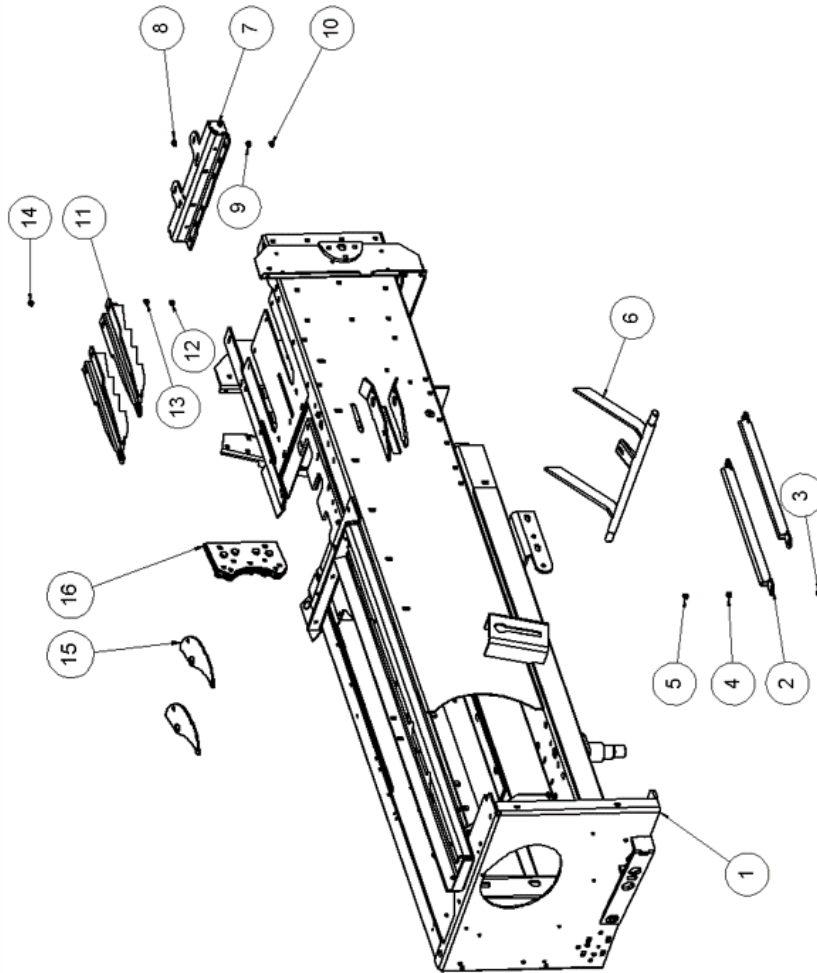
11.1. Terms of Guarantee Reference is made to the general guarantee conditions found enclosed with the purchase contract signed by you. 11.2. General Technical Information

- Vehicle driving is allowed only if bale chamber is empty.
- The maximum speed allowed: 20 km/h
- For the machines missing brake, the weight of tractor's tare should sort together with allowed terms of references or at least with the weight of tare of baler.

Minimum Power Requirement :45 HP

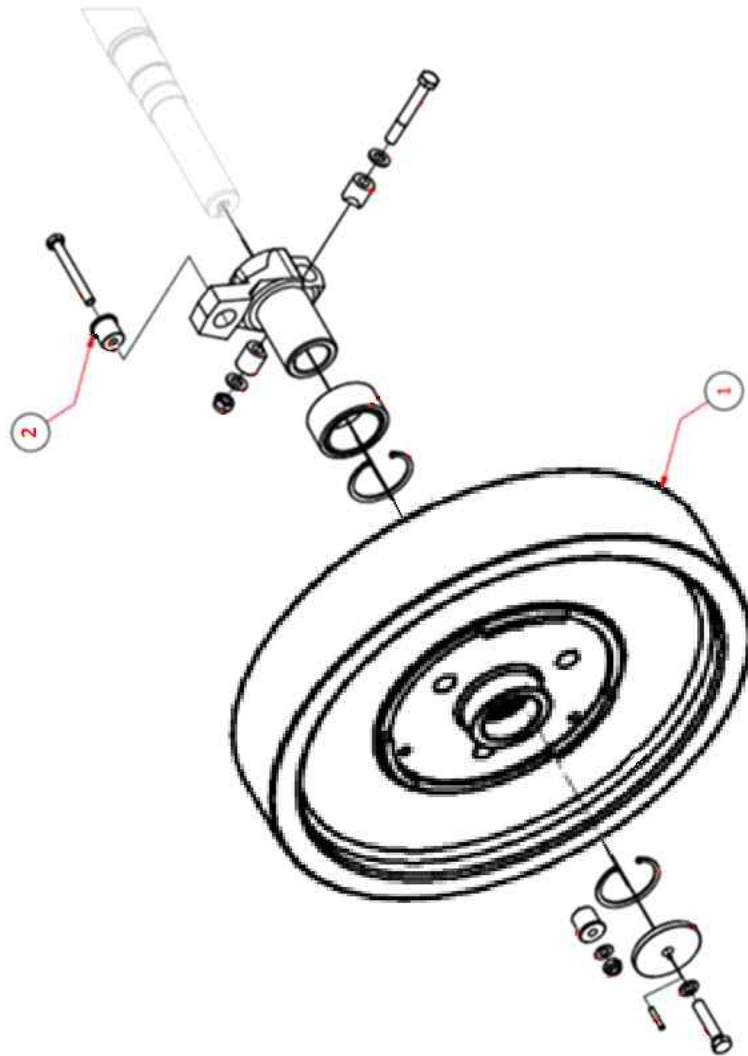
Tail Axle Cycle : 540 c/m max.

BASE FRAME ASSEMBLY



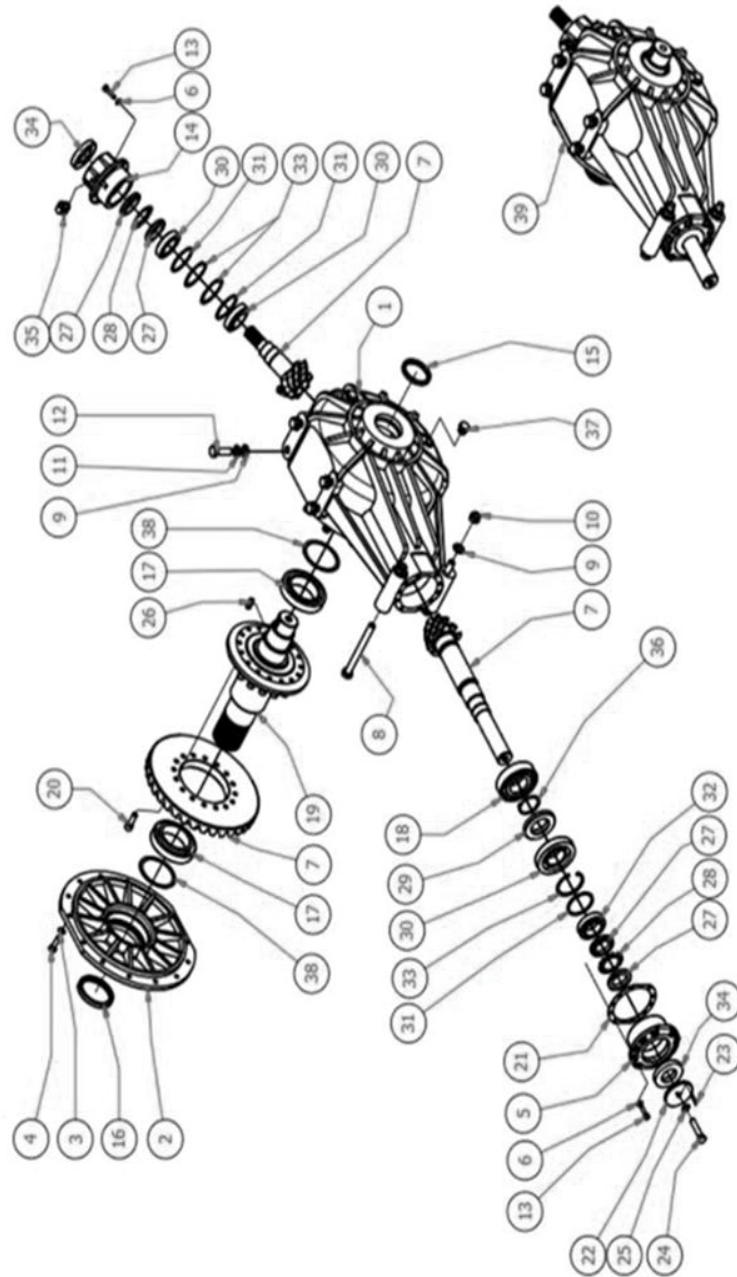
BASE FRAME ASSEMBLY (10631889)			
Sr. No.	Description	ERP No.	Qty.
1	BASE FRAME KE 565	10631822	1
2	HERRINGBONE FRONT PIPE	10631887	2
3	M8X35 BOLT	10261182	2
4	RONDEL - M8	10631823	2
5	FIBERED NUT - M8	10631807	2
6	3 FORKS LOWER STEM HOLDER	10631824	1
7	KNOTTER SET Z CONNECTION	10631825	1
8	M8X35 BOLT	10261182	3
9	RONDEL - M8	10631823	3
10	FIBERED NUT - M8	10631807	3
11	3 FORKS UPPER	10631668	2
12	M8X35 BOLT	10261182	2
13	RONDEL - M8	10631823	2
14	FIBERED NUT - M8	10631807	2
15	KE 565 TWINE DIVERTER	10631670	2
16	KE 565 NEEDLE SADDLE BRAKE	10631675	1

FLYWHEEL

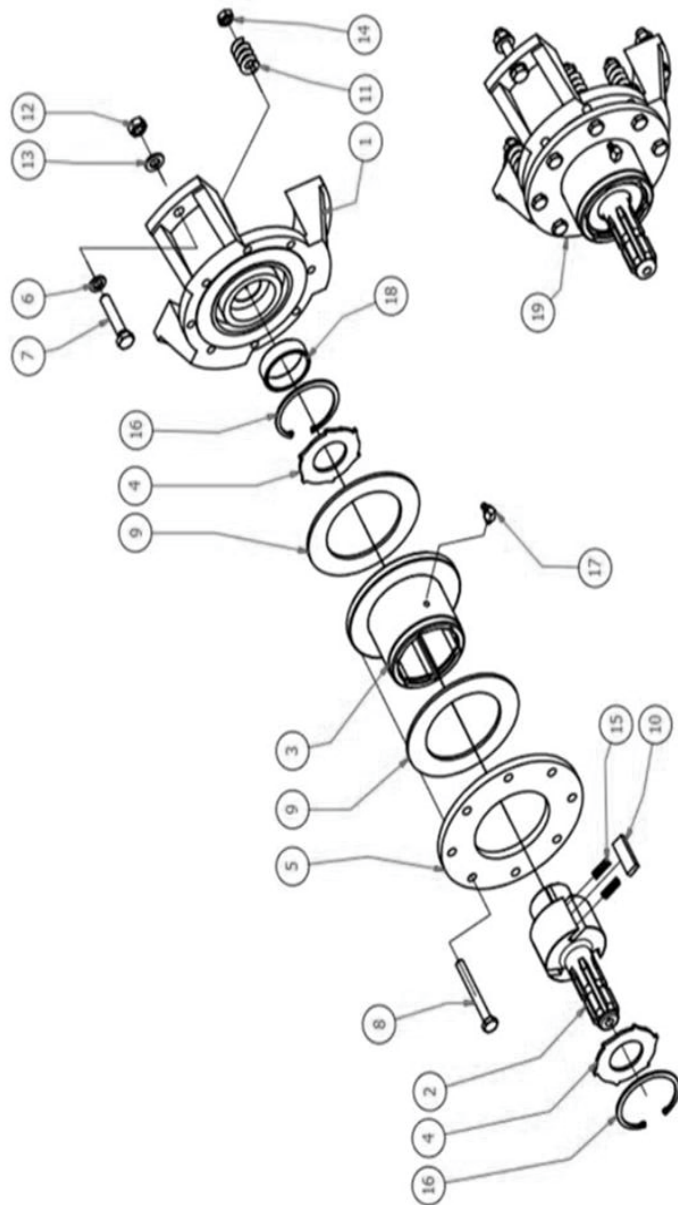


FLYWHEEL ASSEMBLY (10631890)			
Sr. No.	Description	ERP No.	Qty.
1	FLYWHEEL (595)	10631826	1
2	FLYWHEEL BRAKER BUSH	10631726	2

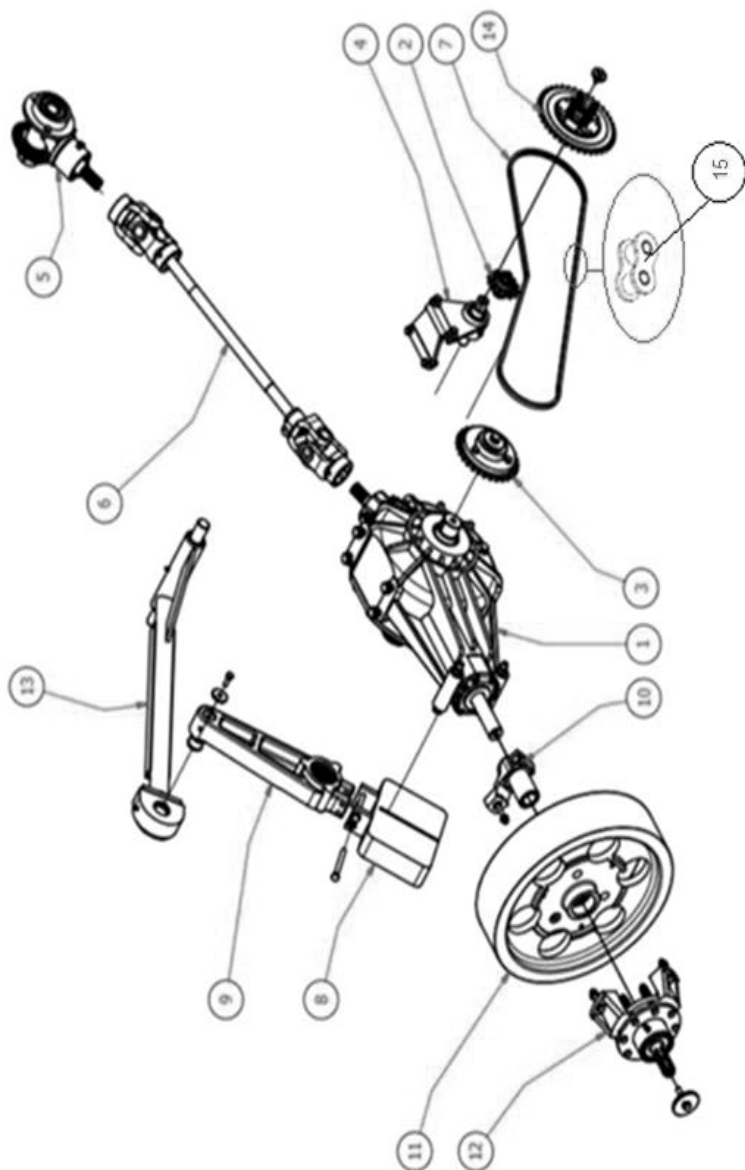
MAIN GEARBOX



Main Gear Box (ASSEMBLY) (10631581)			
Sr. No.	Description	ERP No.	Qty.
1	Main Gear Box	10490040	1
2	Main Gear Box hatch	10490041	1
3	Springed Rondel - A 10	10270419	14
4	Bolt - M10 x 35	10261130	14
5	Front Hatch	10490042	1
6	Springed Rondel - A 8	10270420	18
7	Drive Bevel Gear	10250133	1
8	Shoulder Bolt - M16 x 160	10261125	2
9	Rondel - A 17	10270421	6
10	Fibered Nut - M16	10261129	2
11	Springed Rondel - A 16	10270422	4
12	Bolt - M16 x 50	10261233	4
13	Imbus Bolt - M8 x 30	10261126	18
14	Feeding Fork Rod Casting hatch	10490043	1
15	Seal Ring 80 x 65 x 8	10460056	1
16	Seal Ring - 100 x 80 x 10	10460057	1
17	Roller Bearing 32016	10050399	2
18	Roller Bearing - 22211	10050400	1
19	Bevel Gear Side Ring	10460058	1
20	Imbus Bolt - M12 x 35	10261127	16
21	Raynel	10460059	1
22	Plate Washer	10270423	1
23	Split Pin - 5 x 30	10020158	1
24	Bolt - M12 x 60	10261122	1
25	Springed Rondel - A 12	10270418	1
26	Cotter	10020363	1
27	KM9	10460060	4
28	MB9	10460061	2
29	Spacer Collar Ø89 x 50 x 15	10490044	1
30	Roller Bearing - 31310	10050402	3
31	Liner - Ø74,8 x Ø66,5 x 3	10460062	3
32	Roller Bearing - 32009	10050401	1
33	Inner Ring - 75 x 2,5	10460063	3
34	Seal Ring - 80 x 40 x 13	10460064	2
35	Air Vent Plug M14 x 1,5 diş	10490045	1
36	Outboard Ring	10460065	1
37	Plug Bolt 1/2" 14 UNF	10261128	2
38	Liner	10030020	2
39	Main Gear Box	10490046	1



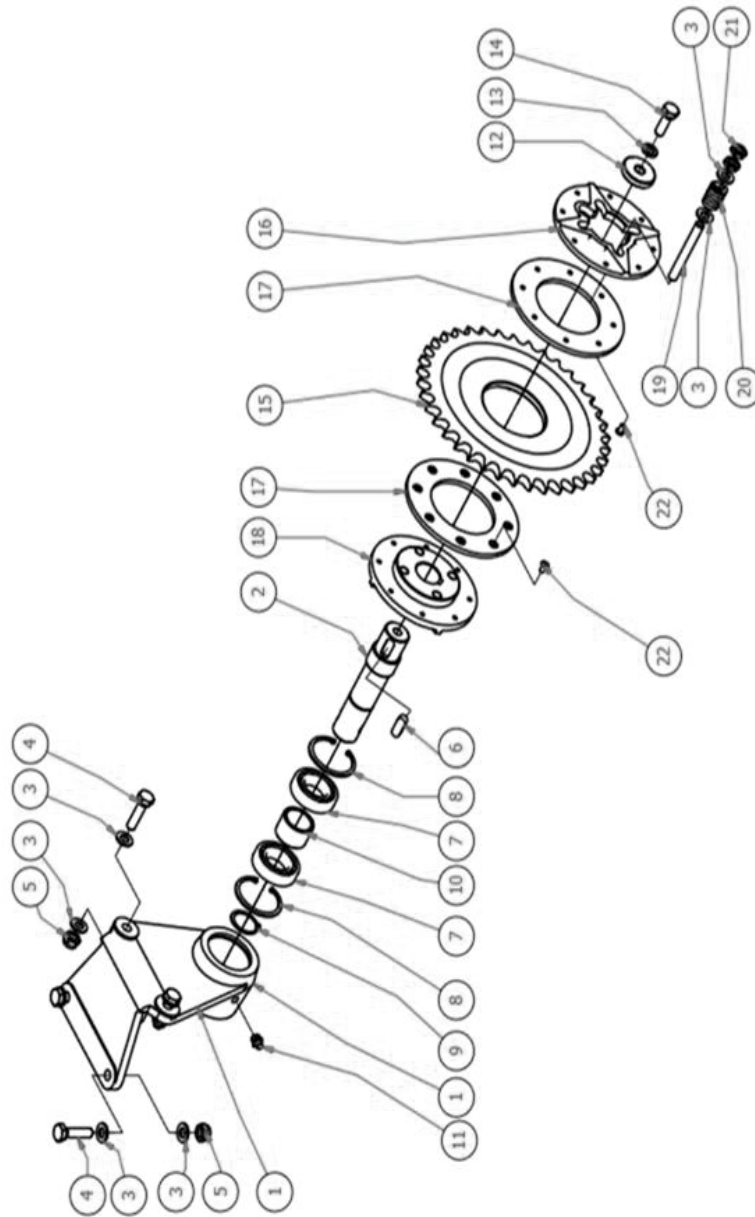
FLYWHEEL BRAKE (ASSEMBLY) (10631582)			
Sr. No.	Description	ERP No.	Qty.
1	Flywheel Connection Brake Lining	10631275	1
2	Flywheel Connection Torque Shaft	10290178	1
3	Torque	10631276	1
4	Lock Washer	10270424	2
5	Flywheel Brake Lining Plate	10130037	1
6	Springed Rondel - A 12	10270425	3
7	Bolt - M12 x 60	10261122	3
8	Shoulder Bolt - M10 x 90	10261131	8
9	Brake Lining Ø152xØ102x4	10460066	2
10	Ratchet Cotter	10020364	3
11	Flywheel Brake Lining Compression Spring	10210161	8
12	Ring Nut - M12	10280364	3
13	Rondel - A 13	10270426	3
14	Ring Nut - M10 x 1,5	10280365	8
15	Ratchet Compression Spring	10210162	6
16	Inner Ring - 82 x 2,5	10460067	2
17	Grease Fitting 1/4"	10631277	1
18	Yellow Bush	10070208	1
19	Flywheel Brake Lining 3 headed	10631278	1



TRANSMISSION TRANSACTION (ASSEMBLY) 10631583

Sr. No.	Description	ERP No.	Qty.
1	Transmission	10631279	1
2	Pick-up Tension Bolt	10261132	2
3	Transmission - Assembly gear	10490047	2
4	Assembly Clutch	10631280	2
5	Feeding Fork Powertrain	10631281	2
6	Ball Joint Spline Shaft	10290179	2
7	Pick-up Chain	10140058	2
8	Eccentric Weight	10631282	1
9	Gearbox Jack	10490048	1
10	Flywheel Lever	10420021	1
11	Flywheel	10420022	1
12	Flywheel Brake Lining 3 headed	10631278	1
13	Piston Rod	10520002	1
14	Pick-up Clutch	10631283	1
15	Additional of Pick-Up Chain	10140059	1

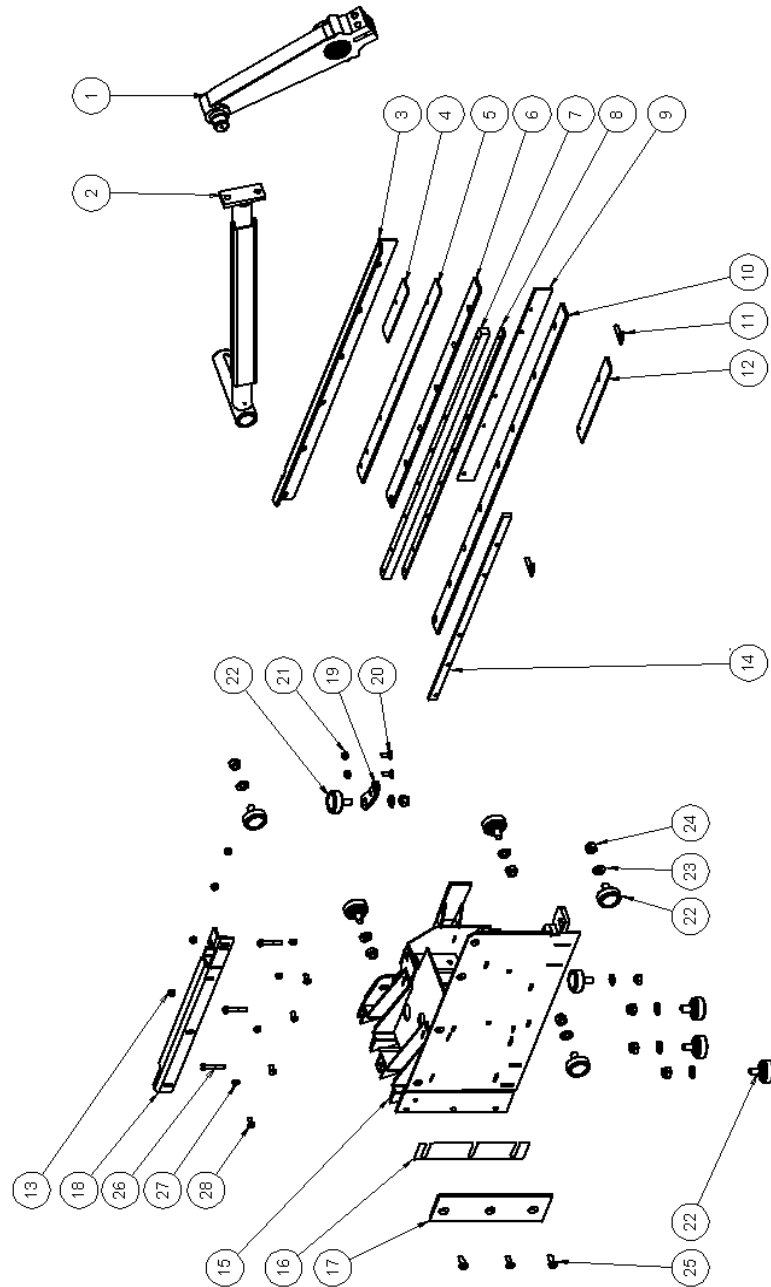
PICK-UP CLUTCH



PICK-UP CLUTCH (ASSEMBLY) 10631584

Sr. No.	Description	ERP No.	Qty.
1	Pick-up Clutch Casting	10631284	1
2	Pick-up Clutch Shaft	10290180	1
3	Rondel - A 10,5	10270416	16
4	Bolt - M10 x 40	10261133	4
5	Fibered Nut - M10	10280127	4
6	Cotter	10020363	1
7	Roller Bearing - 6006 2RS	10050257	2
8	Snap Ring - 55 x 2	10460068	2
9	Outer Snap Ring - 30 x 1,2	10460069	1
10	Pick-up Bearing Spacer Bush	10070209	1
11	Grease Fitting 3/8" H1	10631285	1
12	Pick-up Clutch Mounting Washer	10070210	1
13	Springed Rondel - A 10	10270419	1
14	Bolt - M10 x 30	10260533	1
15	Pick-up Bearing Chain Wheel 3/4" - Z=38	10420023	1
16	Pick-up Brake Lining Upper	10631286	1
17	Pick-up Brake Lining	10631287	2
18	Casting Bearing	10631288	1
19	Pick-up Clutch Shear Connector M10	10631289	4
20	Pick-up Brake Lining Compression Spring	10210163	4
21	Lock Nut M10	10280233	8
22	Rivet Stock	10631290	16

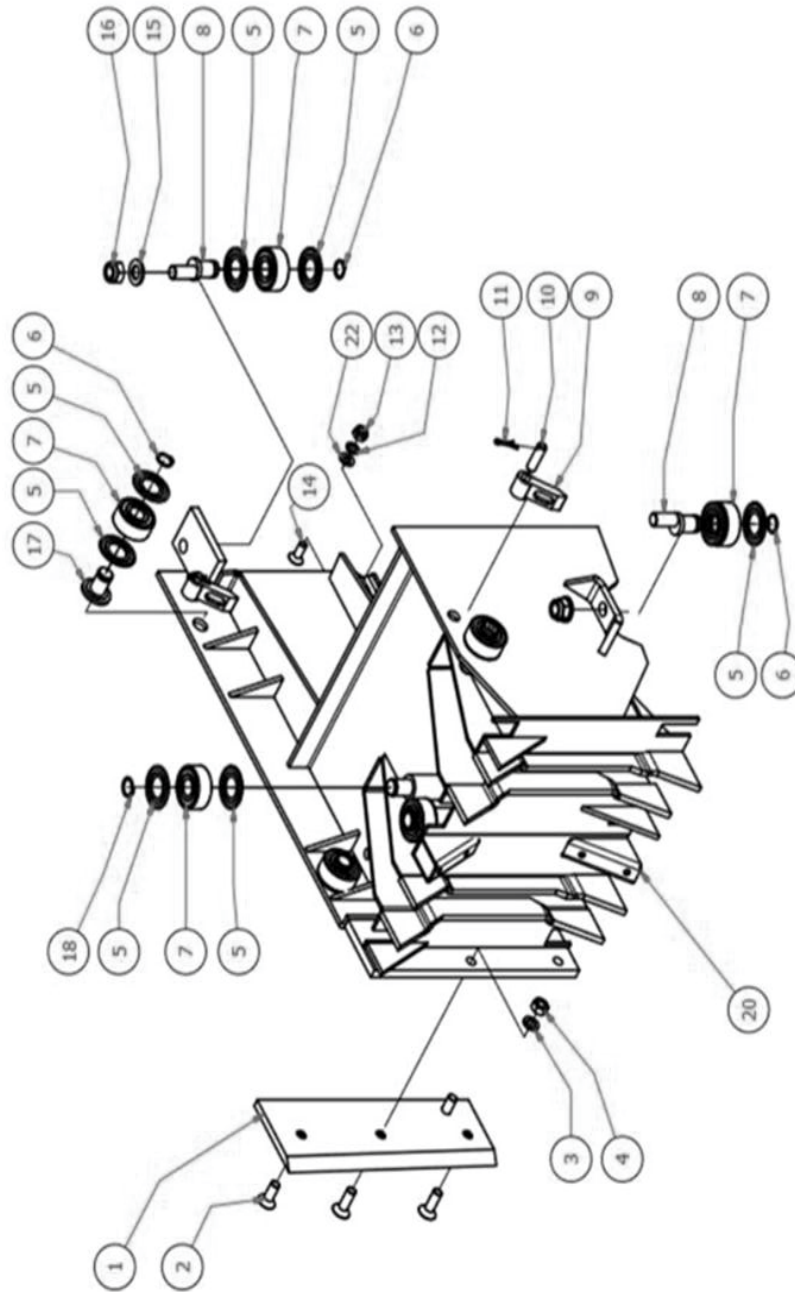
PISTON CHAMBER



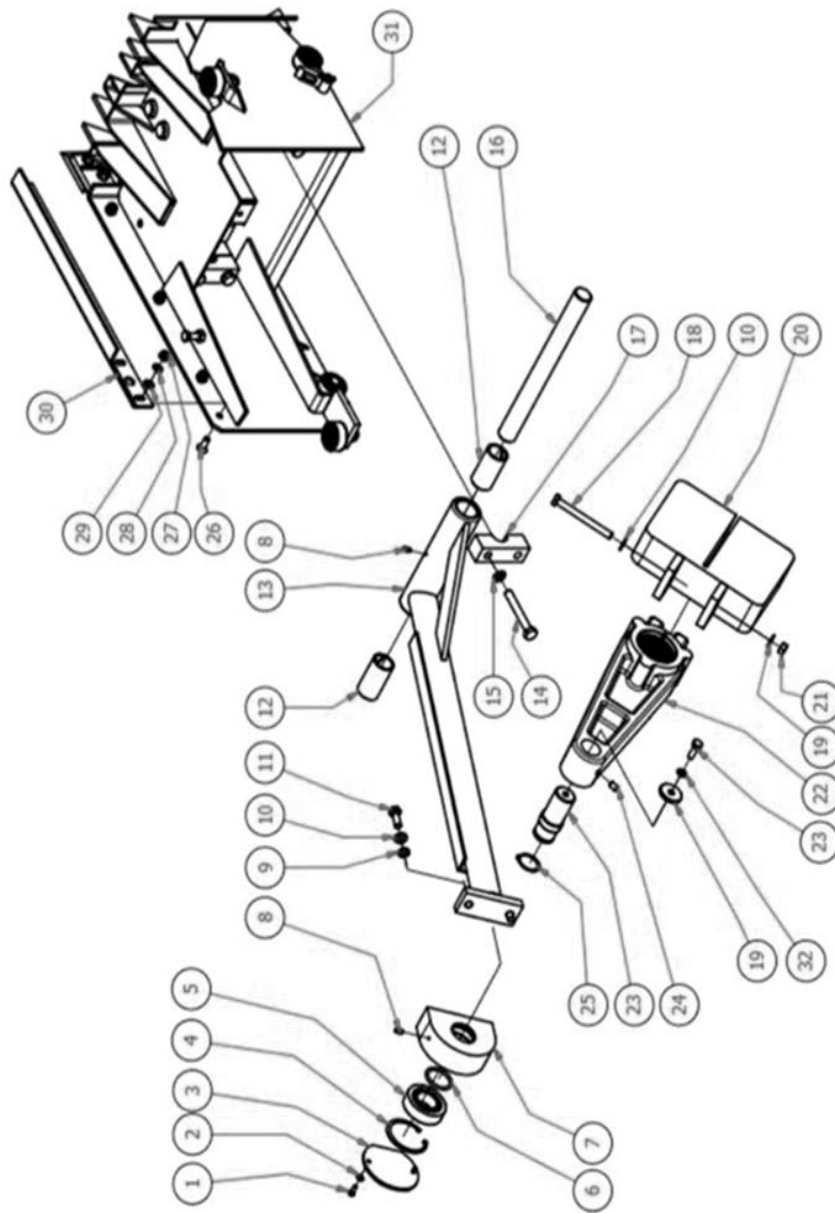
PISTON CHAMBER (ASSEMBLY) 10631585

Sr. No.	Description	ERP No.	Qty.
1	PISTON CRANK LEVER	10631827	1
2	PISTON ROD (KE 565)	10631828	1
3	LEFT SIDE SLIDER PLATE	10631796	1
4	LEFT UPPER SLIDER BUTTOM PLATE	10631797	1
5	LEFT UPPER SLIDER BOLT	10631798	1
6	LEFT LOWER SLIDER BOLT	10631799	1
7	MID LOWER SQUARE HEADED BOLT PIPE	10631800	1
8	MID LOWER SQUARE HEADED BOLT BUTTOM PLATE	10631801	1
9	RIGHT SIDE SLIDER PLATE	10631802	1
10	RIGHT SIDE LOWER SLIDER BOLT	10631803	1
11	LOWER LOWER SQUARE HEADED BOLT TNSION	10631804	2
12	LEFT LOWER SLIDER SUPPORT PLATE	10631805	1
13	FIBERED NUT - M10	10631740	4
14	RIGHT LOWER KNIFE SLIDER BOLT	10631806	1
15	KE 565 PISTON	10631829	1
16	PISTON KNIFE LOWER PLATE	10631830	2
17	PISTON KNIFE	10631725	1
18	PISTON UPPER CONTROL PLATE	10631831	1
19	PISTON SIDE CONTROL PLATE	10631832	1
20	BOLT M10X35	10261184	2
21	FIBERED NUT - M10	10631740	2
22	SPECIAL ROLLER BEARING	10631718	10
23	RONDEL - M18	10631833	10
24	FIBERED NUT - M18	10280434	10
25	COUNTERSUNK ALLEN BOLT - M12X35	10631731	3
26	BOLT M10X60	10261170	3
27	RONDEL - M10	10270428	4
28	BOLT M10X25	10261425	4

PISTON

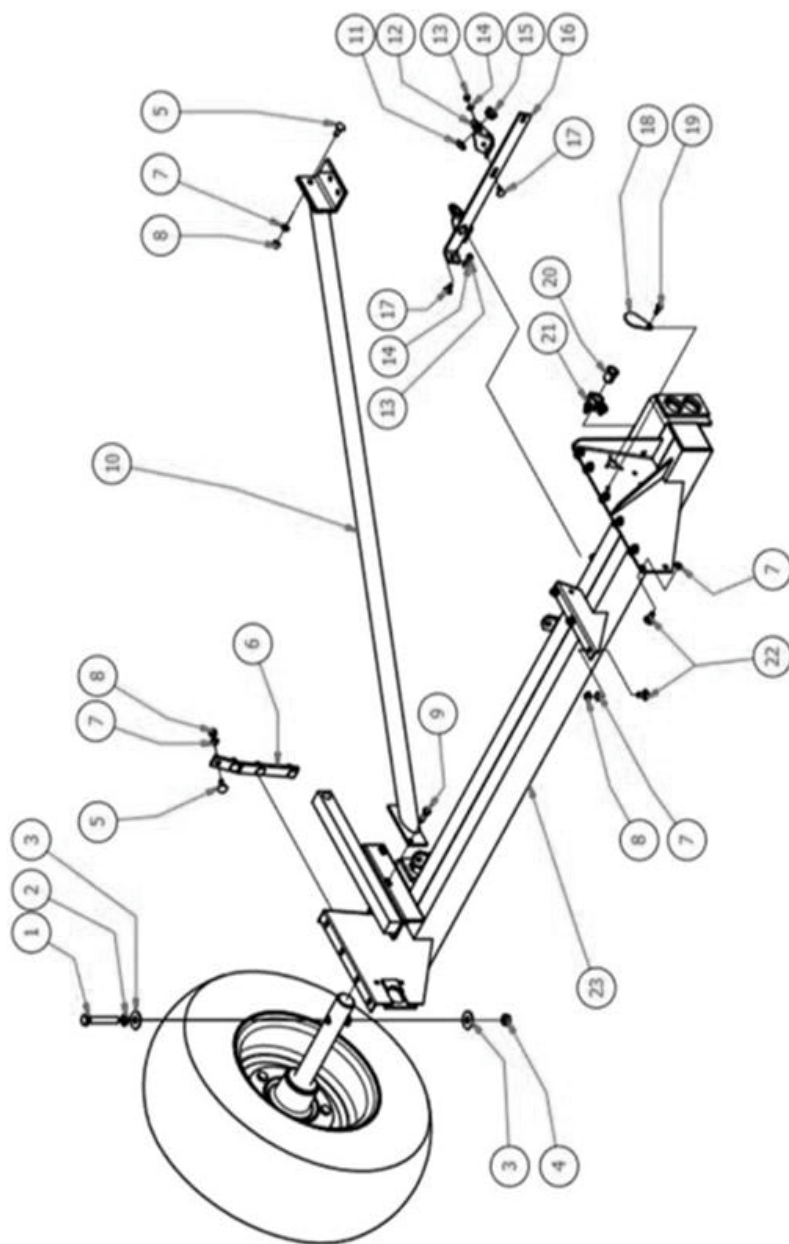


PISTON (ASSEMBLY) 10631586			
Sr. No.	Description	ERP No.	Qty.
1	Piston Knife	10520003	1
2	Countersunk Allen Bolt - M12x35	10261141	2
3	Springed Rondel - A 12	10270418	4
4	Ring Nut - M12	10280364	6
5	Roller Bearing Hatch	10050403	14
6	Outer Snap Ring - 19x1,2	10460070	5
7	Roller Bearing 62304 2RS	10050404	7
8	Eccentric Roller Bearing	10050405	3
9	Scaler	10520004	2
10	Scaler Shaft	10290181	2
11	Cotter Pin - 4 x 20	10020365	2
12	Knurl Rondel - A 10,5	10270416	4
13	Fibred Nut - M10	10280127	4
14	Countersunk Allen Bolt - M10x25	10261142	4
15	Rondel - A 17	10270421	3
16	Fibred Nut - M16	10280152	3
17	Roller Bearing Shaft	10290182	2
18	Outer Snap Ring - 20x1,2	10460071	2
19	Rondel - A 10,5	10270416	4
20	Moving Piston	10520005	1
22	Rondel - M10	10270428	1

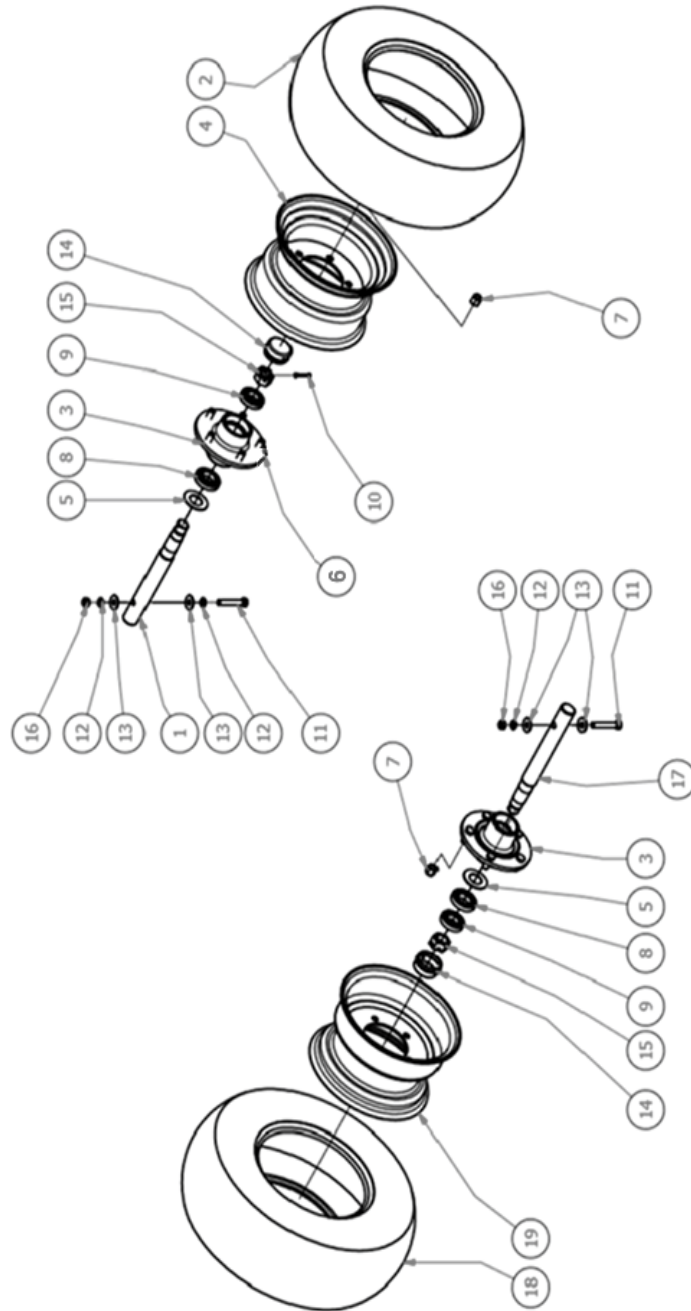


PISTON (ASSEMBLY) 10631587			
Sr. No.	Description	ERP No.	Qty.
1	Bolt - M6 x 16	10260567	2
2	Rondel - A 6,4	10270429	2
3	Roller Bearing Hatch	10050403	1
4	Inner Snap Ring - 80 x 2,5	10460072	1
5	Double Roller Bearing - 222 08 - 40 x 80 x 23	10050406	1
6	O-Ring - 55 x 45 x 5	10460073	1
7	Gearbox Eccentric Roller Bearing	10050407	1
8	Grease Fitting - 1/4"	10631277	2
9	Springed Rondel - A 12	10270418	6
10	Rondel - A 13	10270426	6
11	Bolt - M12 x 35	10261143	2
12	Steel Coated Bush	10070211	2
13	Piston Rod	10520002	1
14	Shoulder Bolt - M14 x 100	10261144	4
15	Springed Rondel - A 14	10631293	4
16	Piston Rod Moving Shaft	10290183	1
17	Piston Rod Connection (Set)	10631294	2
18	Shoulder Bolt - M12 x 120	10261145	2
19	Washer Ø45 X 6	10270430	1
20	Weight	10631295	1
21	Ring Nut - M12	10280364	2
22	Gearbox Jack	10490048	1
23	Gearbox Piston Shaft	10290184	1
24	Setscrew Bolt - M10 x 16	10261146	1
25	Outer Snap Ring - 40x1,75	10460076	1
26	Countersunk Allen Bolt - M10x25	10261142	4
27	Fibered Nut - M10	10280127	4
28	Knurl Rondel - A 10,5	10631296	4
29	Rondel - A 10,5	10270416	4
30	Piston Upper Angle Iron	10631297	1
31	Moving Piston (Mounting)	10631298	1
32	Springed Rondel - A 10	10270419	1

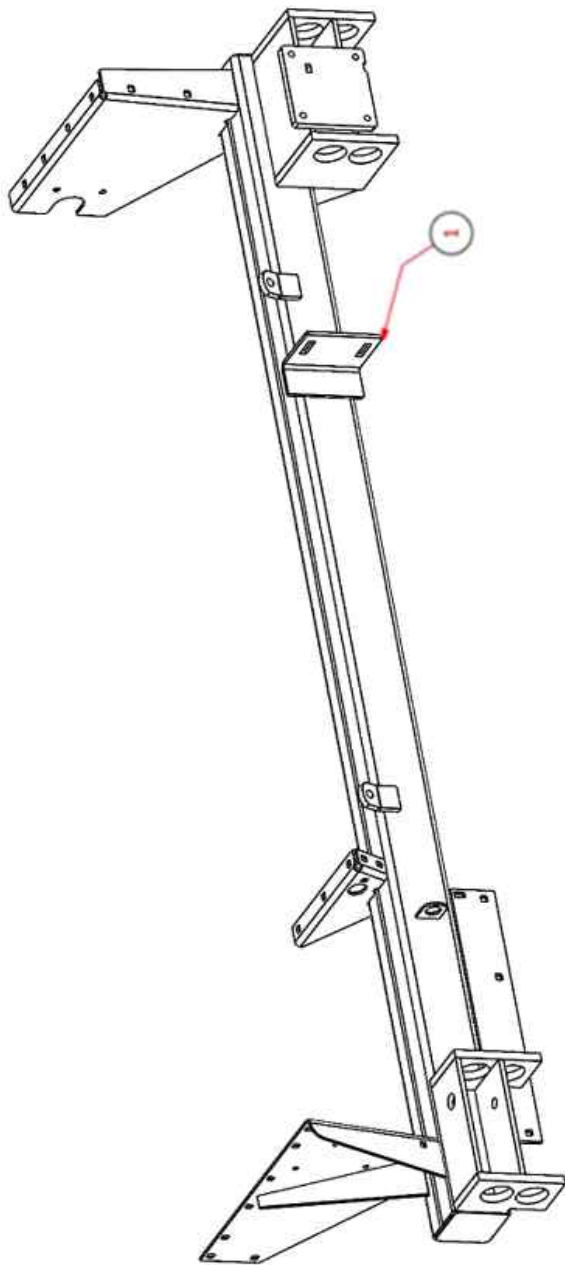
AXLE (SHORT)



AXLE (SHORT) ASSEMBLY (10631588)			
Sr. No.	Description	ERP No.	Qty.
1	Bolt - M16 x 100	10261147	2
2	Springed Rondel - A 16	10631299	4
3	Rondel(inch) - 5/8 - Regular - Type B	10631300	4
4	Ring Nut - M16	10280367	2
5	Square Headed Bolt - M10 x 30	10261123	5
6	Axle Connection Plate	10130042	1
7	Rondel - A 10,5	10270416	16
8	Fibered Nut - M10	10280127	15
9	Bolt - M10 x 30	10260533	2
10	Axle Tension Rod	10160111	1
11	Outer Snap Ring - 25x1,2	10460075	3
12	Twine Feeder	10631301	2
13	Fibered Nut - M8	10610860	5
14	Rondel - A 8,4	10270427	5
15	Collimator	10631302	3
16	Axle Group Collimator Connection	10631303	1
17	Square Headed Bolt - M8 x 20	10261148	3
18	Axle Group Hatch	10631304	1
19	Bolt - M8 x 20	10260630	1
20	Bearing Bush	10070204	1
21	Triangle Bearing	10050397	1
22	Square Headed Bolt - M10 x 25	10261149	9
23	Axle (short)	10631305	1

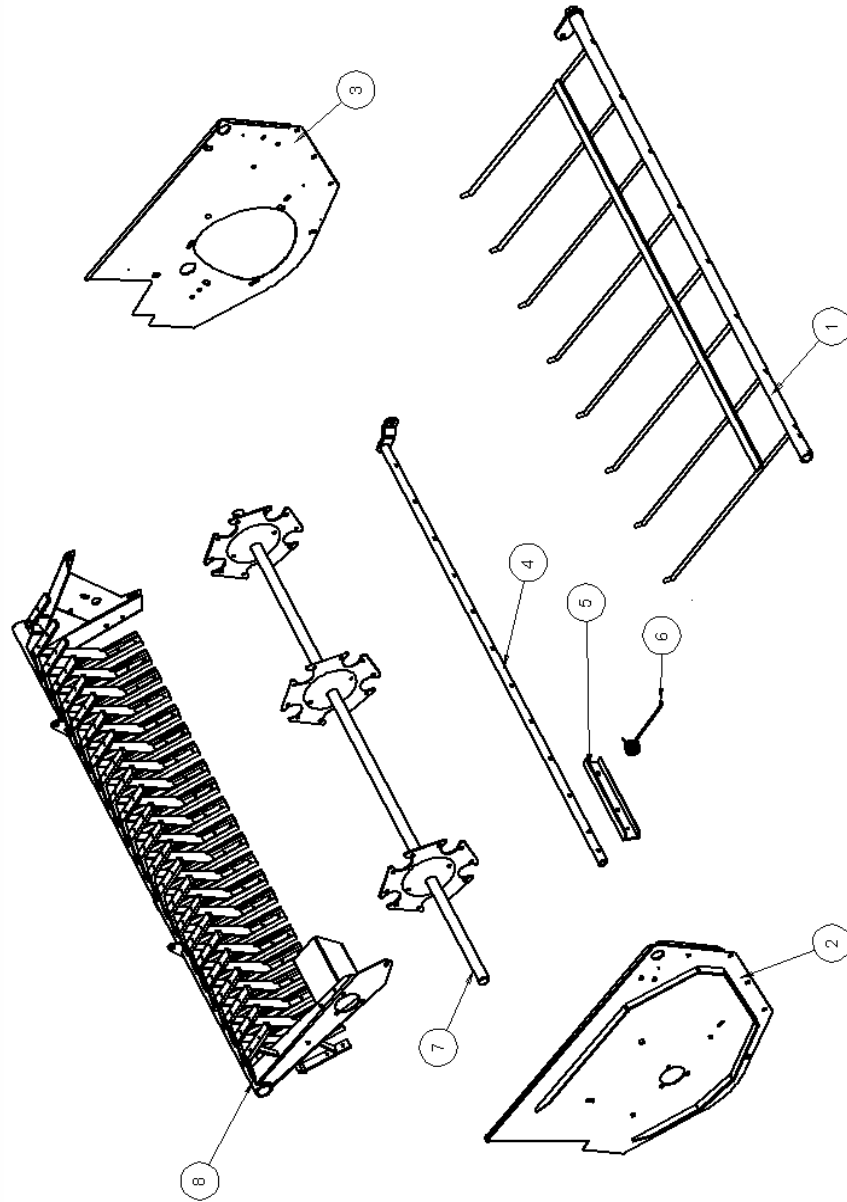


WHEELS (ASSEMBLY) 10631589			
Sr. No.	Description	ERP No.	Qty.
1	Short Axle Shaft (Left)	10290185	2
2	Outer Tyre 10,0/75 - 15,3 (Left)	10350047	2
3	Grease Cap (KE 555)	10631306	2
4	Wheel Rim 9,00 x 15,3 5 Lug Nut (Left)	10631307	2
5	Axle Washer	10270431	2
6	Lug Nut	10280368	10
7	Lug Nut Bar	10631308	10
8	Taper Roller Bearing - 30209 - 45 x 85 x 20,75	10050408	2
9	Taper Roller Bearing - 30208 - 40 x 80 x 19,75	10050409	2
10	Cotter Pin - 5 x 50	10631309	2
11	Bolt - M16 x 100	10261147	2
12	Springed Rondel - A 16	10631299	4
13	Rondel(inch) - 5/8 - Regular - Type B	10631300	4
14	Grease Cap	10631306	1
15	Crown Nut	10280363	1
16	Ring Nut - M16	10280367	1
17	Long Axle Shaft (Right)	10290186	1
18	Tyre 225 X 70 X 15 TUBLES 8 PLY - 15,3 (Right)	10350057	1
19	Wheel Rim 225 X 70 X 15 5 Lug Nut (Right)	10631310	1

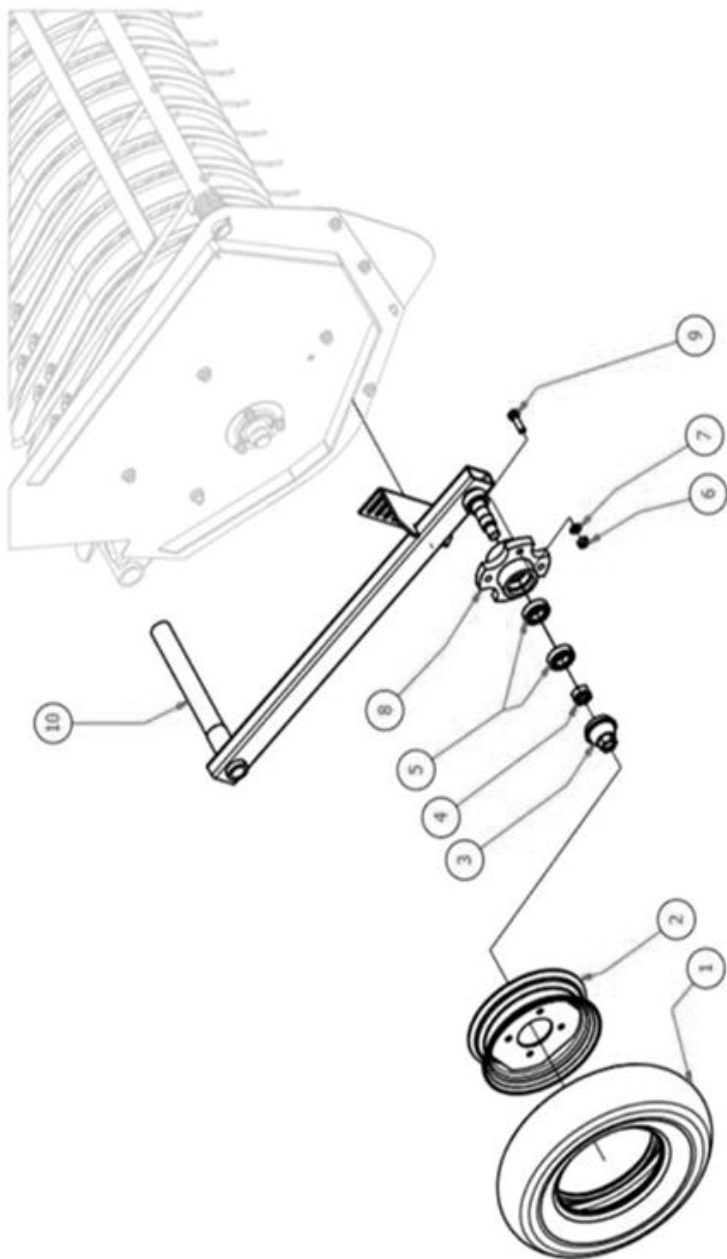


AXLE (LARGE)			
Sr. No.	Description	ERP No.	Qty.
1	Axle	10110051	1

PICK-UP SYSTEM

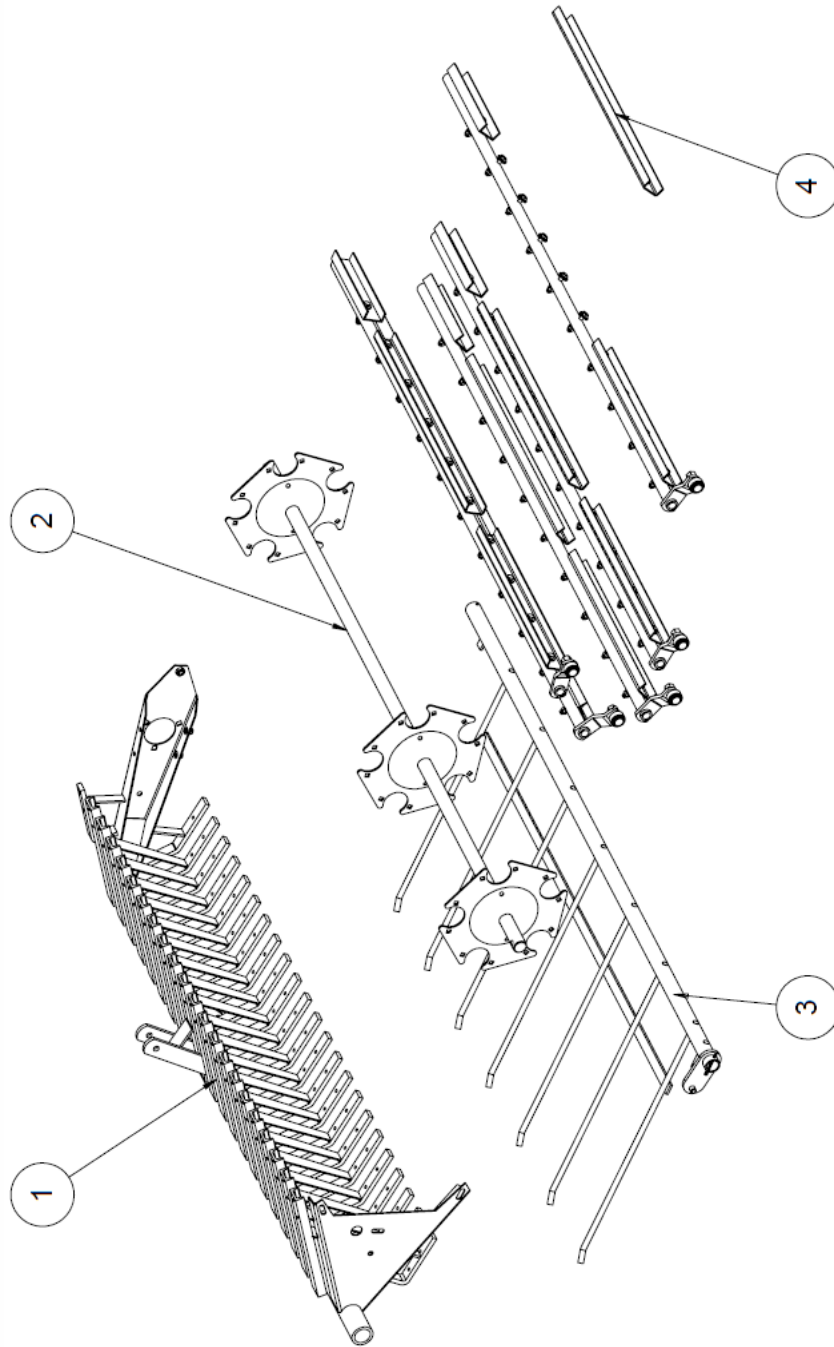


PICK-UP SYSTEM (10631892)			
Sr. No.	Description	ERP No.	Qty.
1	COLLECTION RAKE	10631888	1
2	PICK-UP RIGHT SIDE PLATE	10631834	1
3	PICK-UP LEFT SIDE PLATE	10631835	4
4	PICK-UP SPRING PIPE	10631836	5
5	PICK-UP SHORT U PLATE	10631837	5
6	565 PICK-UP SEMI SPRING	10631838	5
7	PICK-UP STAR SPINDER	10631839	1
8	PICK-UP BODY	10631840	1

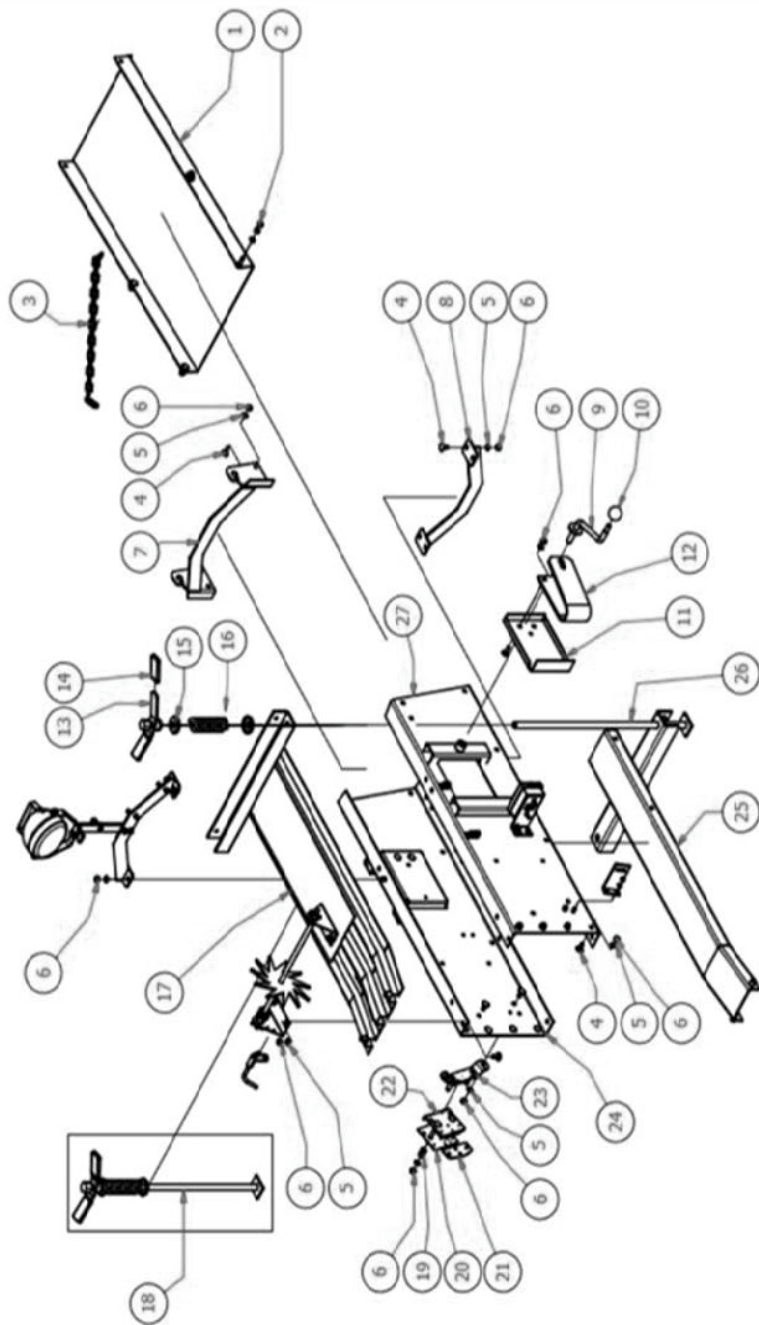
**SUPPORT WHEEL (ASSEMBLY) 10631593**

Sr. No.	Description	ERP No.	Qty.
1	Pick-up Support Wheel	10420024	1
2	Pick-up Support Wheel - 400 8	10420025	1
3	Grease Cap	10631306	1
4	Crown Nut	10280363	1
5	Roller Bearing - 6005	10050414	2
6	Ring Nut - M10 x 1,5	10280365	5
7	Rondel - A 10,5	10270416	8
8	Small Grease Cap	10631318	1
9	Bolt - M10 x 35	10261130	4
10	Support Wheel Profile	10631319	1

SUPPORT WHEEL



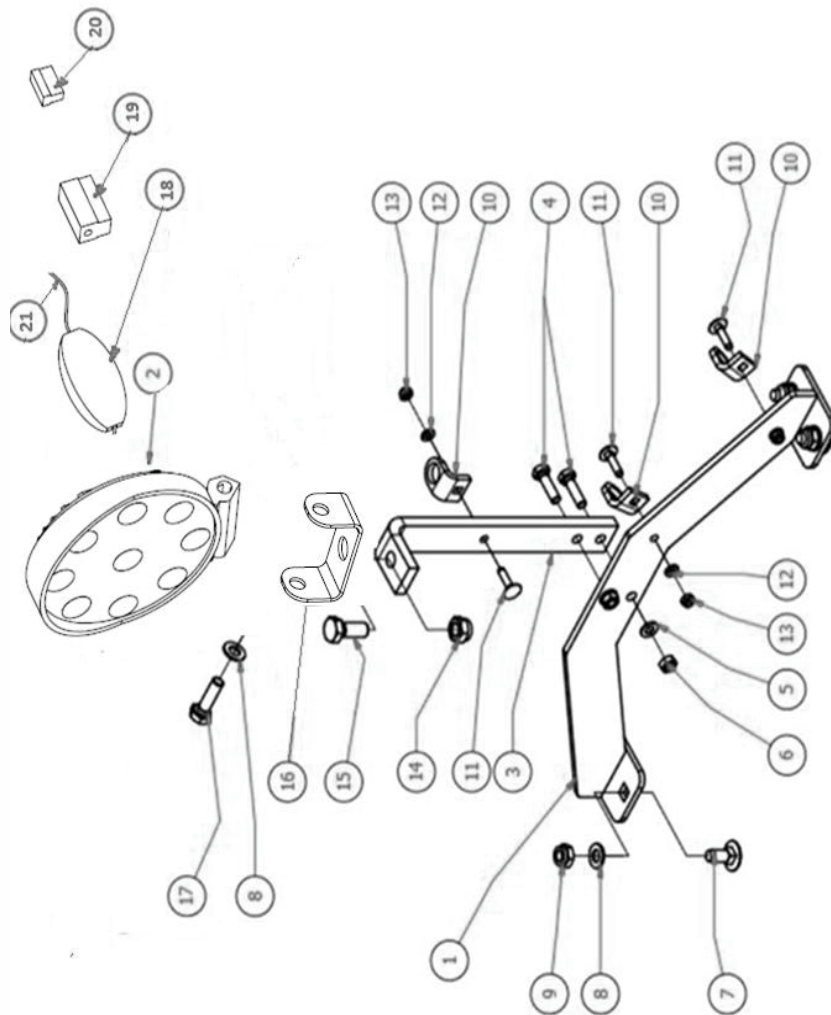
PICK-UP SYSTEM (LARGE) ASSEMBLY (10631594)			
Sr. No.	Description	ERP No.	Qty.
1	Pick-up body	10631312	1
2	Pick-up main shaft	10290187	1
3	Pick-up Pipe	10200099	5
4	Spring Connection Long U Plate	10130046	10



BALE CHAMBER (ASSEMBLY) 10631595

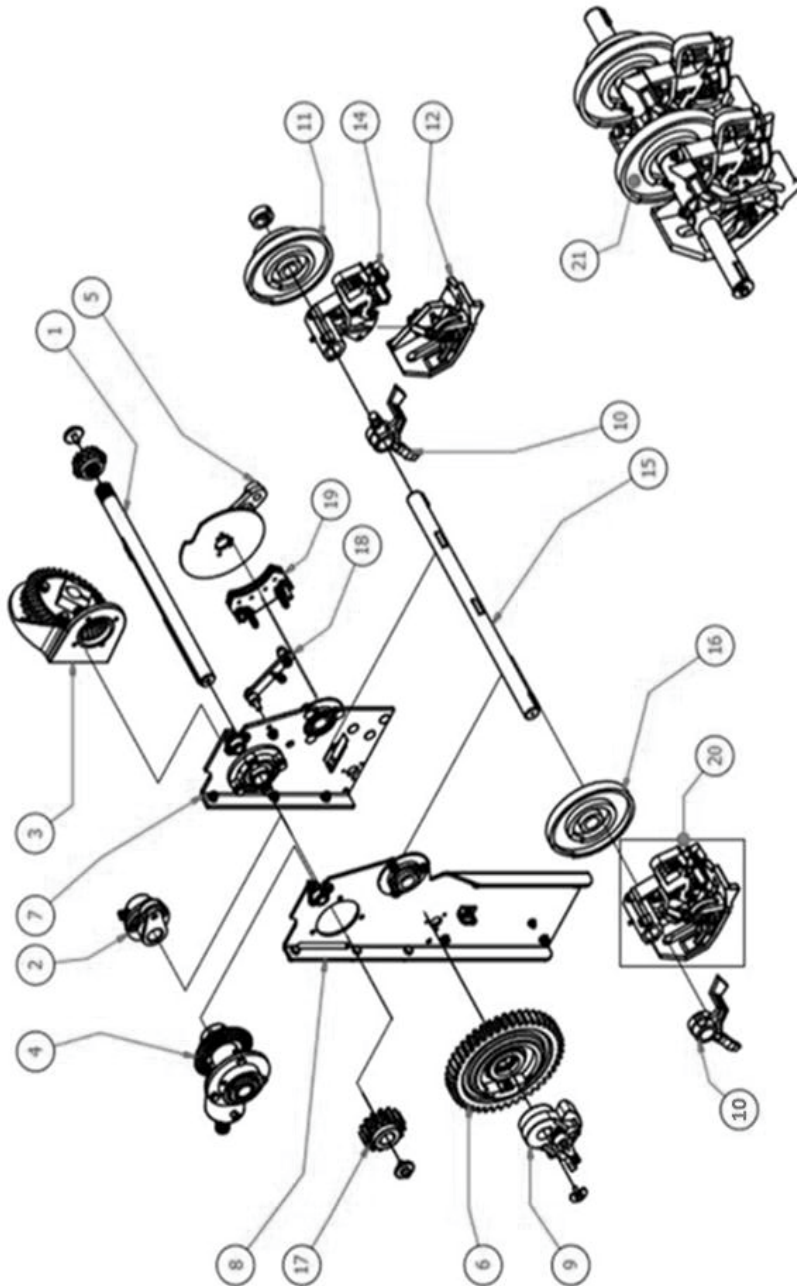
Sr. No.	Description	ERP No.	Qty.
1	Baler Outlet gate	10631320	1
2	Ring Nut - M10 x 1,5	10280365	10
3	Baler back Hatch Chain	10631321	2
4	Square Headed Bolt - M10 x 25	10261149	26
5	Rondel - A 10,5	10270416	38
6	Fibered Nut - M10	10280127	32
7	Baler Compression Belt Plate	10631322	1
8	Lower belt Connection Plate	10631323	1
9	Lever	10631324	2
10	Lever Knob	10631325	2
11	Baler Compression Window Plate	10631326	2
12	Baler Compression U Plate	10631327	2
13	Contrast Control Lever	10631328	2
14	Tyre Handle	10631329	4
15	Spring Support Plate	10631330	4
16	Baler Contrast Control Spring	10210168	2
17	Upper Slider	10631331	1
18	Baler Contrast Control Set	10631332	2
19	Brake Lining Compression Spring	10210169	2
20	Brake Lining Connection Plate	10631333	1
21	Brake Lining Needle Saddle Pressing	10631334	2
22	Brake Lining Connection Check Plate	10010160	1
23	Brake Lining Group Connection Plate	10631335	1
24	Baler Compression Side Plate(Left)	10631336	1
25	Compression Slider Lower Plate	10631337	1
26	Baler Contrast Control Cord	10631338	2
27	Baler Compression Side Plate (Right)	10631339	1

LIGHTENING SYSTEM

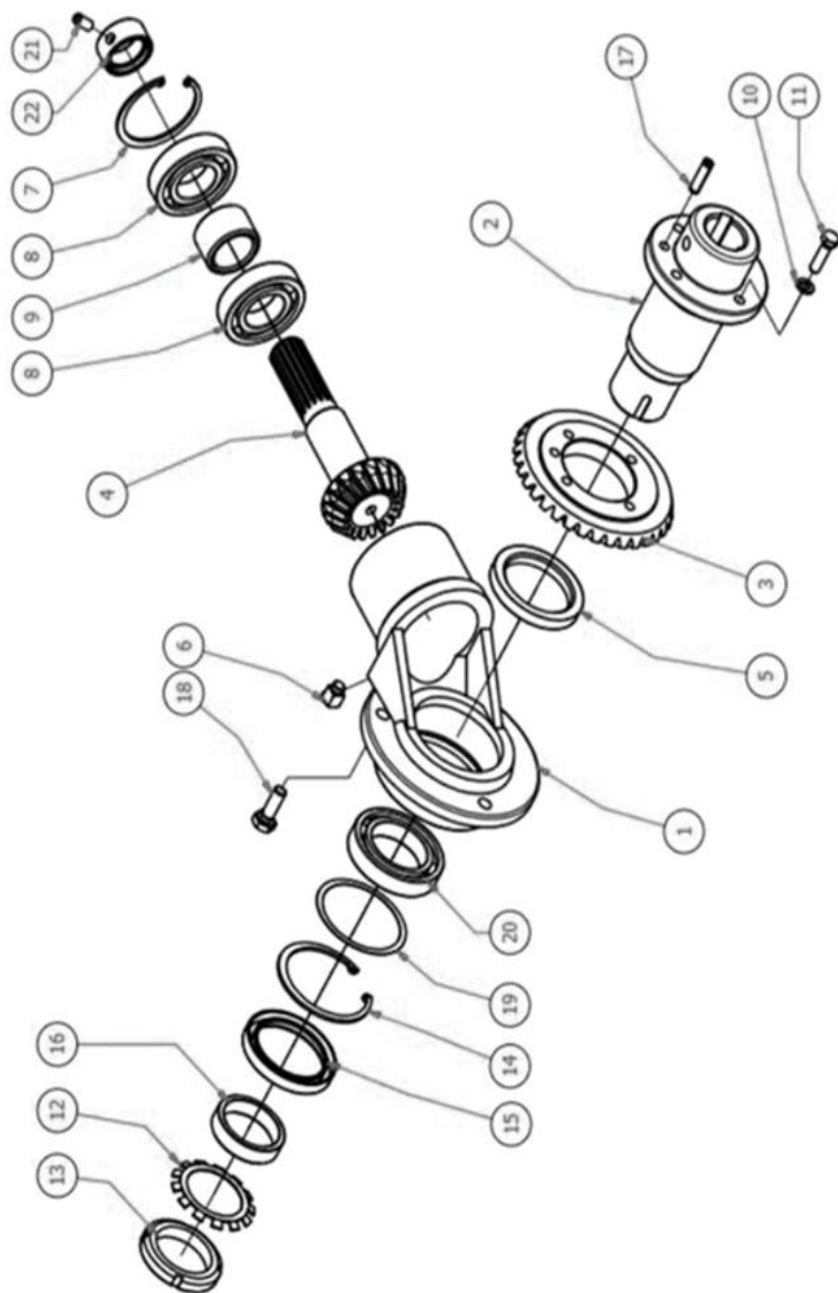


LIGHTENING SYSTEM (ASSEMBLY) 10631596

Sr. No.	Description	ERP No.	Qty.
1	Baler Compression Upper Belt	10631340	1
2	Headlight 9 LED 27W slim 10-36V round	10631341	1
3	Lamp Connection Bolt	10261158	1
4	Bolt - M8 x 30	10261159	2
5	Rondel - A 8,4	10070205	2
6	Ring Nut - M8	10280371	2
7	Square Headed Bolt - M10 x 25	10261149	4
8	Rondel - A 8,4	10070205	4
9	Fibered Nut - M10	10280127	4
10	Cable Connection Plate	10130028	3
11	Square Headed Bolt - M6 x 25	10261160	3
12	Rondel - A 6,4	10270429	3
13	Fibered Nut - M6	10280147	3
14	Fibered Nut - M12	10610902	1
15	Hexagon Bolt - M8 x 25	10261161	1
16	Headlight Connection Plate	10631342	1
17	Bolt - M10 x 65	10261162	2
18	Black Switch	10631343	1
19	Connector Trio Male	10631344	1
20	Connector Trio Female	10631345	1
21	Male Claw Cable long	10631346	2



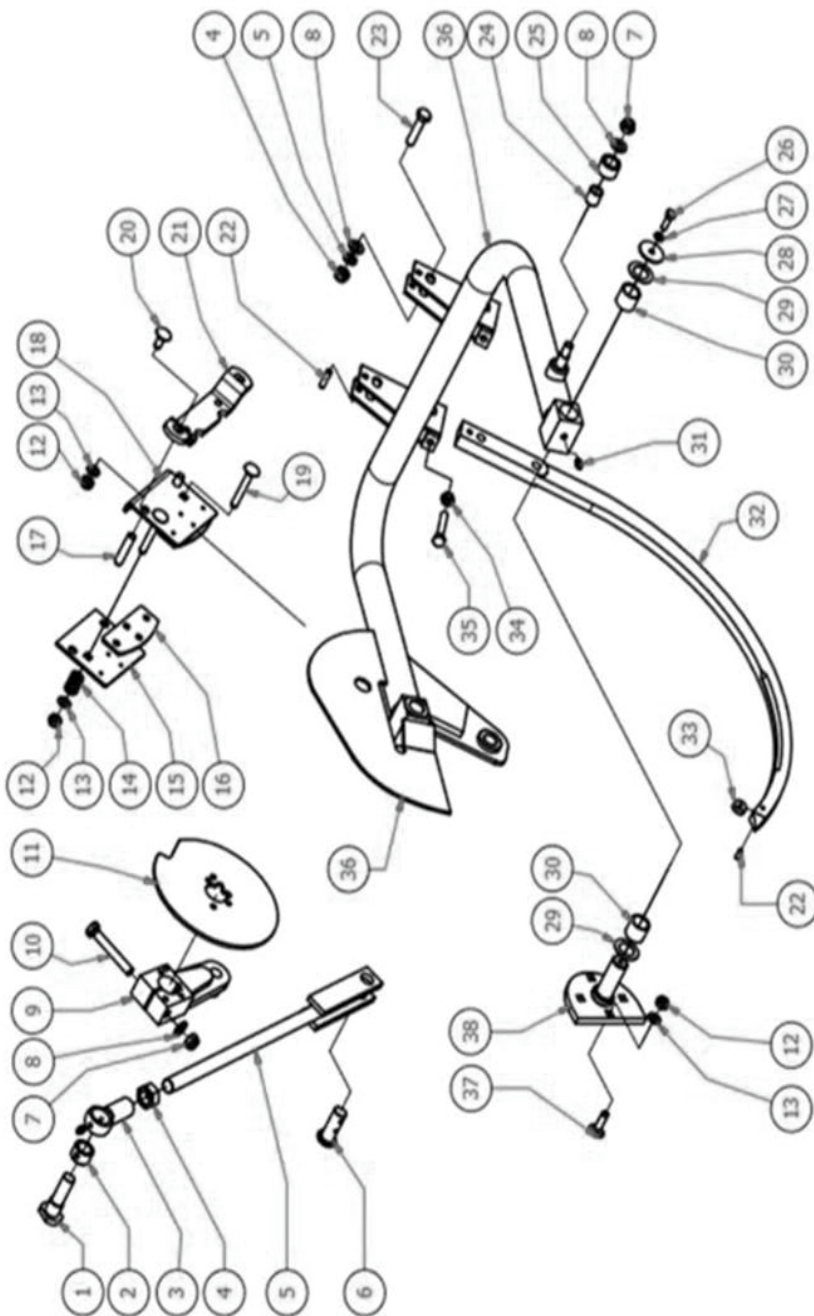
KNOTTER SYSTEM (ASSEMBLY) 10631597			
Sr. No.	Description	ERP No.	Qty.
1	Knotter Powertrain Shaft	10290189	1
2	Twine Diverter Movement Lock-catch	10631347	1
3	Knotter Final Drive	10631348	1
4	Knotter Drive Bevel Gear	10631349	1
5	Needle Saddle Connection Lever	10631350	1
6	Spur Gear Large Z=45	10250134	1
7	Knotter group Connection Plate (Sol)	10631351	1
8	Base Frame Connection Plate	10631352	1
9	Crescent-type Lever automatic	10631353	1
10	Twine feeder to shuttle Knotter Group	10631354	1
11	Hammered Dish type Gear	10250135	1
12	Knotter Lower Table	10631355	2
14	Knotter Group Log	10631356	2
15	Knotter group Shaft	10290190	1
16	Dish type Gear	10250136	1
17	Knotter Small Spur Gear Z=15	10250137	1
18	Knotter disk brake Bolt	10261163	1
19	Needle Saddle Brake Lining	10631357	1
20	Knotter group	10631358	2
21	Knotter (Full Set)	10631359	2



FEEDING FORK SYSTEM (ASSEMBLY) 10631598

Sr. No.	Description	ERP No.	Qty.
1	Final Drive Connection Bearing	10631360	1
2	Final Drive Gear disc	10631361	1
3	Small Final Drive Gear (bevel drive)	10250138	1
4	Small Final Drive Shaft (bevel drive)	10290191	1
5	Seal Ring - Ø80 x 60 x 8	10460076	1
6	Grease Fitting -3/8" Curve	10631362	1
7	Inner Snap Ring - 72 x 2,5	10460077	1
8	Roller Bearing - 6207	10631363	2
9	Spacing Bush	10070213	1
10	Springed Rondel - A 8	10070203	4
11	Bolt - M8 x 30	10261159	4
12	Security Shield - MB 10	10631364	1
13	Security Ring Nut - KM10	10631365	1
14	Inner Snap Ring - 80 x 2,5	10460078	1
15	Seal Ring Ø80 x Ø60 x 10	10460079	1
16	Bush Ø60x Ø50 x 14	10070214	1
17	Cylindrical Bolt - 8x30-St	10261164	1
18	Bolt - M10 x 30	10260533	1
19	Liner	10030020	1
20	Roller Bearing - 6010	10050415	1
21	Setscrew	10631366	1
22	Setscrew Bush	10631367	1

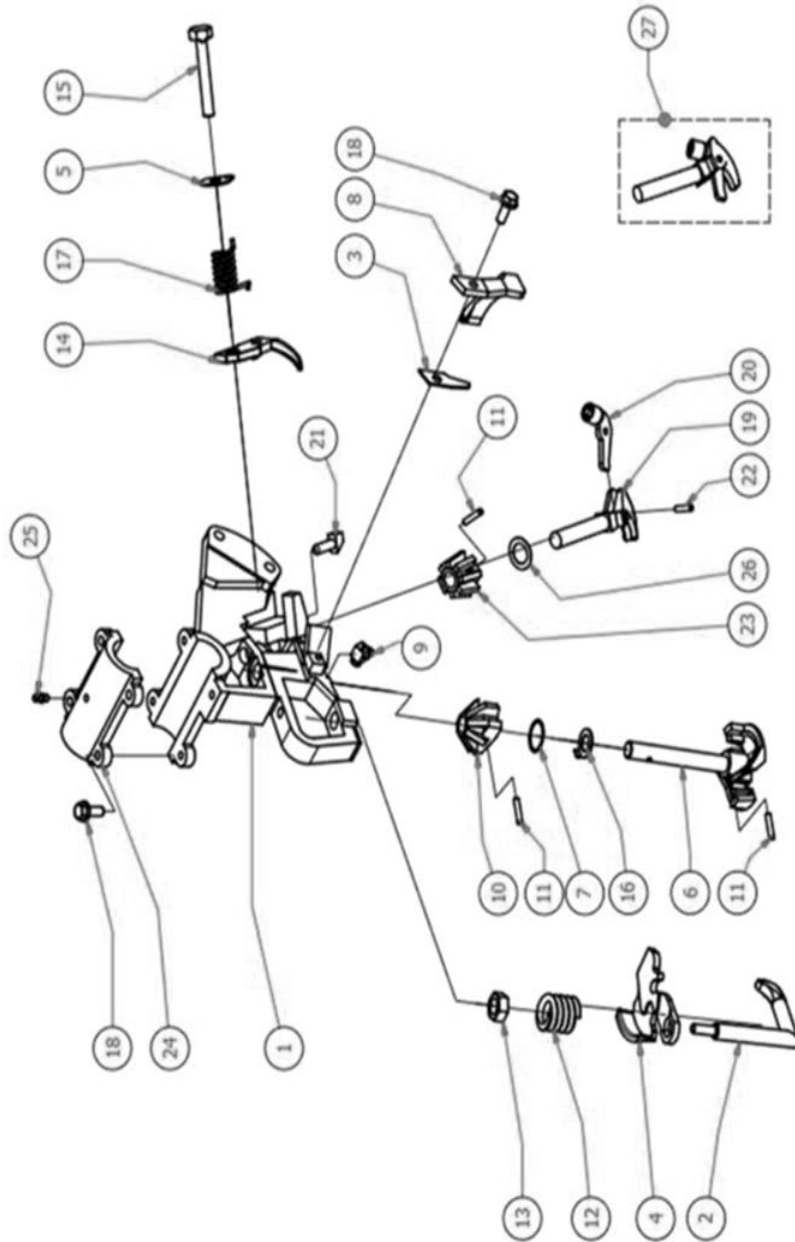
TWINE SYSTEM
NEEDLE SADDLE AND LEVER



TWINE SYSTEM NEEDLE SADDLE AND LEVER (ASSEMBLY) 10631599

Sr. No.	Description	ERP No.	Qty.
1	Connection Bolts	10261165	1
2	Needle Saddle Yellow Bush	10070215	1
3	Joint	10631368	3
4	Ring Nut - M20	10280372	1
5	Needle Saddle Lever	10631369	1
6	Crankpin Connection	10020368	1
7	Fibered Nut - M12	10610902	6
8	Rondel - A 13	10270426	6
9	Needle Saddle Motion Tongs	10631370	1
10	Bolt - M12 x 90	10261166	1
11	Knotter Brake Lining Brake Disk	10631371	1
12	Fibered Nut - M10	10280127	8
13	Rondel - A 10,5	10270416	8
14	Needle Brake Lining Compression Spring	10210170	2
15	Brake Lining Connection Plate	10130051	1
16	Brake Lining Needle Saddle Clamp	10631372	2
17	Connecting Shaft	10290192	2
18	Brake Lining Connection Plate	10130051	1
19	Square Headed Bolt - M10 x 70	10261167	2
20	Square Headed Bolt - M10 x 25	10261149	2
21	Brake Lining Sikma Group Connection Plate	10130052	1
22	Cylindrical Bolt Ø8 x 25	10261168	4
23	Shoulder Bolt - M12 x 50	10261169	4
24	Needle Saddle Bush Small	10070216	1
25	Needle Saddle Bush Large	10070217	1
26	Bolt - M8 x 25	10261092	3
27	Springed Rondel - A 8	10070203	1
28	Washer Ø40 x 3	10270434	1
29	Liner Ø40 x Ø25 x 1	10631373	4
30	Castermid Bush Ø30 x Ø25 x 25	10070218	4
31	Grease Fitting - 3/8" H1	10631374	1
32	Needle	10631375	1
33	Needle Pulley	10631376	2
34	Ring Nut - M10 x 1,5	10280365	2
35	Bolt - M10 x 60	10261170	2
36	KE 555 Needle Saddle	10631377	1
37	Square Headed Bolt - M10 x 35	10261171	4
38	Shaft Connection	10290177	1
39	Saddle Adjust Plate	10631378	2

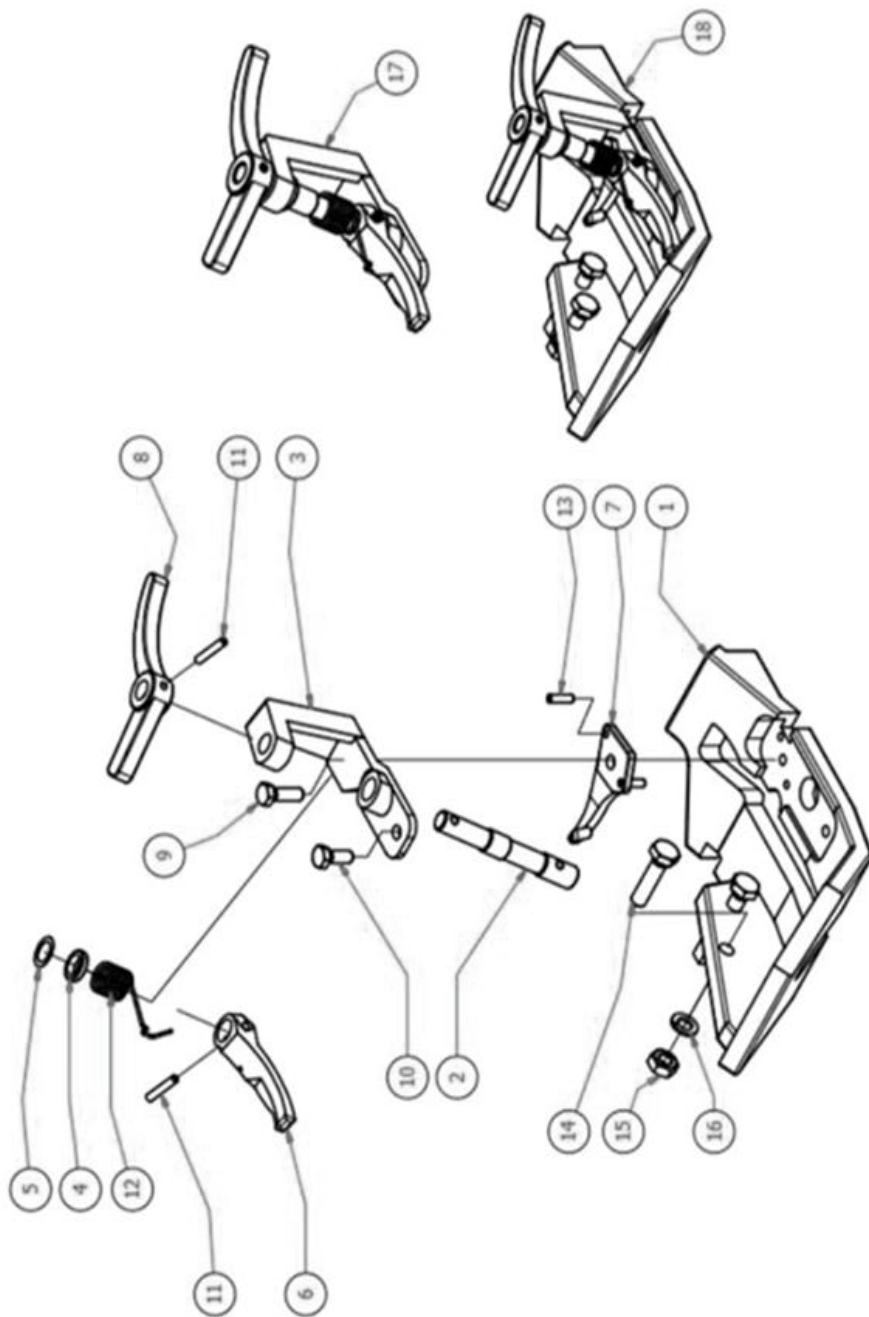
TWINE SYSTEM
KNOTTER SET



TWINE SYSTEM KNOTTER SET (ASSEMBLY) 10631600

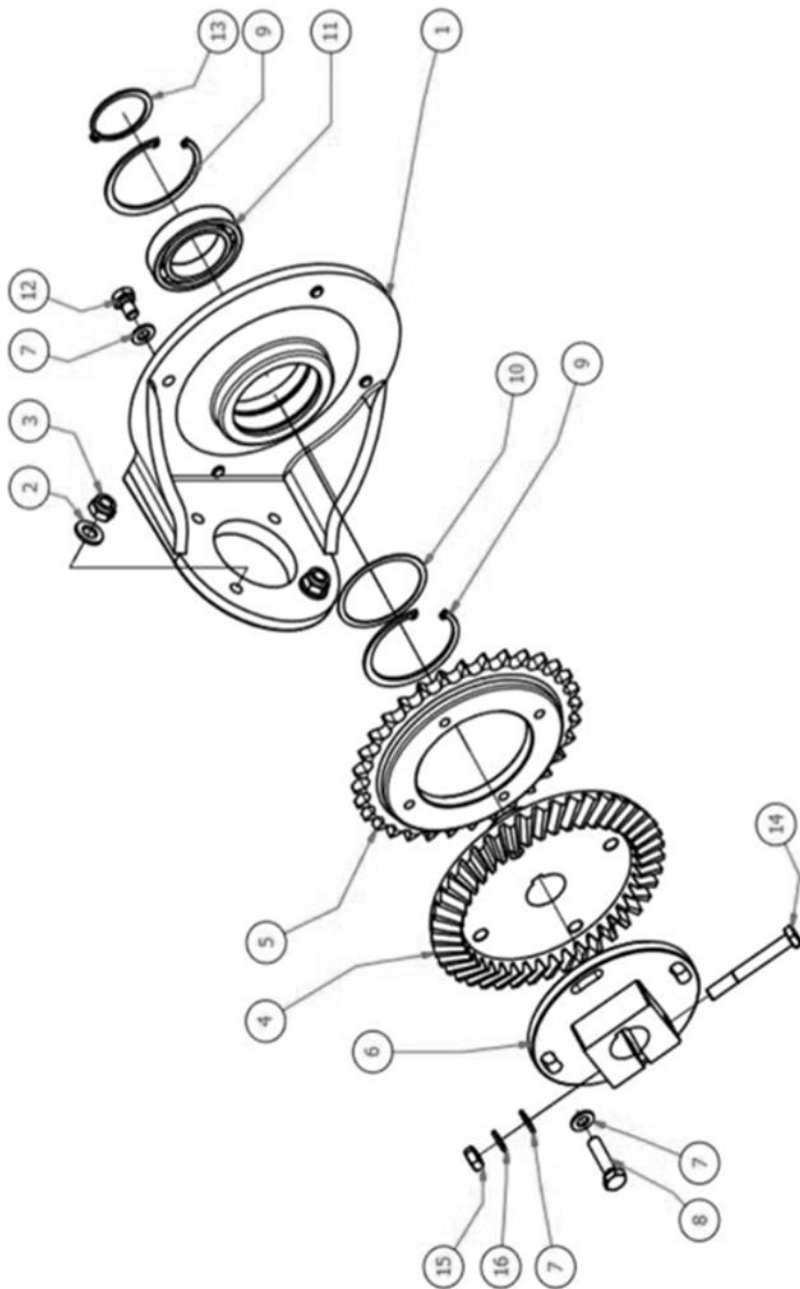
Sr. No.	Description	ERP No.	Qty.
1	Twine Connection Trunk	10631379	1
2	Spring Support	10631380	1
3	Twine cutting knife	10631381	1
4	Star press	10631382	1
5	Connection Washer	10270435	1
6	Star	10631383	1
7	Liner - Ø28 x Ø24 x 0,5	10631384	1
8	Star L Screw	10631385	1
9	Grease Fitting - Eğri 1/4" 45	10631386	1
10	Large Gear	10250139	1
11	Cylindrical Bolt - 5 x 22	10261172	3
12	Knotter Press Spring	10210171	1
13	Ring Nut - M14	10280373	1
14	Stop Ring	10460080	1
15	Bolt 3/8"	10261173	1
16	Washer	10270436	1
17	Knotter Group Cocking Spring 3.5 mm	10210172	1
18	Flanged Bolt - M8 x 20 - B	10261174	5
19	Hook	10560003	1
20	Hook Edge	10560004	1
21	Lock-Bolt	10261175	1
22	Cylindrical Bolt -	10261157	1
23	Small Gear	10250140	1
24	Twine Connection Trunk Cover	10631387	1
25	Grease Fitting - 1/4"	10631277	1
26	Liner 0,2mm	10631388	1
27	Knotter of Hook and Hook Edge	10560005	1

TWINE SYSTEM
KNOTTER SET LOWER TABLE



**TWINE SYSTEM
KNOTTER SET LOWER TABLE (ASSEMBLY) 10631601**

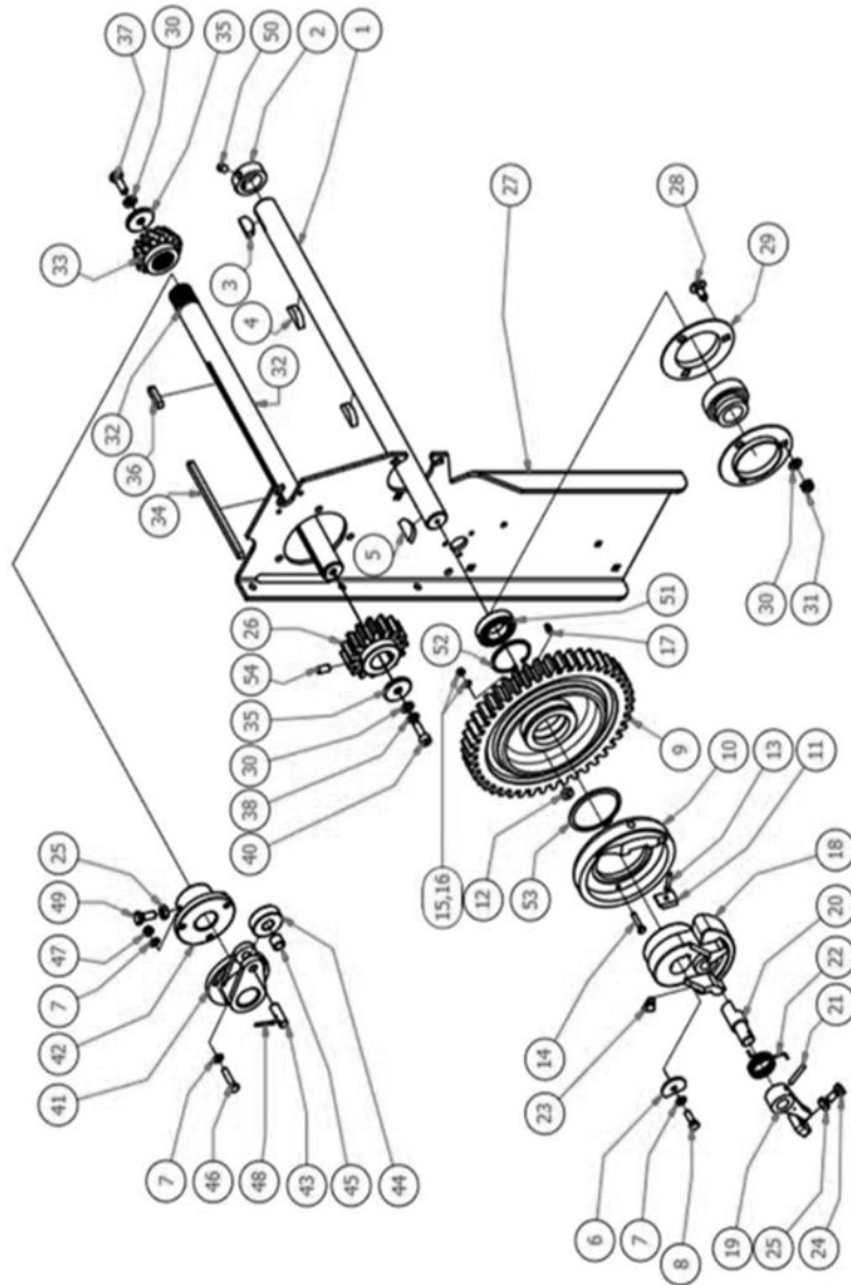
Sr. No.	Description	ERP No.	Qty.
1	Twine Connection Lower Table	10631389	1
2	Twine Scraper Axle	10631390	1
3	Twine Scraper Body	10631391	1
4	Twine Holder Axle Raynel	10631392	1
5	Washer	10270436	1
6	Twine Scraper	10631393	1
7	Fork	10631394	1
8	Twine Scraper Star	10631395	1
9	Bolt - M8 x 25	10261092	1
10	Bolt - M8 x 20	10260630	1
11	Cylindrical Bolt	10261157	2
12	Bobbin Spring	10631396	1
13	Cylindrical Bolt 5 x 18	10261176	2
14	Bolt - M10 x 40	10260537	2
15	Ring Nut - M10	10280374	1
16	Springed Rondel - A 10	10270419	1
17	Knotter Scraper Body (Mounting)	10631397	1
18	Knotter Lower table (Mounting)	10631398	1



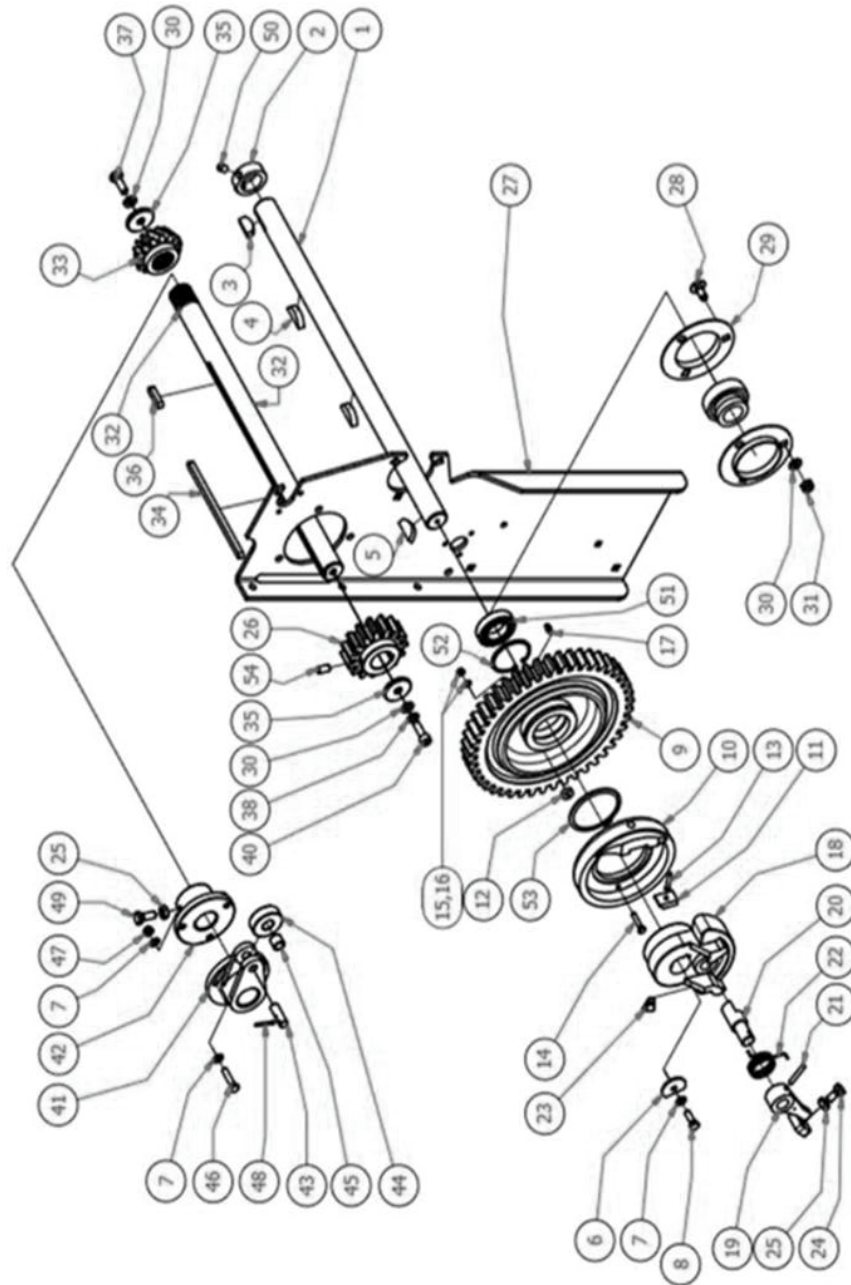
BACK FEEDING FORK FINAL DRIVE (ASSEMBLY) 10631602

Sr. No.	Description	ERP No.	Qty.
1	Final Drive Connection Bearing Large	10631399	1
2	Rondel - A 13	10270426	2
3	Fibered Nut - M12	10610902	2
4	Gear	10250141	1
5	Front Feeding Fork Driving Chain Gear 3/4"-Z=32	10250142	1
6	Front Back Feeding Fork Lever Flange	10230052	1
7	Rondel - A 10,5	10270416	9
8	Bolt - M10 x 40	10260537	4
9	Inner Snap Ring - 82 x 2,5	10460081	2
10	Liner	10030020	1
11	Roller Bearing - 6010	10050415	1
12	Bolt - M10 x 16	10261177	4
13	Snap Ring 50 x 2	10460084	1
14	Shoulder Bolt - M10 x 80	10261178	1
15	Ring Nut - M10 x 1,5	10280365	1
16	Springed Rondel - A 10	10270419	1

KNOTTER SER GEAR SYSTEM

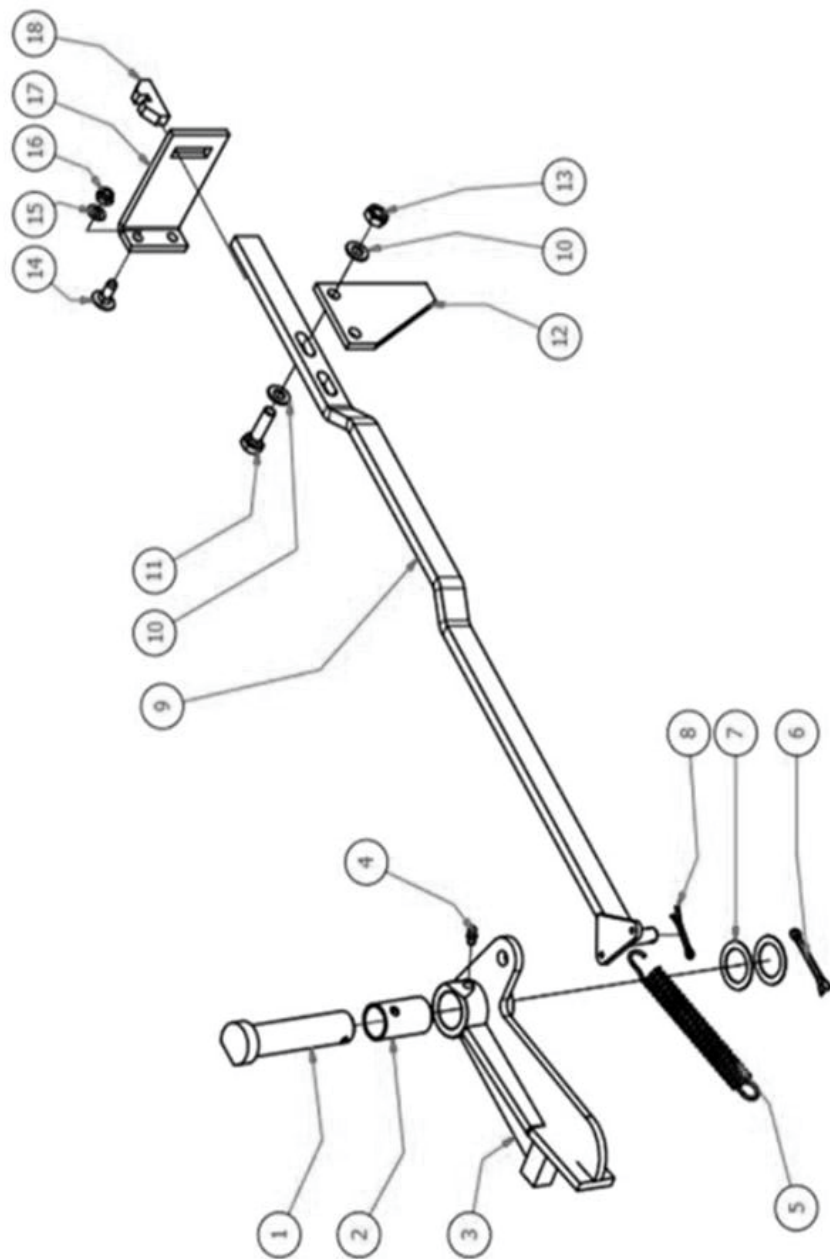


KNOTTER SER GEAR SYSTEM (ASSEMBLY) 10631603			
Sr. No.	Description	ERP No.	Qty.
1	Knotter group Shaft	10290190	1
2	Knotter Shaft Security Bush	10070219	1
3	Split Support Cotter 10 x 16	10631400	1
4	Split Support Cotter	10631401	2
5	Split Support Cotter Clipped Edge	10631402	1
6	Knotter Shaft Washer	10270438	1
7	Rondel - A 8,4	10070205	7
8	Bolt - M8 x 25	10261092	1
9	Knotter Group Spur Gear Large Z=45	10250143	1
10	Knotter Spur Gear Cotter	10631403	1
11	Cotter	10020363	1
12	Bush Ø18 x Ø6 x 6	10070220	1
13	Rivet Stock - 6 x 45	10631404	1
14	Bolt - M6 x 35	10261179	1
15	Rondel - A 6,4	10270429	1
16	Fibered Nut - M6	10280147	1
17	Grease Fitting - 1/4" H1	10631405	1
18	Clamp Mounting	10631406	1
19	Baler Brake Lever	10631407	1
20	Lock-Bolt Shaft	10290193	1
21	Cylindrical Bolt	10261157	1
22	Spring	10210174	1
23	Grease Fitting - Curved 1/4" H2 45	10631408	1
24	Bolt - M10 x 20	10261180	1
25	Ring Nut - M10 x 1,5	10280365	3
26	Knotter Small Spur Gear Z=15	10250137	1
27	Knotter Right Wing	10631409	1



KNOTTER SER GEAR SYSTEM (ASSEMBLY) 10631603			
Sr. No.	Description	ERP No.	Qty.
28	Square Headed Bolt - M10 x 25	10261149	3
29	Plate Hatch - PF 207	10631410	2
30	Rondel - A 10,5	10270416	5
31	Fibered Nut - M10	10280127	3
32	Knotter Gear Shaft	10290194	1
33	Knotter Gear	10250144	1
34	Cotter 8 x 10 x 200	10631411	1
35	Shim Ø45 X 6	10631412	2
36	Cotter	10020363	1
37	Bolt - M10 x 30	10260533	1
38	Springed Rondel - A 10	10270419	2
39	Imbus Bolt - M10 x 30	10261181	1
40	Knotter Shaft Correcting Unit	10290195	1
41	Small Baga	10631413	1
42	Connecting Shaft	10631414	1
43	Large Bush	10070221	1
44	Bush	10070212	1
45	Bolt - M8 x 35	10261182	3
46	Fibered Nut - M8	10610860	3
47	Cylindrical Bolt - 4x32-St	10261183	1
48	Bolt - M10 x 25	10260625	2
49	Setscrew M10 x 15	10631415	2
50	Roller Bearing - 6007	10050416	1
51	Inner Ring - 63x2	10460085	1
52	Outboard Ring - 80x2,5	10460086	1
53	Setscrew M10	10631416	1
54	Roller Bearing - YET 207	10050417	1

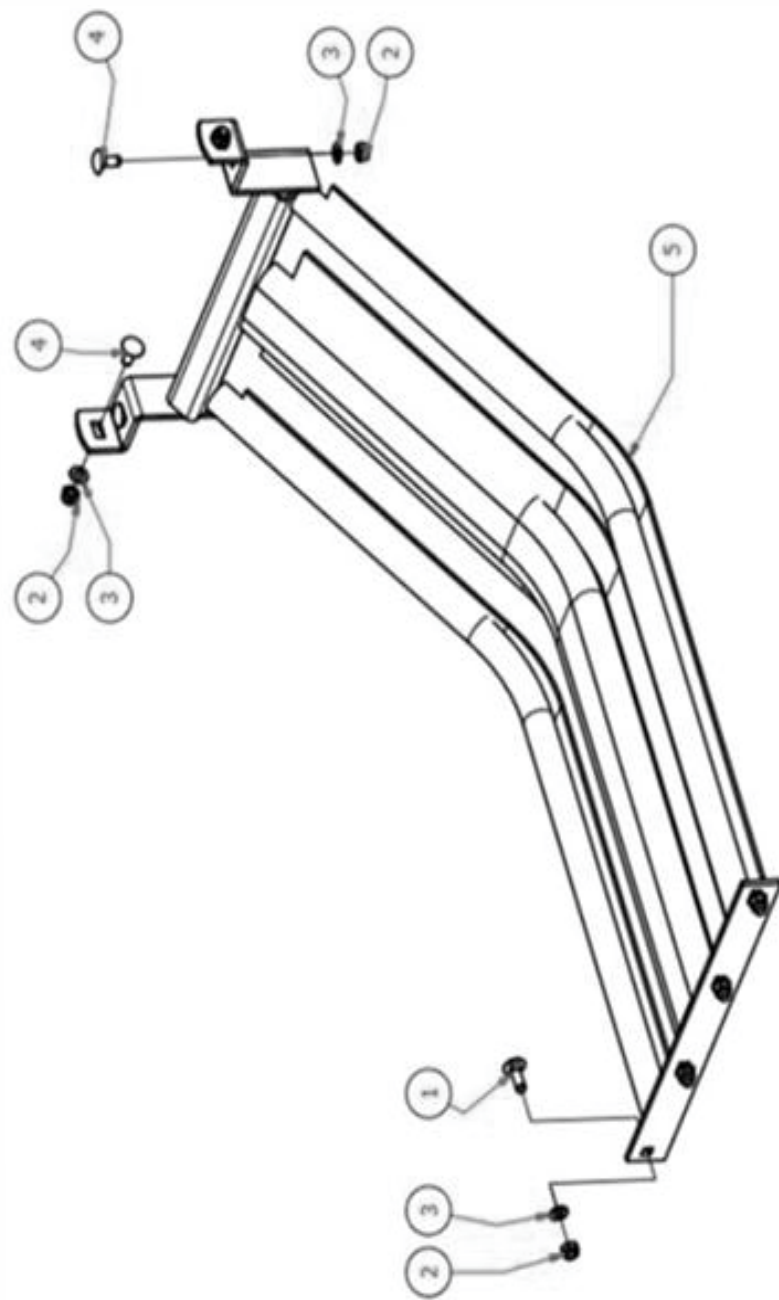
PISTON SAFETY LEVER



PISTON SAFETY LEVER (ASSEMBLY) 10631604

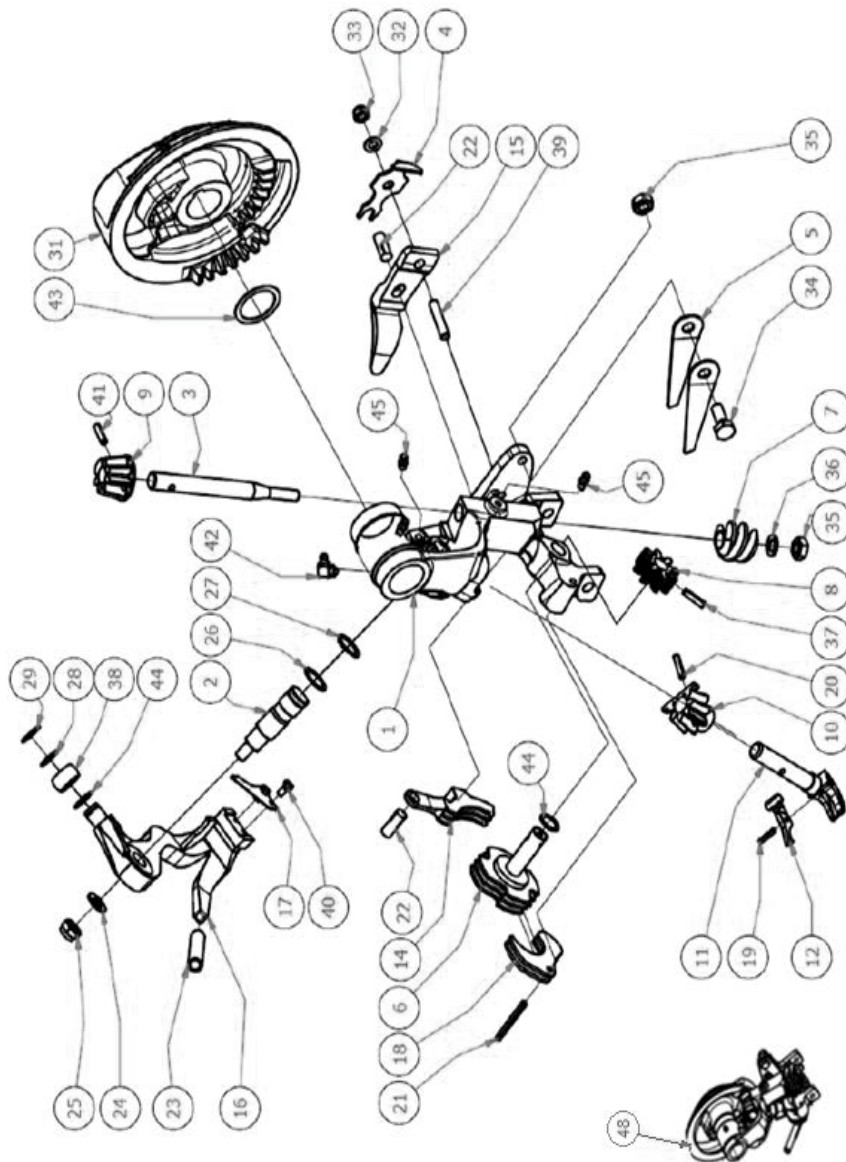
Sr. No.	Description	ERP No.	Qty.
1	Crankpin	10020370	1
2	Yellow Bush	10070208	1
3	Moving Piston Brake	10631417	1
4	Grease Fitting - 1/4"	10631418	1
5	Return Spring	10210175	1
6	Cotter Pim - 5 x 45	10631419	1
7	Liner	10030020	2
8	Cotter Pim - 4 x 32	10631420	1
9	Piston Brake Lever	10631421	1
10	Rondel - A 10,5	10270416	4
11	Bolt - M10 x 35	10261184	2
12	Piston Brake Fixed Plate	10130053	1
13	Ring Nut - M10 x 1,5	10280365	2
14	Square Headed Bolt - M8 x 20	10261148	2
15	Rondel - A 8,4	10070205	2
16	Fibered Nut - M8	10610860	2
17	Piston Brake Connection Plate	10631422	1
18	Piston Brake Bolt Fiber	10631423	1

NEEDLE SADDLE COVER



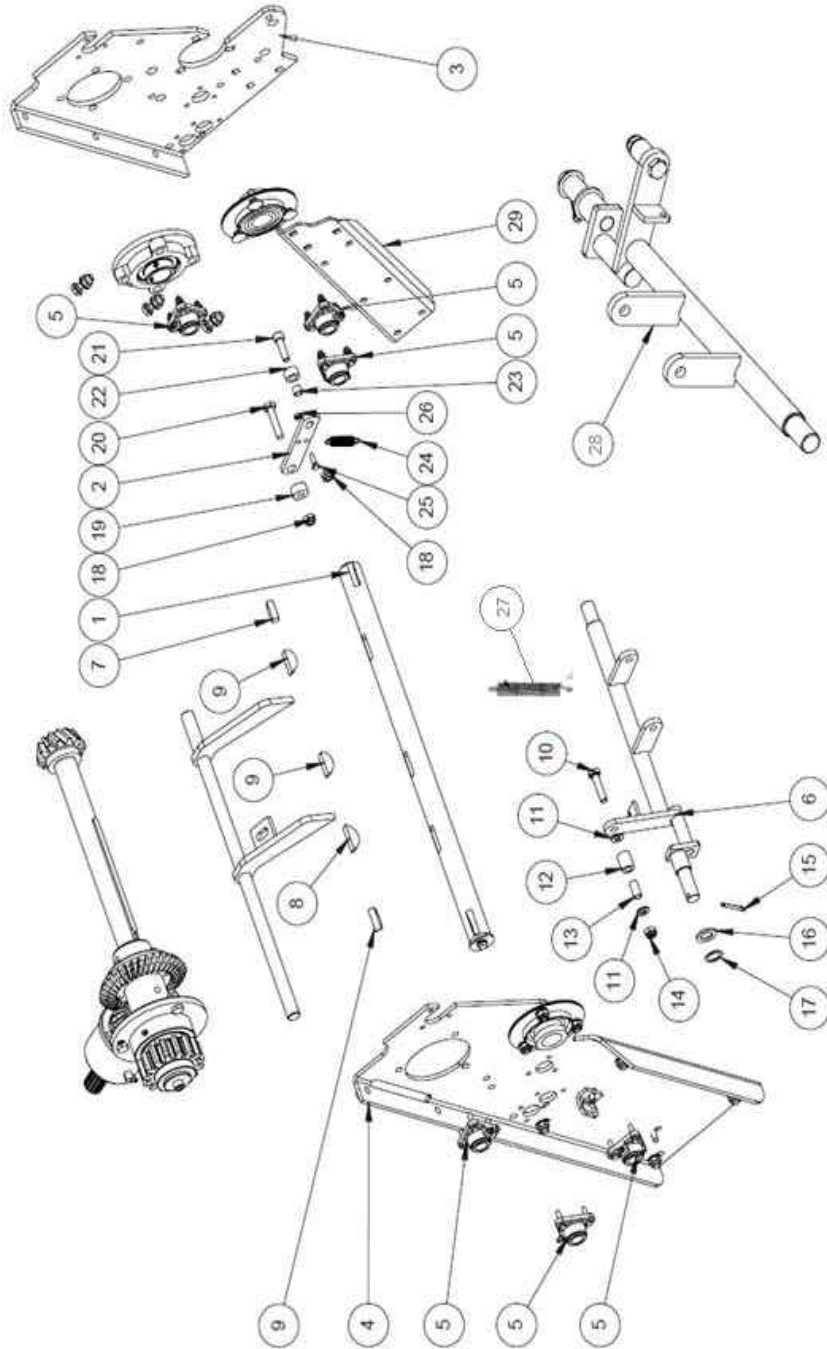
NEEDLE SADDLE COVER (ASSEMBLY) 10631605			
Sr. No.	Description	ERP No.	Qty.
1	Square Headed Bolt - M10 x 30	10261123	4
2	Fibered Nut - M10	10280127	8
3	Rondel - A 10,5	10270416	8
4	Square Headed Bolt - M10 x 25	10261149	4
5	Needle Housing	10631424	1

STRING KNOTTER SYSTEM



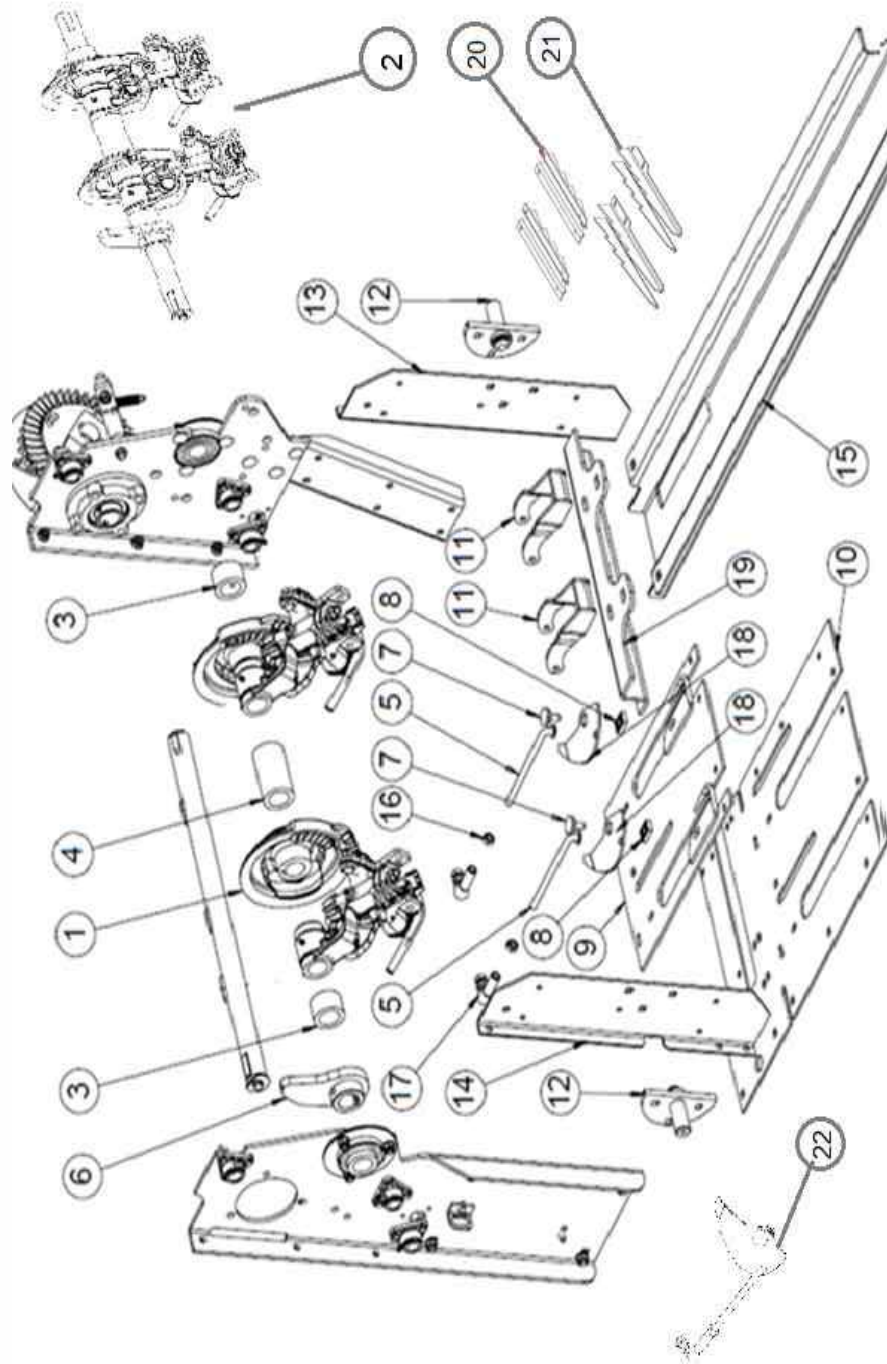
STRING KNOTTER SYSTEM (ASSEMBLY) 10631631

Sr. No.	Description	ERP No.	Qty.
1	Trunk	10631427	1
2	Blade Rod Shaft	10290197	2
3	Conical Shaft	10290198	2
4	Hook Press Spring	10210176	5
5	Star Press Spring	10210177	5
6	Star	10631383	2
7	Conical Shaft Helical Gear	10250145	2
8	Smooth Gear	10250146	2
9	Star Gear	10250147	2
10	Hook Gear	10250148	2
11	Shuttle (Hook)	10560006	2
12	Hook Tip	10560007	2
13	Hook Tip Wheel	10420026	2
14	Star Counter	10631428	2
15	Hook Press	10560008	2
16	Blade Rod	10160112	1
17	Twine Cutter Blade	10631429	1
18	Twine Holder Plate	10130054	2
19	Wrapped Pin - Ø4 x 18	10020371	1
20	Wrapped Pin - Ø5 x 25	10020372	1
21	Wrapped Pin - Ø5 x 45	10020373	1
22	Fixing Pin - 10 x 28	10020374	2
23	Hose	10631430	1
24	Thick Shim - 3/8	10631431	1
25	Fibred Nut - M10	10280127	1
26	Shim - 20 x 28 x 1	10631432	1
27	Outer Safety Snap Ring - 21 x 1,2	10631433	1
28	Liner - 15 x 21 x 1	10631434	1
29	Outer Safety Snap Ring - 15 x 1	10460089	1
30	Liner - 15 x 21 x 0,2	10631435	1
31	Dish type Gear	10250136	1
32	Rondel - A 8,4	10070205	1
33	Fibred Nut - M8	10610860	1
34	Bolt - M10 x 25	10260625	1
35	Nut - M10	10280127	2
36	Rondel - 10	10631436	1
37	Wrapped Pin - 5 x 22	10020375	1
38	Blade Rod Pulley	10631437	1
39	Drift Pin - M8 x 30	10020376	1
40	Bolt - M5 x 10	10261186	2
41	Wrapped Pin - Ø5,6 x 22	10020377	1
42	Grease Fitting - 1/4" H3	10631438	1
43	Liner	10030020	1
44	Liner - 15 x 21 x 1	10631439	2
45	Grease Fitting - 1/4" H1	10631440	4
46	Hook (Set)	10560009	1
47	Blade Rod (Set)	10160113	1
48	String Knotter Group	10631441	2



STRING KNOTTER SYSTEM -1 (ASSEMBLY) 10631606

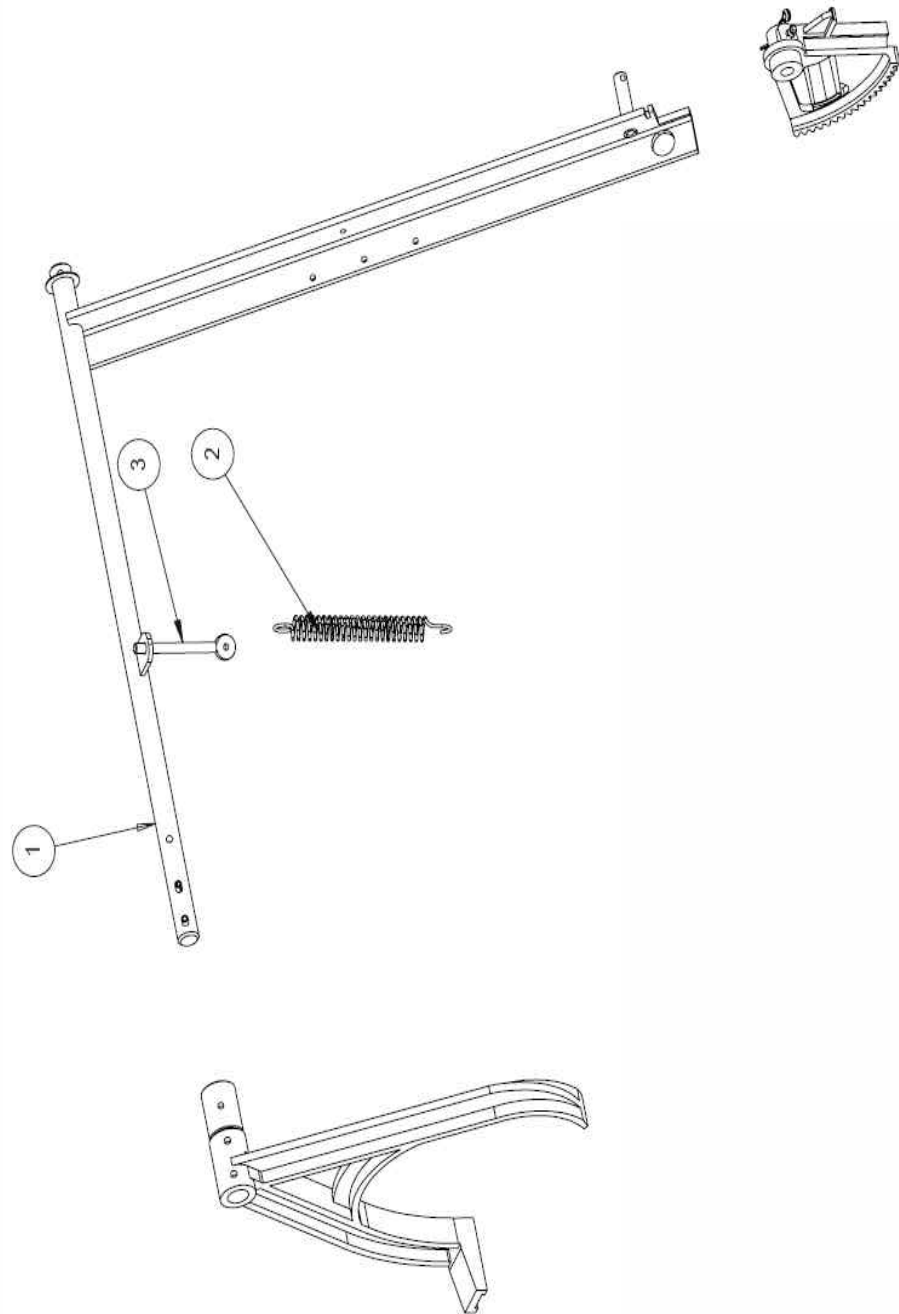
Sr. No.	Description	ERP No.	Qty.
1	Knotter Powertrain Shaft	10290199	1
2	Knotter disk brake Bolt	10261163	1
3	Needle Bearing Left Wing (Left)	10631442	1
4	Needle Bearing Right Wing (Right)	10130034	1
5	Triangle Bearing	10050397	6
6	Twine Diverter Moving shaft	10290200	1
7	Split Support Cotter 10 x 16	10631400	1
8	Split Support Cotter	10631401	1
9	Split Support Cotter Clipped Edge	10631402	3
10	Bolt M10x45 DIN931	10261187	1
11	Washer M10 DIN125	10270439	2
12	Twine Diverter Outboard Pulley	10631443	1
13	Twine Diverter Inner Pulley	10631444	1
14	Fibered Nut- M10	10280127	1
15	Cotter Pim Q5x35	10631445	1
16	Rondel M20 Thick	10631446	1
17	Liner 20X28X1	10631447	1
18	Washer M20	10270440	1
19	Bush Ø25 x Ø10,5 x 12,5mm	10070222	1
20	Bolt M10x50	10261188	1
21	Cylindrical Allen Bolt - M10 x 35 DIN 912	10261189	1
22	Rabbet Bush	10070223	1
23	Lining Brake Smooth Bush	10070224	1
24	Frenleme yayı	10631448	1
25	Bolt M6x20	10260592	1
26	Fibered Bolt M6	10261190	1
27	Excentric Shaft Return Spring	10210178	1
28	Twine Diverter Excentric Shaft	10290201	1
29	Knotter Set Lower Side Plate	10130055	1



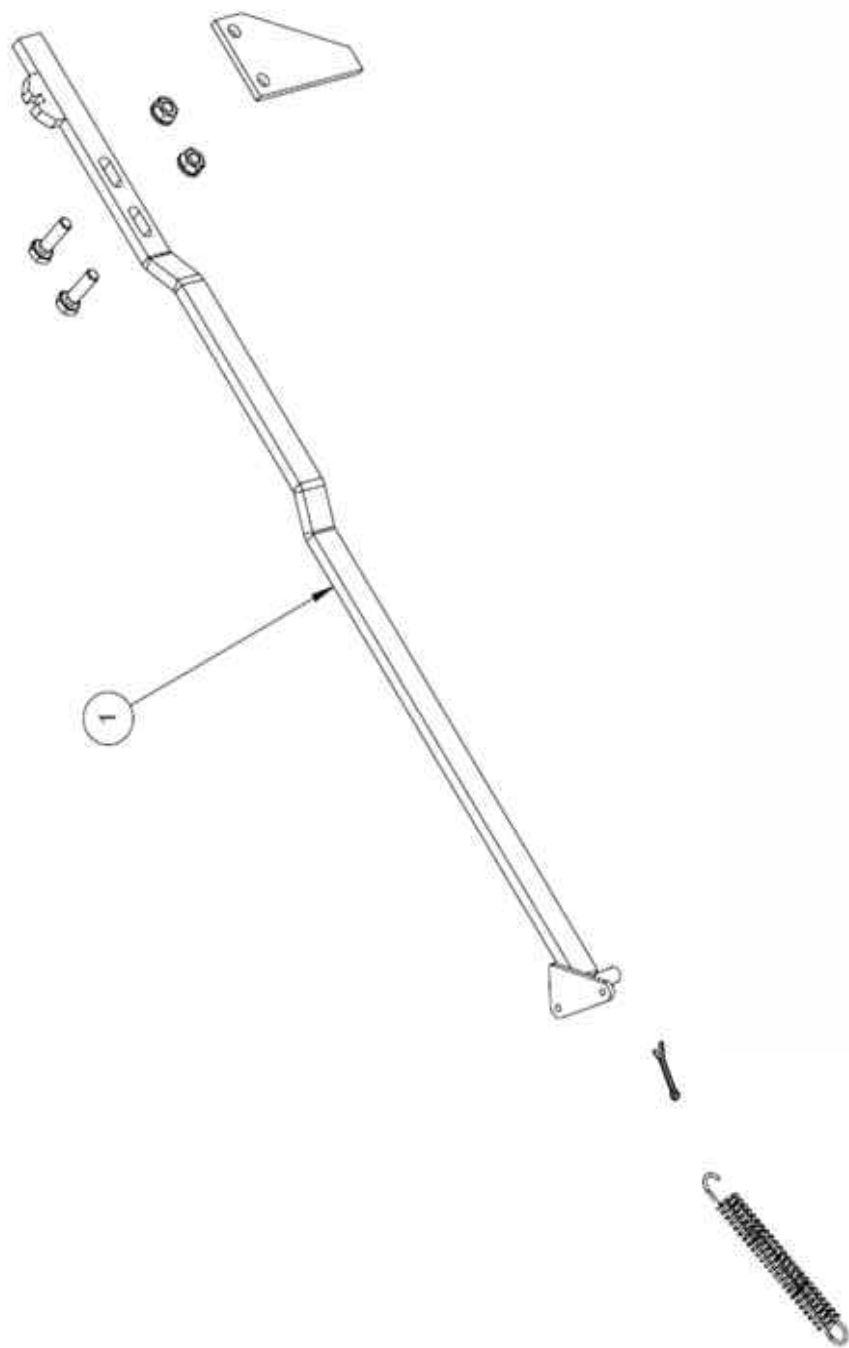
STRING KNOTTER SYSTEM- 2 (ASSEMBLY) 10631607

Sr. No.	Description	ERP No.	Qty.
1	Dish type Gear	10250149	2
2	String Knotter Group	10631441	2
3	Knotter Bush	10070225	2
4	Knotter Group Mid Bush	10070226	1
5	Axial Joint	10631449	2
6	Knotter Shaft Eccentric Cotter	10631450	1
7	Twine Diverter Bolts	10261191	2
8	Twine Diverter Ring Nut	10280377	2
9	Twine Diverter Lower Plate	10130056	1
10	Knotter Lower Plate	10130057	1
11	Knotter Set Fixing Fork	10631451	2
12	Needle Saddle Connection Flange	10230053	2
13	Saddle Assembly Plate Right	10130058	1
14	Saddle Assembly Plate Left	10130059	1
15	Laser cg690	10631452	1
16	Bolt M10	10261192	2
17	Joint Rod	10160114	2
18	Twine Diverter Plate	10130060	2
19	Laser cg691	10631453	1
20	Raspe Upper Needle Bearing	10050418	2
21	Raspe Bottom Needle Bearing	10050419	2
22	Twine Diverter Assembly	10631454	2

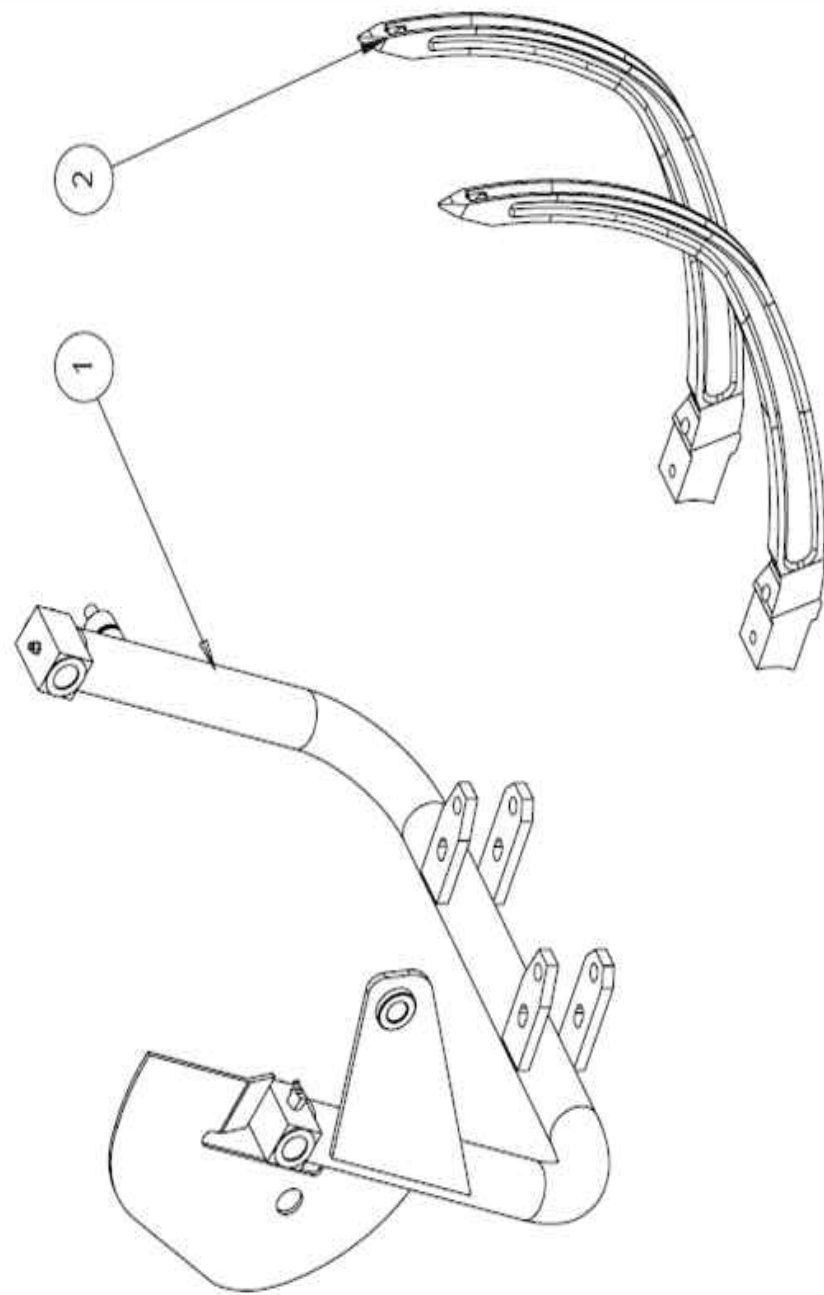
STRING KNOTTER BALE LENGTH ADJUSTMENT SYSTEM



STRING KNOTTER BALE LENGTH ADJUSTMENT SYSTEM (ASSEMBLY) 10631608			
Sr. No.	Description	ERP No.	Qty.
1	Connecting Shaft	10290196	1
2	Adjustment Bolt	10261185	1
3	Spring	10210174	1

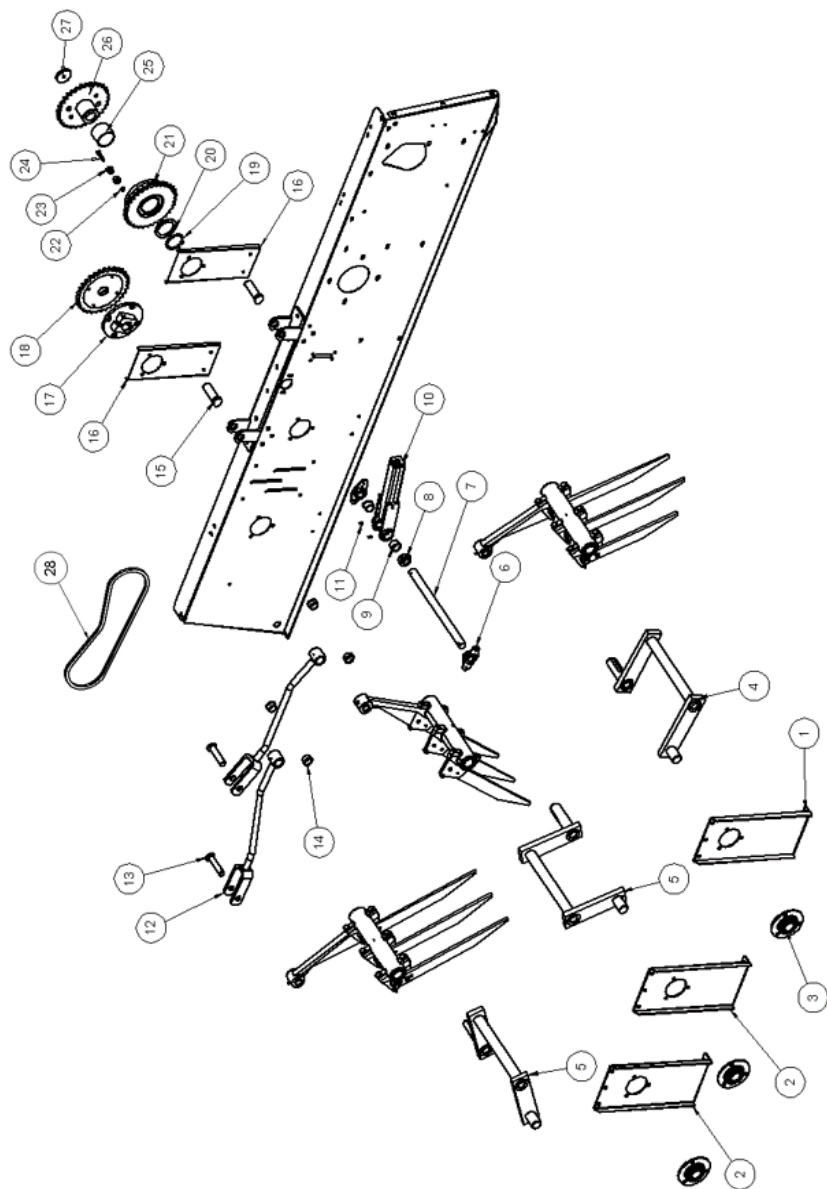


STRING KNOTTER PISTON SAFETY LEVER			
Sr. No.	Description	ERP No.	Qty.
1	Piston Break Lever	10631425	1



STRING KNOTTER NEEDLE SADDLE			
Sr. No.	Description	ERP No.	Qty.
1	Needle Saddle	10631426	1
2	Needle	10631375	2

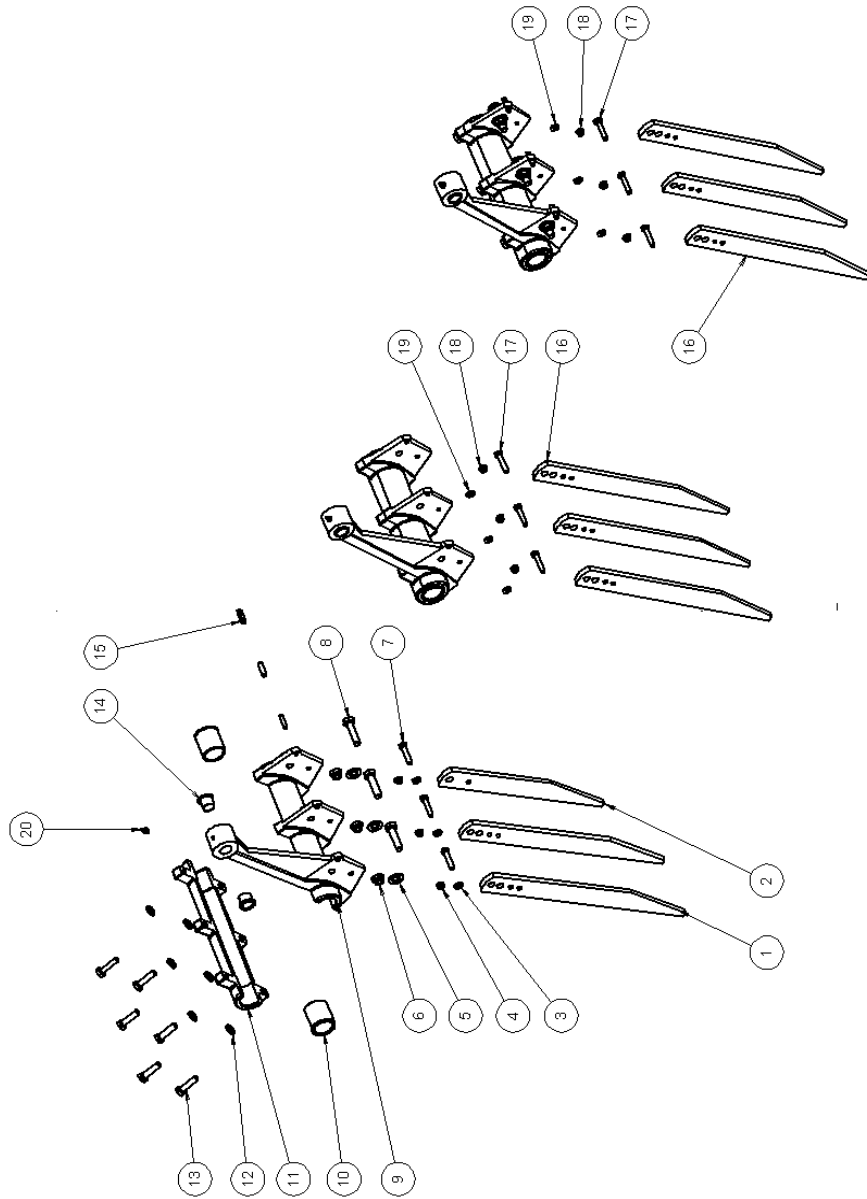
FEEDING FORKS SYSTEM



FEEDING FORKS SYSTEM (10631893)

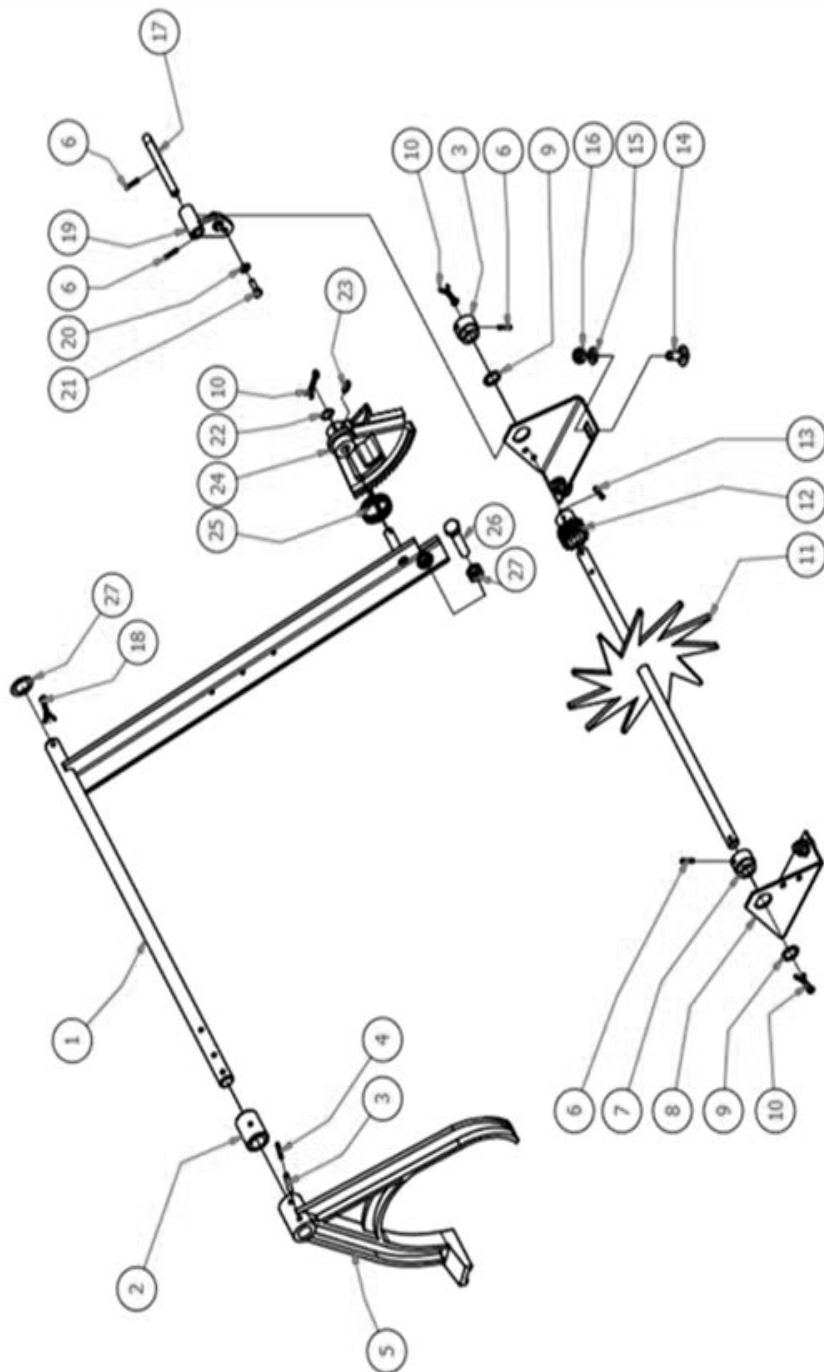
Sr. No.	Description	ERP No.	Qty.
1	Front Feeding Fork Roller Connection Plate	10631841	1
2	Back Feeding Fork Roller Connection Plate	10631842	2
3	Roller Bearing - YET 207	10050417	3
4	Front Feeding Fork Crank	10631843	1
5	Back Feeding Fork Crank	10631844	2
6	Front Feeding Fork Holder Cast Bearing	10050472	2
7	Front Feeding Fork Holder Shaft	10290256	1
8	Front Feeding Fork Holder Yellow Bush	10070293	1
9	Front Feeding Fork Holder Shaft Bush	10070294	2
10	Front Feeding Fork Holder	10631845	1
11	Grease Fitting(1/4 28")	10631846	2
12	Back Feeding Fork Holder Arms	10631847	2
13	Back and Front Feeding Fork Casting Pins	10020433	3
14	Back Feeding Fork Holder Arms Yellow Bush	10070295	4
15	Back Feeding Fork Holder Pin	10020434	2
16	Back Feeding Fork Bearing Connection Plate	10631848	2
17	Feeding Fork Chain Gear Flange	10230082	1
18	Feeding Fork Chain Gear	10250192	1
19	Feeding Fork Gear Ring	10460094	1
20	Feeding Fork Gear Ring Washer	10270543	1
21	Feeding Fork Chain Gear 1	10250193	1
22	Nut - M9	10280435	1
23	Breaker Bush	10070296	2
24	Bolt M8X40	10261156	1
25	Feeding Fork Chain Gear Yellow Bush	10070297	1
26	Feeding Fork Chain Gear 2	10250194	1
27	Feeding Fork Chain Gear Washer	10270544	1
28	Feeding Fork Chain (60H 155CM)	10140068	1

FEEDING FORKS



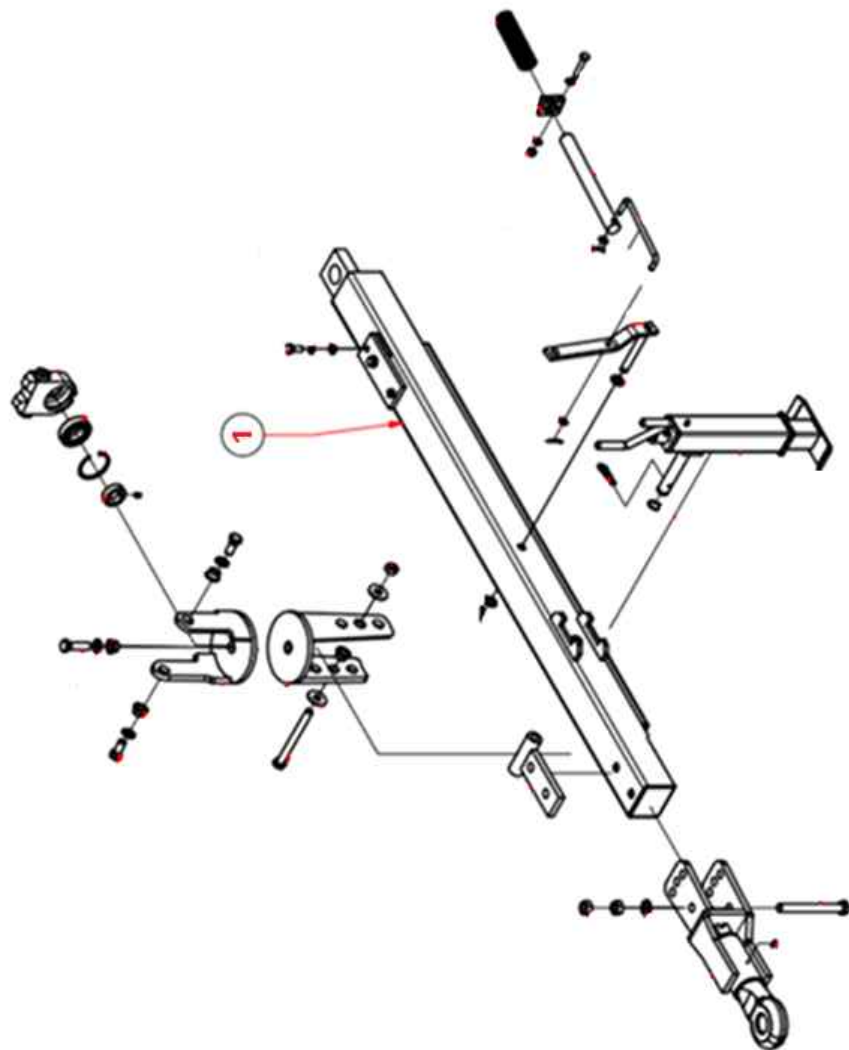
FEEDING FORKS (10631894)			
Sr. No.	Description	ERP No.	Qty.
1	Front Feeding Fork Long Bolt	10631849	2
2	Front Feeding Fork Short Bolt	10631850	1
3	Fibered Nut - M8	10631807	3
4	Rondel-M8	10631823	3
5	Rondel-M12	10631851	9
6	Fibered Nut-M12	10631811	9
7	Bolt M8X45	10261426	3
8	Bolt M12X45	10261427	9
9	Casting Forks	10631852	3
10	Yellow Bush	10070298	6
11	Casting Forks Hatch	10631853	3
12	Rondel-M10	10270428	18
13	Bolt-M10x40	10261428	18
14	Casting Forks Arms Upper Yellow Bush	10070299	6
15	Ø8 Split Pin 30mm	10020435	9
16	Back Feeding Fork Bolt	10631854	6
17	Bolt- M12x45	10261427	6
18	Rondel-M12	10631851	6
19	Fibered Nut-M12	10631811	6
20	Grease Fitting 1/4 28"	10631855	3

BALE LENGTH ADJUSTMENT SYSTEM



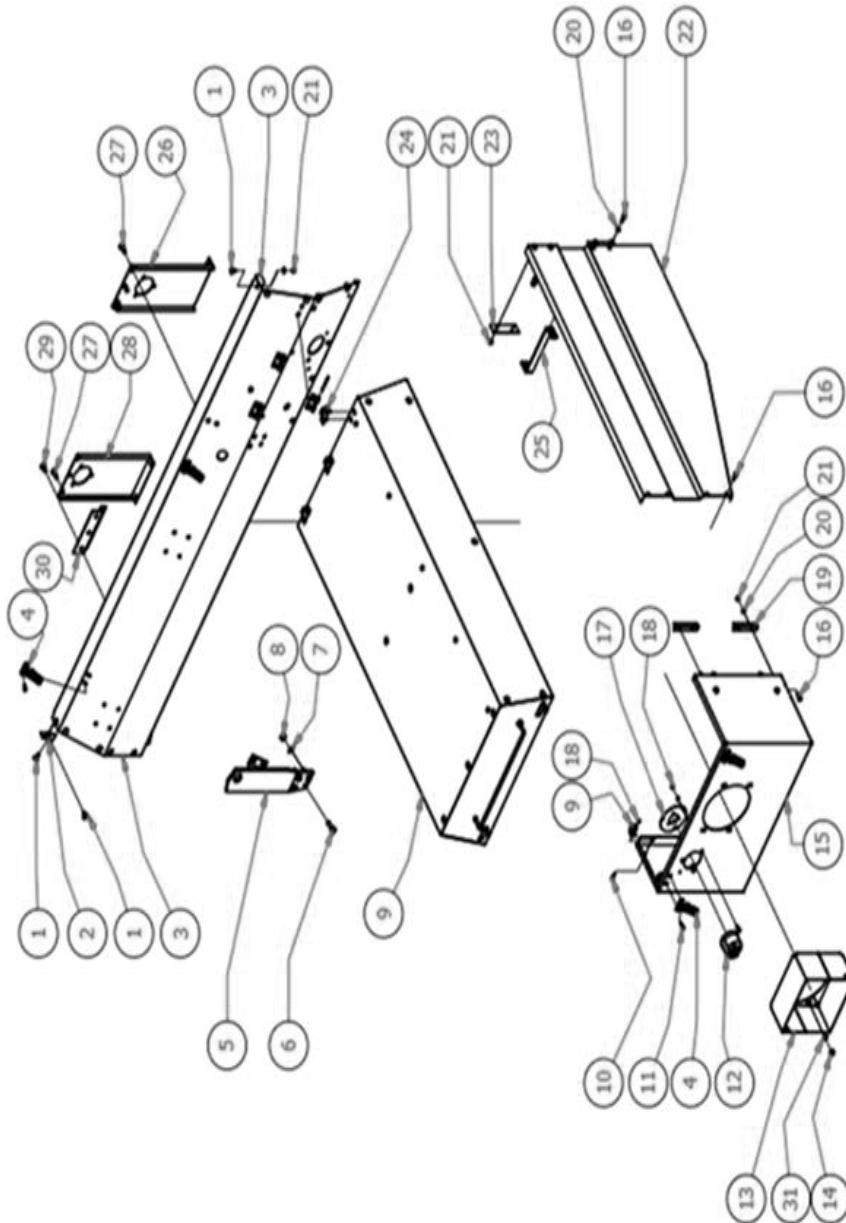
BALE LENGTH ADJUSTMENT SYSTEM (ASSEMBLY) 10631611

Sr. No.	Description	ERP No.	Qty.
1	Connecting Shaft	10290206	1
2	Spacer Bush	10070235	1
3	Split Pin - 6 x 35	10020379	2
4	Split Pin - 4 x 30	10020161	2
5	Crescent-type rod	10631478	1
6	Cylindrical Bolt - 4x20-St	10261202	2
7	Size Adjustment Bearing Bush	10070236	2
8	Support Plate	10130062	2
9	Liner - 17 x 24 x 1	10631479	2
10	Cotter Pim - 5 x 32	10631480	2
11	Size Adjustment Screw	10631481	1
12	KE 555 Z=13 Gear Counter	10250152	1
13	Cylindrical Bolt - 5x26-St	10261203	1
14	Square Headed Bolt - M10 x 25	10261149	4
15	Rondel - A 10,5	10270416	4
16	Fibered Nut - M10	10280127	4
17	Baler Adjustment Lever	10631482	1
18	Cotter Pim -	10631314	1
19	Baler Adjustment lever Connection	10631483	1
20	Rondel - A 6,4	10270429	4
21	Bolt - M6 x 20	10261204	2
22	Liner -	10030020	1
23	Grease Fitting 1/4" H1	10631405	1
24	KE 555 Semi Gear Counter	10631484	1
25	Size Adjustment Cocking Spring Ø2 mm	10210181	1
26	Bolt - M12 x 60	10261122	1
27	Ring Nut - M12	10280364	1



DRAWBAR			
Sr. No.	Description	ERP No.	Qty.
1	KE 565 Drawbar	10631856	1

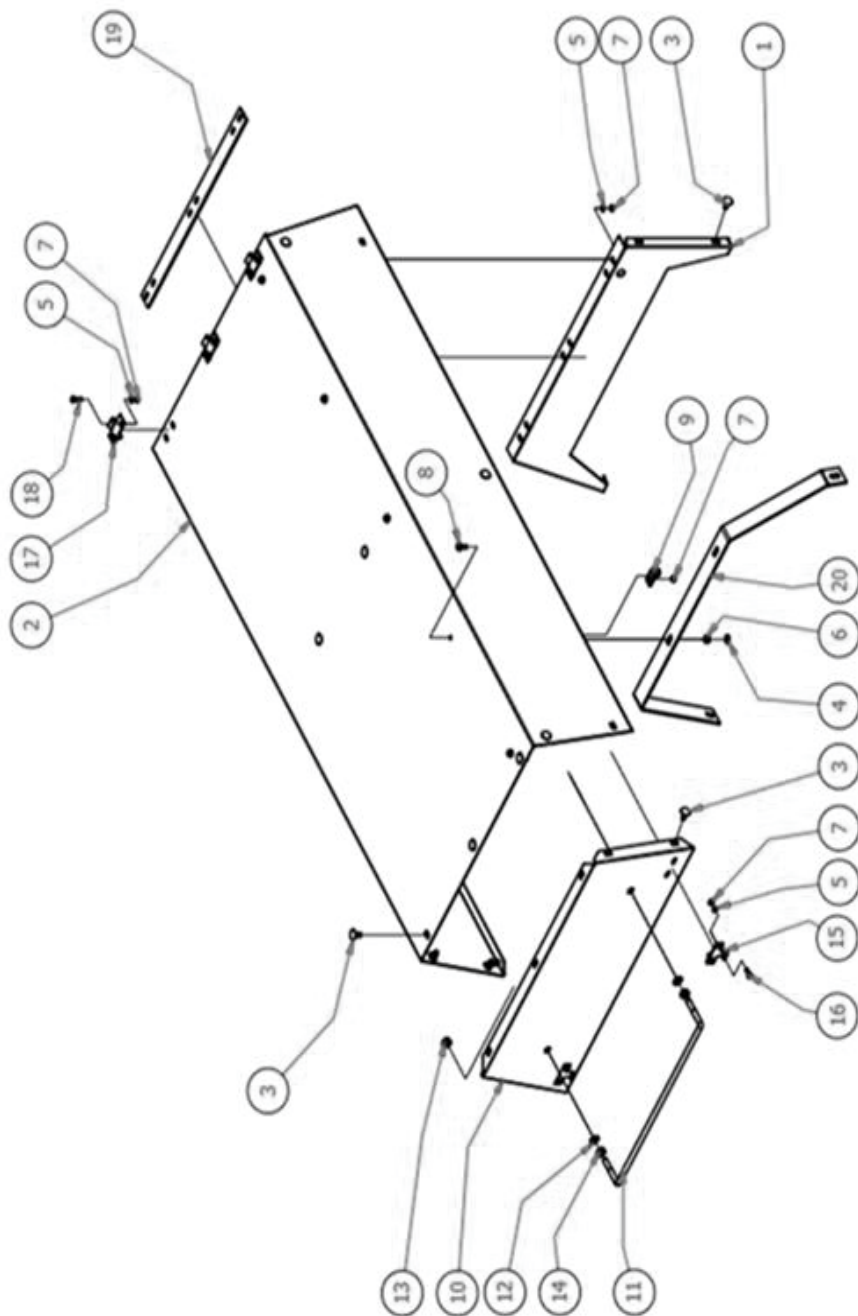
FRONT BODY (SHORT)



FRONT BODY (SHORT) (ASSEMBLY) 10631613

Sr. No.	Description	ERP No.	Qty.
1	Square Headed Bolt - M8 x 20	10261148	29
2	Upper Side Support Plate	10130063	1
3	Front Closure Group Front Plate	10631494	1
4	Hood Lock	10631495	4
5	Jacking Bolt	10261211	1
6	Bolt - M12 x 35	10261143	4
7	Rondel - A 13	10270426	4
8	Fibered Nut - M12	10610902	4
9	Upper Body	10631496	1
10	Bolt - M6 x 16	10260567	6
11	Bolt - M6 x 20	10261212	20
12	Electric Connection Plug	10631497	1
13	Flywheel Bearing	10631498	1
14	Fibered Nut - M10	10280127	20
15	Front Bearing	10631499	1
16	Bolt - M8 x 20	10261093	19
17	Plug Connection Plate	10631500	1
18	Fibered Nut - M6	10280380	32
19	Bearing Connection Plate	10130064	2
20	Rondel - A 8,4	10070205	57
21	Fibered Nut - M8	10610860	39
22	Side Body	10631501	1
23	Bearing Connection Plate	10130064	2
24	Hatch Connection Hinge	10631502	3
25	Side Bearing Connection	10631503	1
26	Bearing Plate	10130065	1
27	Bolt - M10 x 25	10260625	12
28	Front Closure Group Bearing Plate	10130066	1
29	Bolt - M10 x 20	10261180	5
30	Bearing Plate	10130065	1
31	Rondel - A 10,5	10270416	22

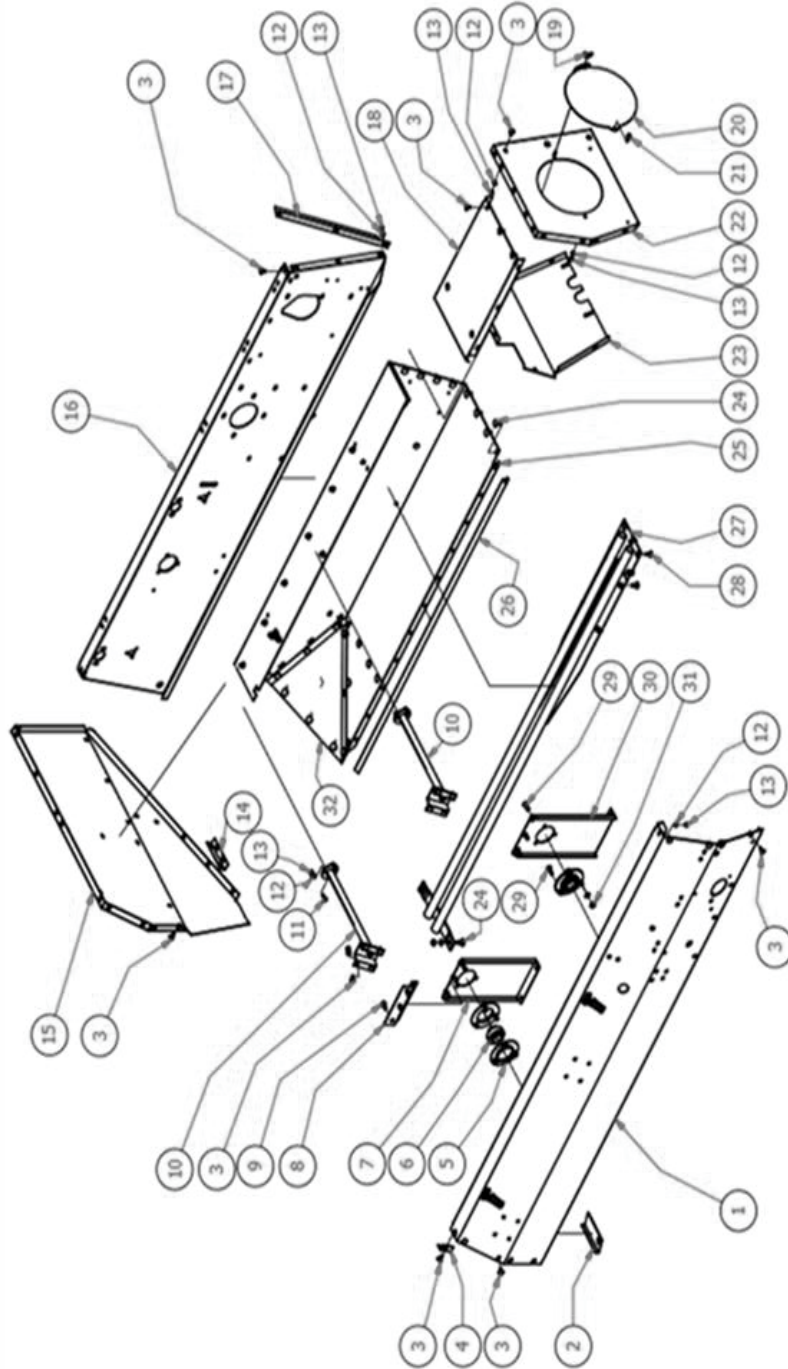
FRONT BODY



FRONT BODY (ASSEMBLY) 10631614

Sr. No.	Description	ERP No.	Qty.
1	Upper Body Plate	10130067	1
2	Gearbox Upper Bearing Hatch	10631504	1
3	Square Headed Bolt - M8 x 20	10261148	15
4	Rondel - A 8,4	10070205	11
5	Rondel - A 6,4	10270429	15
6	Fibered Nut - M8	10610860	11
7	Fibered Nut - M6	10280147	15
8	Flanged Bolt - M6 x 16 - A	10261213	5
9	Cable Connection Plate	10130028	5
10	Housing Front Hatch	10631505	1
11	Hatch Opening Handle	10631506	1
12	Rondel - A 10,5	10270416	4
13	Fibered Nut - M10	10280127	2
14	Ring Nut - M10	10280374	2
15	Hatch Connection Hook	10631507	2
16	Bolt - M6 x 16	10260567	4
17	Hatch Connection Hinge	10631502	3
18	Bolt - M6 x 20	10261204	6
19	Upper Bearing Hinge Support	10631508	1
20	Upper Bearing Support	10631509	1

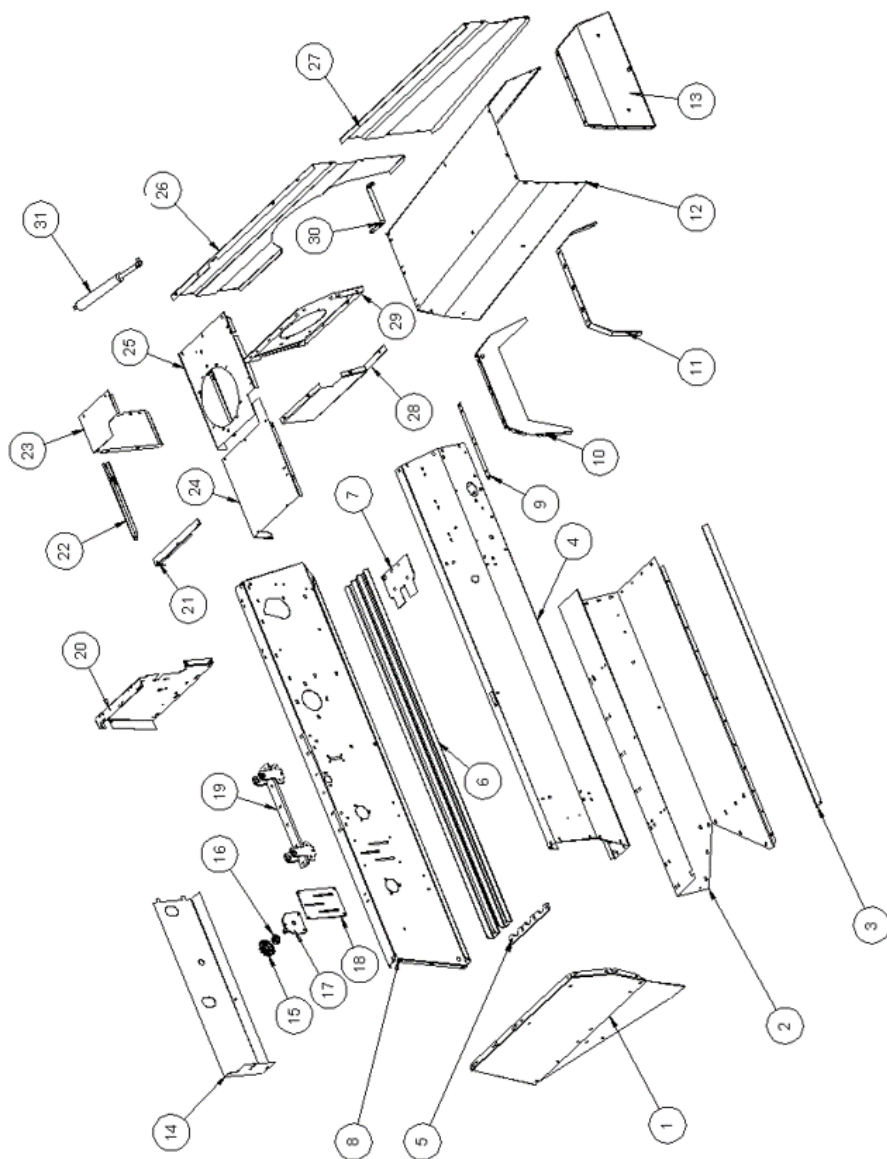
UPPER BODY (KISA)



UPPER BODY (KISA) (ASSEMBLY) 10631615

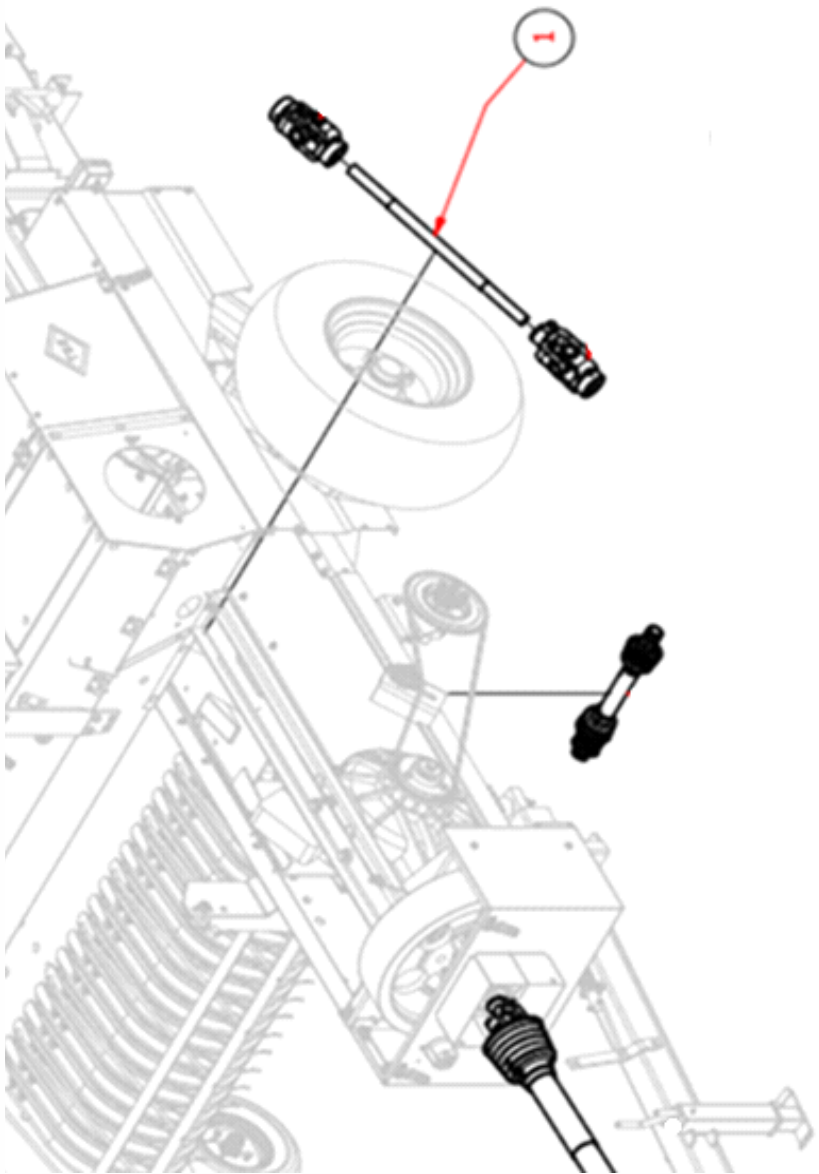
Sr. No.	Description	ERP No.	Qty.
1	Front Closure Group Front Plate	10631494	1
2	Bearing Lower Support Plate	10130068	1
3	Square Headed Bolt - M8 x 20	10261148	56
4	Upper Side Support Plate	10130063	1
5	Plate Bearing - PF 207	10050423	4
6	Roller Bearing - YET 207	10050417	2
7	Front Closure Group Bearing Plate	10130066	1
8	Bearing Plate	10130065	1
9	Bolt - M10 x 20	10261180	5
10	Mid Connection Pipe	10200101	2
11	Bolt - M8 x 20	10260630	9
12	Rondel - A 8,4	10070205	87
13	Fibered Nut - M8	10610860	84
14	Connection Plate	10130033	1
15	Bearing Left Side Plate	10130069	1
16	Bearing back Plate	10130061	1
17	Bearing back Support Plate	10130070	1
18	Upper Closure Plate	10130071	1
19	Butterfly Ring Nut - M8	10280381	1
20	Bearing Left Side Hatch	10631510	1
21	Flanged Bolt - M8 x 20 - B	10261174	2
22	Right Side Plate	10130072	1
23	Connection Plate	10130073	1
24	Square Headed Bolt - M10 x 25	10261149	13
25	Group Lower Plate	10130074	1
26	Lower Plate Addition	10631511	1
27	Upper Mid Flap	10631512	1
28	Square Headed Bolt - M8 x 25	10261214	8
29	Bolt - M10 x 25	10260625	12
30	Bearing Plate	10130065	1
31	Fibered Nut - M10	10280127	32
32	Lower Triangle Add. Plate	10130075	1

COVERS AND FORKS



COVERS AND FORKS (10631895)

Sr. No.	Description	ERP No.	Qty.
1	Right Side Bonnet Plate	10631858	1
2	Fork Chamber Plate	10631859	1
3	Fork Chamber Front L Plate	10631860	1
4	Front Bonner Body Plate	10631861	1
5	Mid Colon Connection Plate 1	10631862	1
6	Mid Colon U Plate	10631863	2
7	Mid Colon Connection Plate 2	10631864	1
8	Mid Body Plate	10631865	1
9	Flywheel Hatch Inner Suppoet Plate 1	10631866	1
10	Flywheel Hatch Inner Suppoet Plate 2	10631867	1
11	Flywheel Hatch Inner Suppoet Plate 3	10631868	1
12	Flywheel Hatch Upper Plate	10631869	1
13	Flywheel Hatch Front Plate	10631870	1
14	Back Chain Gear Bearing Plate	10631871	1
15	3.Feeding Fork Chain Tension Gear	10250195	1
16	3.Feeding Fork Chain Tension Gear Bearing	10050477	1
17	3.Feeding Fork Chain Tension Gear Bar	10631872	1
18	3.Feeding Fork Chain Tension Gear Support Plate	10631873	1
19	Back Fork Arms Connection Plate	10631874	1
20	Twine Box Left Side Bonnet Plate	10631875	1
21	Twine Box Left Side Support Plate	10631876	1
22	Fan Hatch Inner Support Plate	10631877	1
23	Left Back Bonnet Plate	10631878	1
24	Fan Hatch Side Plate	10631879	1
25	Fan Hatch Plate	10631880	1
26	Left Back Wheel Plate	10631881	1
27	Left Front Side Plate	10631882	1
28	Mid Colon Inner Plate	10631883	1
29	Mid Colon Outer Plate	10631884	1
30	Left Back Bonnet Connection Plate	10631885	1
31	Fan Hatch Piston	10631886	1



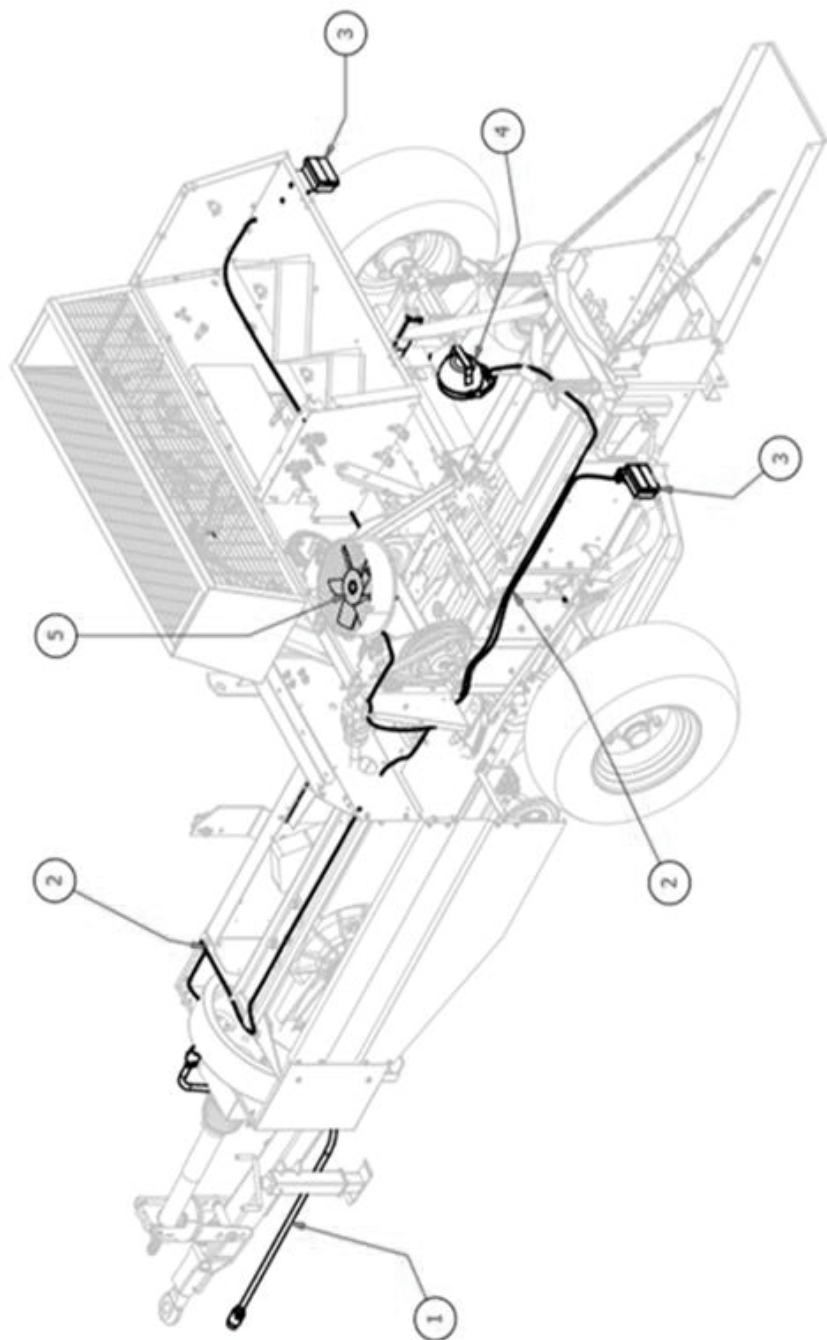
JOINT SPLINE SHAFT			
Sr. No.	Description	ERP No.	Qty.
1	JOINT SPLINE SHAFT	10290257	1

This diagram illustrates the exploded view of a vehicle wheel assembly. The components are numbered as follows:

- 1: Tire
- 2: Wheel rim
- 3: Hub nut
- 4: Hub nut lock washer
- 5: Hub nut lock
- 6: Hub nut lock seal
- 7: Hub nut lock seal
- 8: Hub nut lock seal
- 9: Hub nut lock seal
- 10: Hub nut lock seal
- 11: Hub nut lock seal
- 12: Hub nut lock seal
- 13: Hub nut lock seal
- 14: Hub nut lock seal
- 15: Hub nut lock seal
- 16: Hub nut lock seal
- 17: Hub nut lock seal
- 18: Hub nut lock seal
- 19: Hub nut lock seal
- 20: Hub nut lock seal

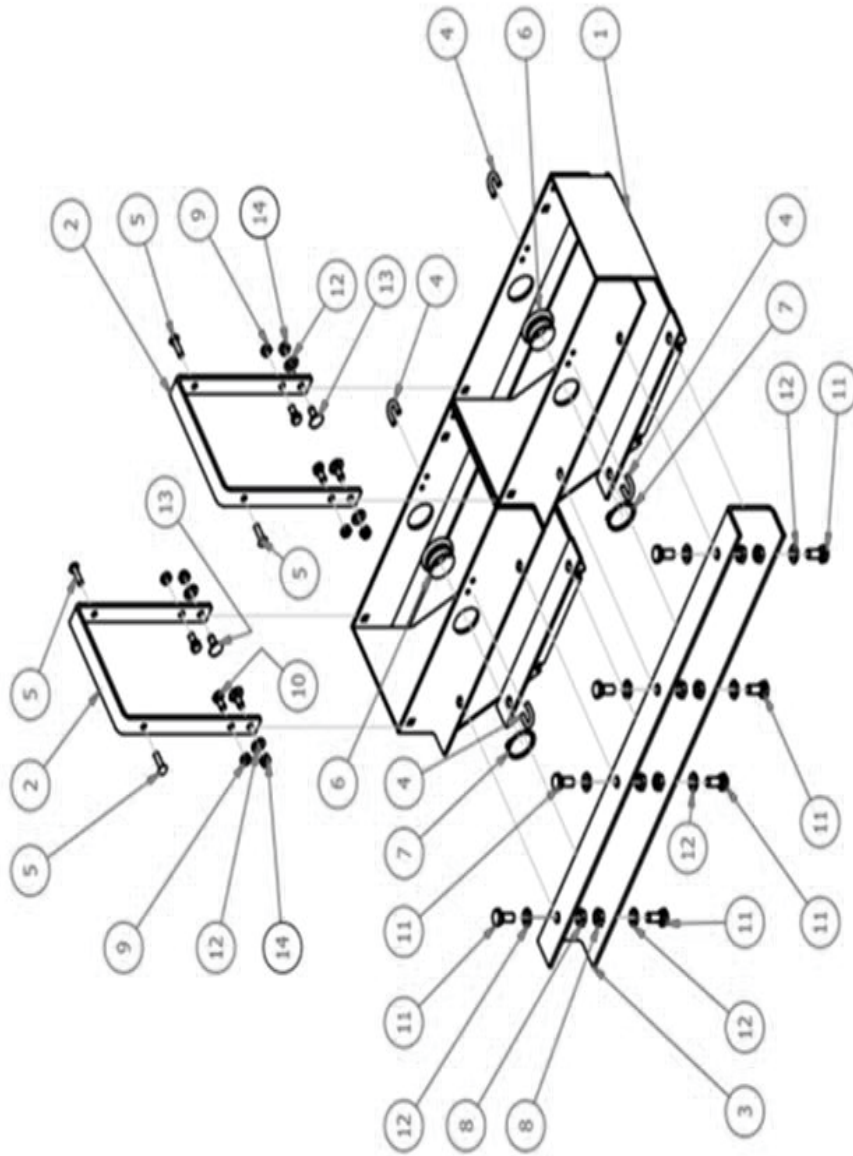
SUPPORT WHEEL ASSEMBLY (10631620)			
Sr. No.	Description	ERP No.	Qty.
1	Cotter Pin	10020381	1
2	Crown Nut - 3/4" - 16	10280382	1
3	Outer Tyre 16,5 x 650-8 Duplex	10350058	1
4	Fibered Nut - M10	10280127	5
5	Rondel 10	10270428	5
6	Rim 16.5 X 6.5 x 8	10631534	1
7	Roller Bearing - 6005	10050424	1
8	Small Grease Cap	10631318	1
9	Hexagon Bolt - M10 x 40	10261217	4
10	Fibered Nut - M12	10610902	4
11	Support Profile	10631535	1
12	Spring Rondel 12	10210185	4
13	Rondel 12	10270415	8
14	Bolt - M12 x 25	10260551	4
15	Jack	10631536	1
16	Bolt - M12 x 30	10261205	4
17	Rondel - 12	10270415	8
18	Cotter Pin - 4 x 30	10020382	1
19	Roller Bearing - 6006 Z	10050425	1
20	Valve	10190032	1

ELECTRIC CABLES



ELECTRIC CABLES (10631621)			
Sr. No.	Description	ERP No.	Qty.
1	Tractor Electric Connection cable	10631537	1
2	Electric Cable	10631538	1
3	Back Signal stop Light	10631539	2
4	Headlight	10631540	1
5	KE 555 Ventilation Propeller	10631541	1

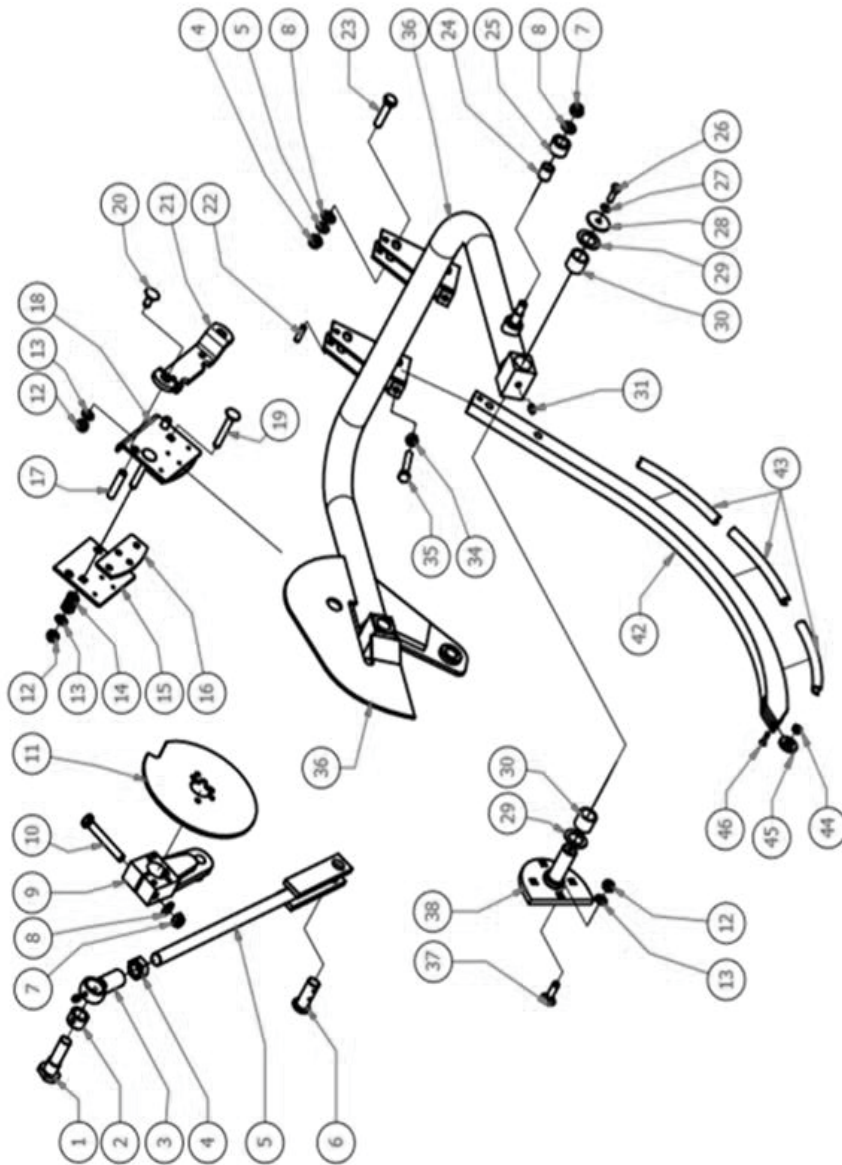
WIRE SYSTEM (WIRE BOX)



WIRE SYSTEM (WIRE BOX ASSEMBLY) (10631622)

Sr. No.	Description	ERP No.	Qty.
1	Wire Bearing Box	10631542	2
2	Wire Catch Plate	10130086	2
3	U Profile Plate	10130087	1
4	U Roller	10631543	4
5	Round Head Pin Ø7x25	10020383	4
6	Wire Bearing Feeder	10631544	2
7	Ring 40x1.75	10460088	2
8	Nut M10	10280127	8
9	Nut M8	10610860	4
10	Hexagon Bolt - 8 x 16	10261218	4
11	Hexagon Bolt - 10 x 25	10261219	8
12	Rondel 10	10270428	12
13	Square Headed Bolt - M8 x 20	10261148	4
14	Fibered Nut - M8	10610860	4

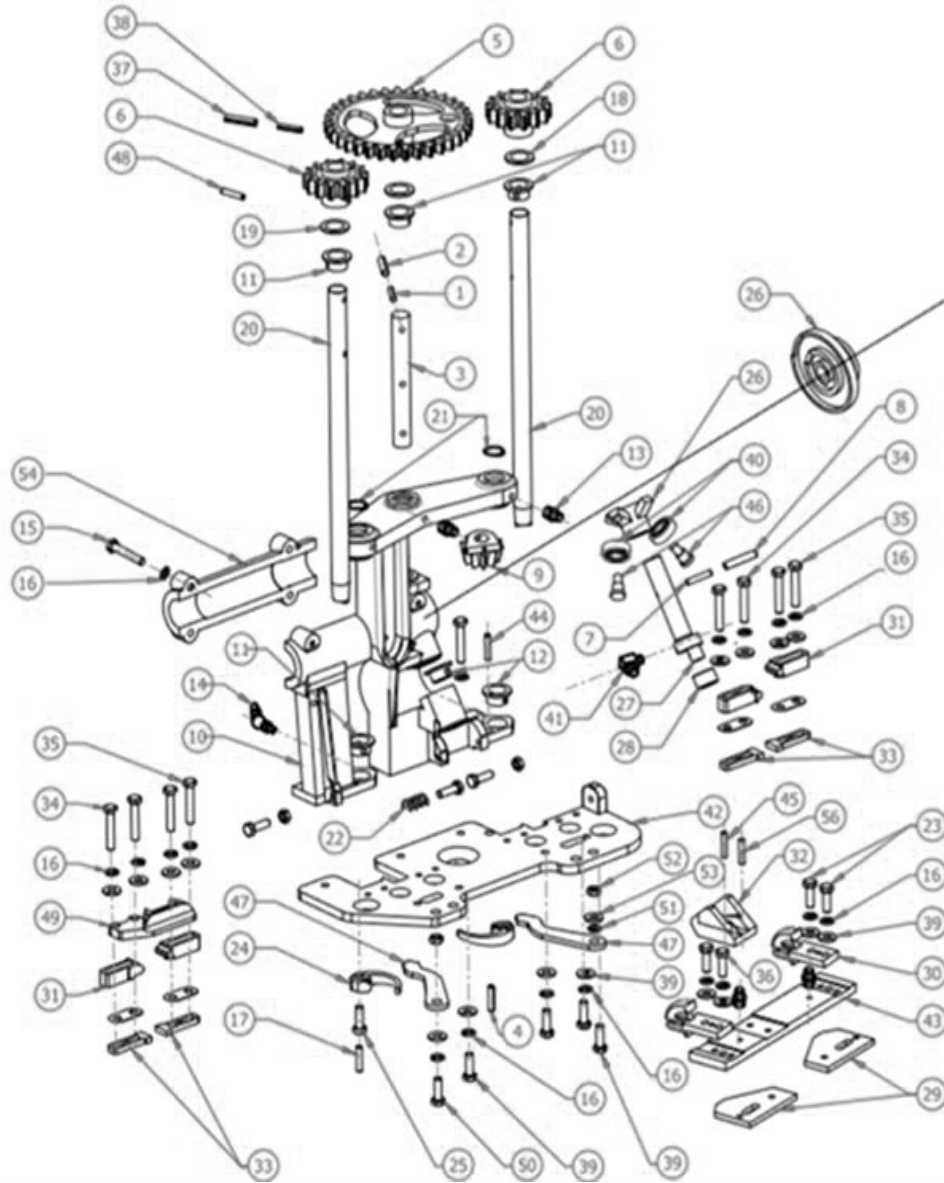
WIRE SYSTEM (NEEDLE SADDLE AND LEVER)



WIRE SYSTEM (NEEDLE SADDLE AND LEVER ASSEMBLY) 10631623

Sr. No.	Description	ERP No.	Qty.
1	Connection Bolts	10261165	1
2	Needle Saddle Yellow Bush	10070215	1
3	Joint	10631368	3
4	Ring Nut - M20	10280372	1
5	Needle Saddle Lever	10631369	1
6	Crankpin Connection	10020368	1
7	Fibered Nut - M12	10610902	6
8	Rondel - A 13	10270426	6
9	Needle Saddle Motion Tongs	10631370	1
10	Bolt - M12 x 90	10261166	1
11	Connection Brake Lining Brake Disk	10631371	1
12	Fibered Nut - M10	10280127	8
13	Rondel - A 10,5	10270416	8
14	Needle Brake Lining Compression Spring	10210170	2
15	Brake Lining Connection Plate	10130051	1
16	Brake Lining Needle Saddle Clamp	10631372	2
17	Connecting Shaft	10290192	2
18	Brake Lining Connection Plate	10631333	1
19	Square Headed Bolt - M10 x 70	10261167	2
20	Square Headed Bolt - M10 x 25	10261149	2
21	Brake Lining Sikma Group Connection Plate	10130052	1
23	Shoulder Bolt - M12 x 50	10261169	4
24	Needle Saddle Bush Small	10070216	1
25	Needle Saddle Bush Large	10070217	1
26	Bolt - M8 x 25	10261092	3
27	Springed Rondel - A 8	10070203	1
28	Washer Ø40 x 3	10270434	1
29	Liner Ø40 x Ø25 x 1	10631373	4
30	Castermid Bush Ø30 x Ø25 x 25	10070218	4
31	Grease Fitting - 3/8" H1	10631374	1
34	Ring Nut - M10 x 1,5	10280365	2
35	Bolt - M10 x 60	10261170	2
36	KE 555 Needle Saddle	10631377	1
37	Square Headed Bolt - M10 x 35	10261171	4
38	Shaft Connection	10290177	1
42	Wire Needle	10631545	1
43	Needle Feeder	10631546	3
44	Pulley Wheel Bearing	10631547	2
45	Pulley Wheel	10631548	2
46	M 5x20 H.B Bolt	10261220	2

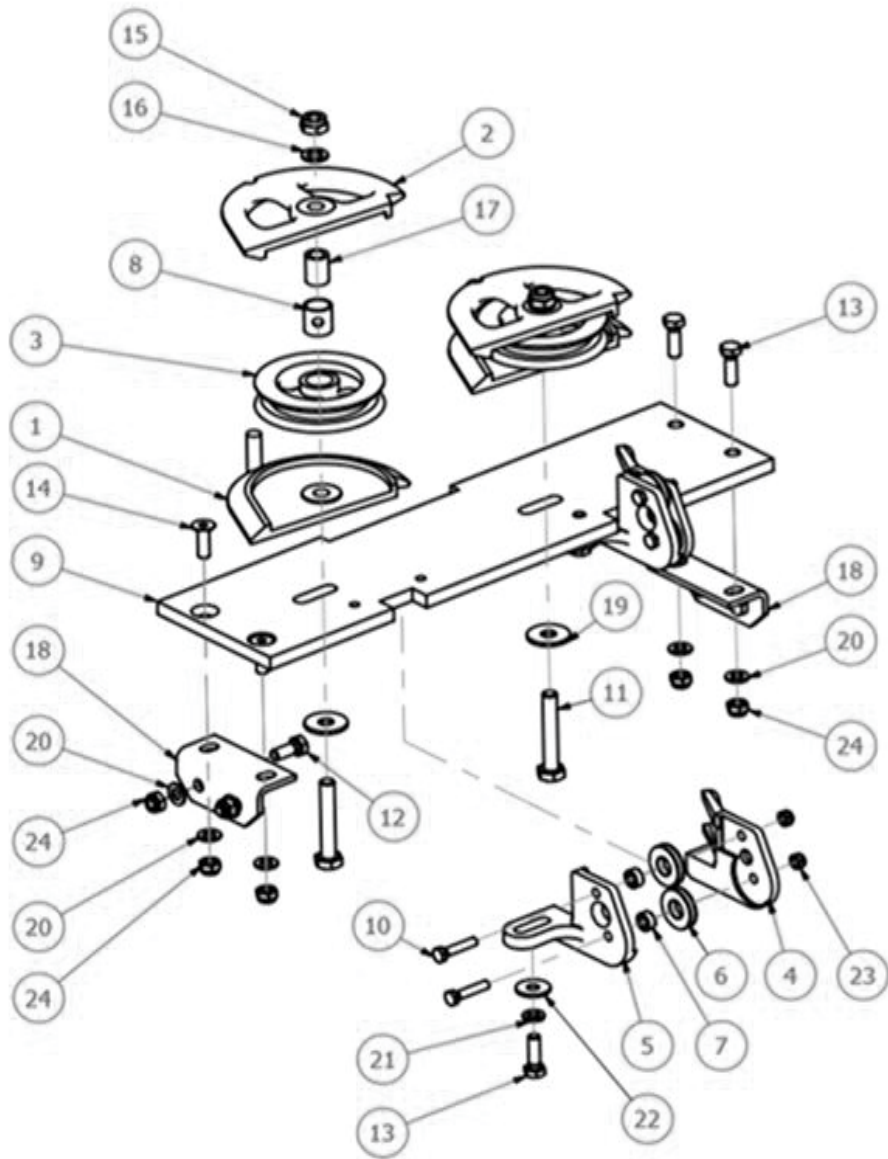
WIRE SYSTEM KNOTTER SET



WIRE SYSTEM (KNOTTER SET ASSEMBLY) 10631624

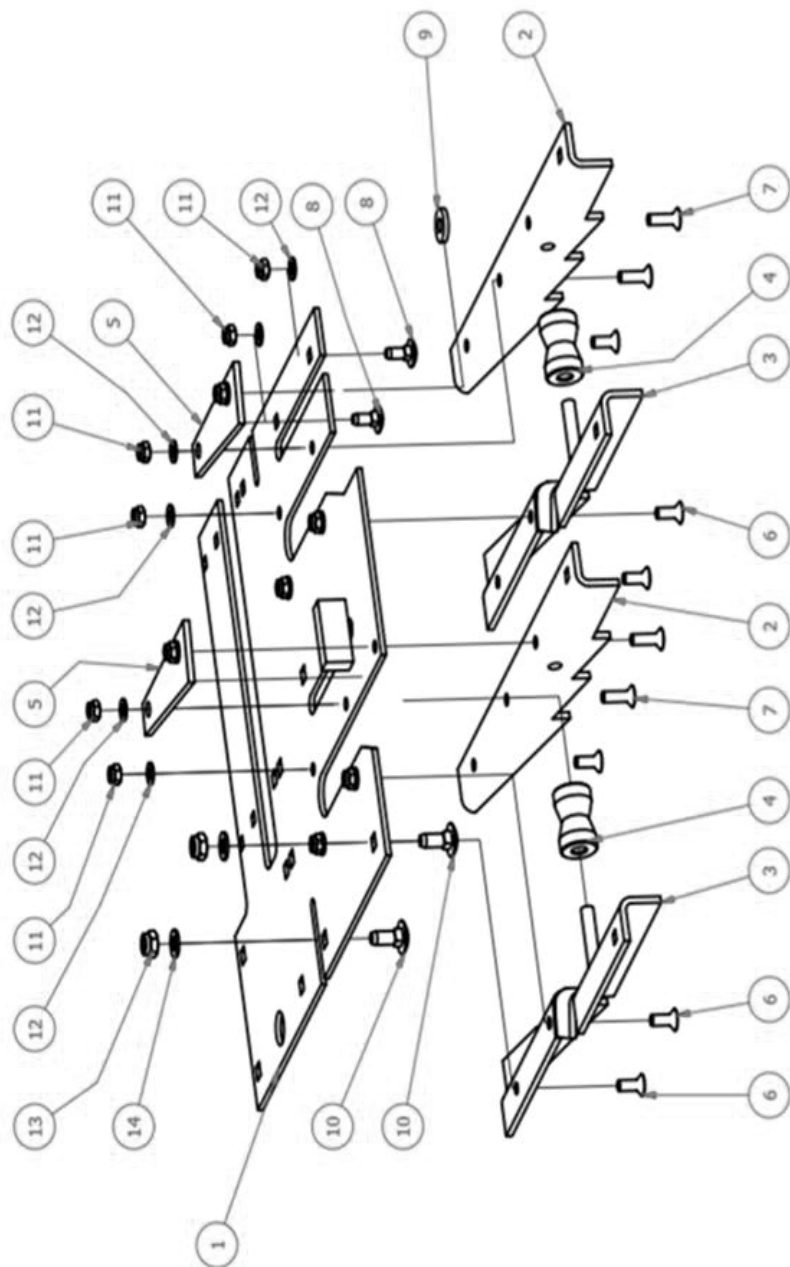
Sr. No.	Description	ERP No.	Qty.
1	Pin 4x32	10020384	3
2	Pin 6x32	10020385	3
3	Taper Gear Shaft Ø20x155mm	10290211	1
4	Pin 6x28	10020386	3
5	Gear Z = 35	10250153	1
6	Gear Z = 14	10250154	2
7	Pin 4x36	10020387	1
8	Pin 6x36	10020388	1
9	Taper Gear Z = 10	10250155	1
10	Trunk	10631427	1
11	Plastic Bushing 21,5x525x20mm	10070239	9
12	Plastic Bushing 23x14x20mm	10070240	3
13	Grease Fitting - 1/4" Düz	10631459	9
14	Grease Fitting - 1/4" 45°	10631549	9
15	Hexagon Bolt - M8 x 50	10261221	4
16	Springed Rondel - A 8	10070203	20
17	Split Pin - M8 x 36	10020389	2
18	Raynel 0,5mm	10631550	2
19	Raynel 0,75mm	10631551	2
20	Connection Group Shaft Ø20x375mm	10290212	2
21	Outboard Ring	10460065	2
22	Compression Spring Ø13x20x2	10210186	1
23	Hexagon Bolt - M8 x 25	10261161	4
24	Catch Hook	10560010	2
25	İmbus Bolt - M8 x 20	10261222	2
26	Cross-Piece	10631552	1
27	Eccentric Shaft	10290213	1
28	Pulley Wheel	10631548	1
29	Clip Support	10631553	2
30	Clip	10631554	2
31	Wire Catch Support	10631555	4
32	Motion Deadwood	10631556	1
33	Cord Cutting Blade	10631557	4
34	Hexagon Bolt - M8 x 45	10261223	4
35	Hexagon Bolt - M8 x 35	10261224	4
36	Hexagon Bolt - M8 x 16	10261218	8
37	Pin 6x30	10020390	1
38	Pin 4x30	10020391	1
39	Rondel 8	10631558	8
40	Roller Bearing 6201	10050426	2
41	Grease Fitting - 1/4" 90°	10631559	1
42	Lower Flange	10230056	1
43	Clip Motion Flange	10230057	1
44	Split Pin - M8 x 25	10020392	2
45	Split Pin - M5 x 25	10020393	2
46	Roller Pin 16x25	10020394	2
47	Support fish Plate	10130088	2
48	Pin Ø6 x 15	10020395	2
49	Motion Flange Support	10631560	1
50	Hexagon Bolt - M10x30	10261225	5
51	Springed Rondel A 10	10270419	5
52	Nut M10	10280127	2
53	Rondel 10	10631436	5
54	Trunk Bearing Cover page	10631561	1
55	Dish type Gear	10250136	1

WIRE SYSTEM (KNOTTER SET LOWER TABLE)



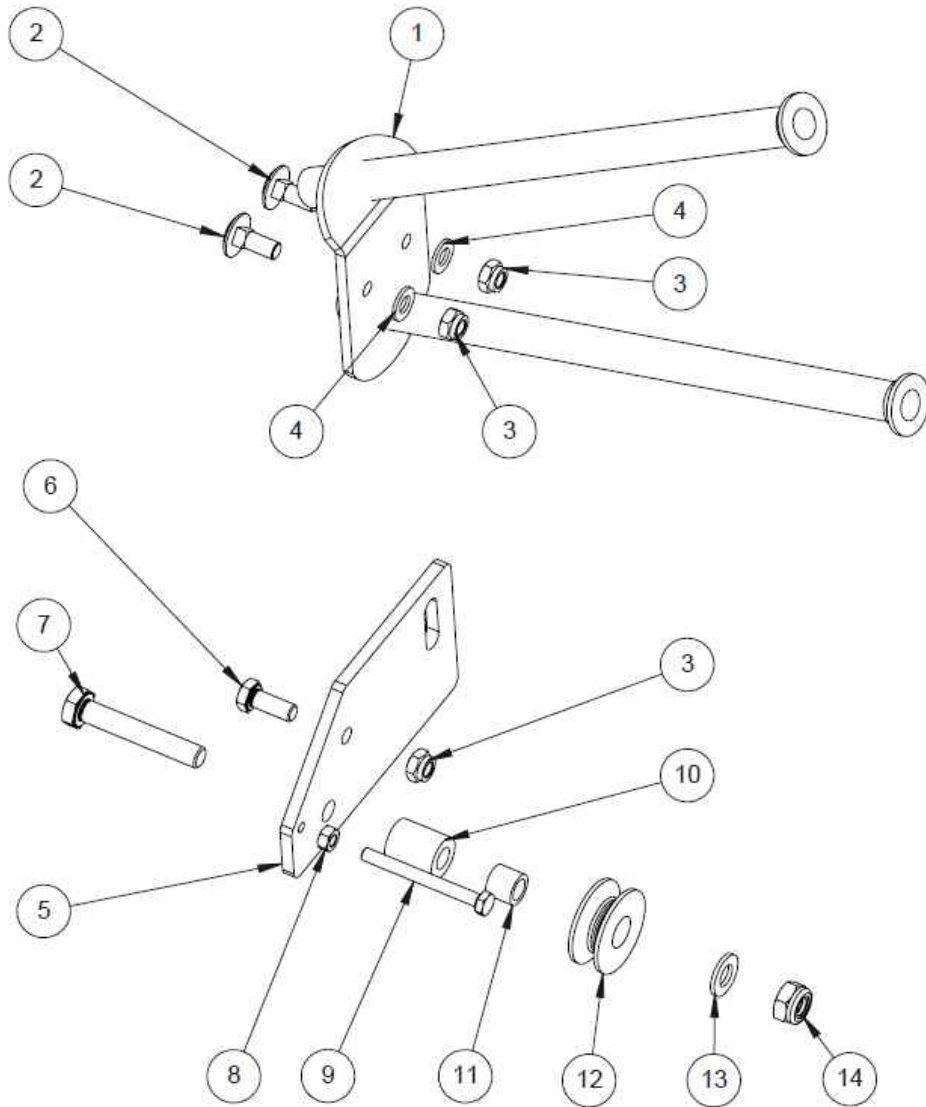
WIRE SYSTEM (KNOTTER SET LOWER TABLE ASSEMBLY) (10631625)			
Sr. No.	Description	ERP No.	Qty.
1	Wire Feeding Pulley Wheel Catch	10631562	2
2	Wire Feeding Pulley Wheel Catch Upright	10631563	2
3	Wire Feeding Pulley Wheel	10420027	2
4	Lug Cord Router	10631564	2
5	Upright Cord Router	10631565	2
6	Pulley Wheel Ø30x6mm	10420028	4
7	Pulley Wheel Interior Bushing	10070241	2
8	Bushing Ø20xØ16x20mm	10070242	2
9	Cord feeder lower Fish Plate	10130089	1
10	Hexagon Bolt - M6 x 30	10261226	4
11	Hexagon Bolt - M10 x 60	10261227	2
12	Hexagon Bolt - M8 x 20	10260605	4
13	Hexagon Bolt - M8 x 25	10261161	6
14	Countersunk Bolt M8x25	10261228	2
15	Fibered Nut - M10	10280127	2
16	Rondel Thin 10	10631566	2
17	Bushing Ø16xØ10.5x21mm	10070243	2
18	Fastening Fish Plate	10130090	2
19	Wide Shim 10	10631567	2
20	Rondel 8	10631558	8
21	Springed Rondel - 8	10631568	4
22	Wide Shim 8	10631569	4
23	Fibered Nut - M6	10280147	4
24	Fibered Nut - M8	10610860	8

WIRE SYSTEM KNOTTER SET UNDER TABLE



WIRE SYSTEM (KNOTTER SET UNDER TABLE ASSEMBLY) 10631626			
Sr. No.	Description	ERP No.	Qty.
1	Connection Lower Flange	10230058	1
2	Erose Metal Sheet Upright	10631570	1
3	Erose Metal Sheet Rugose	10631571	1
4	Pulley Wheel	10420029	2
5	Support Fish Plate	10130091	2
6	Countersunk bolt M8x20	10261229	6
7	Countersunk bolt M8x25	10261228	4
8	Square Headed Bolt - M8 x 20	10261148	2
9	Laser Shim 487	10631572	1
10	Square Headed Bolt - M10 x 25	10261149	2
11	Fibered Nut - M8	10610860	12
12	Rondel - A 8.4	10070205	12
13	Fibered Nut - M10	10280127	2
14	Rondel - A 10.5	10270416	2

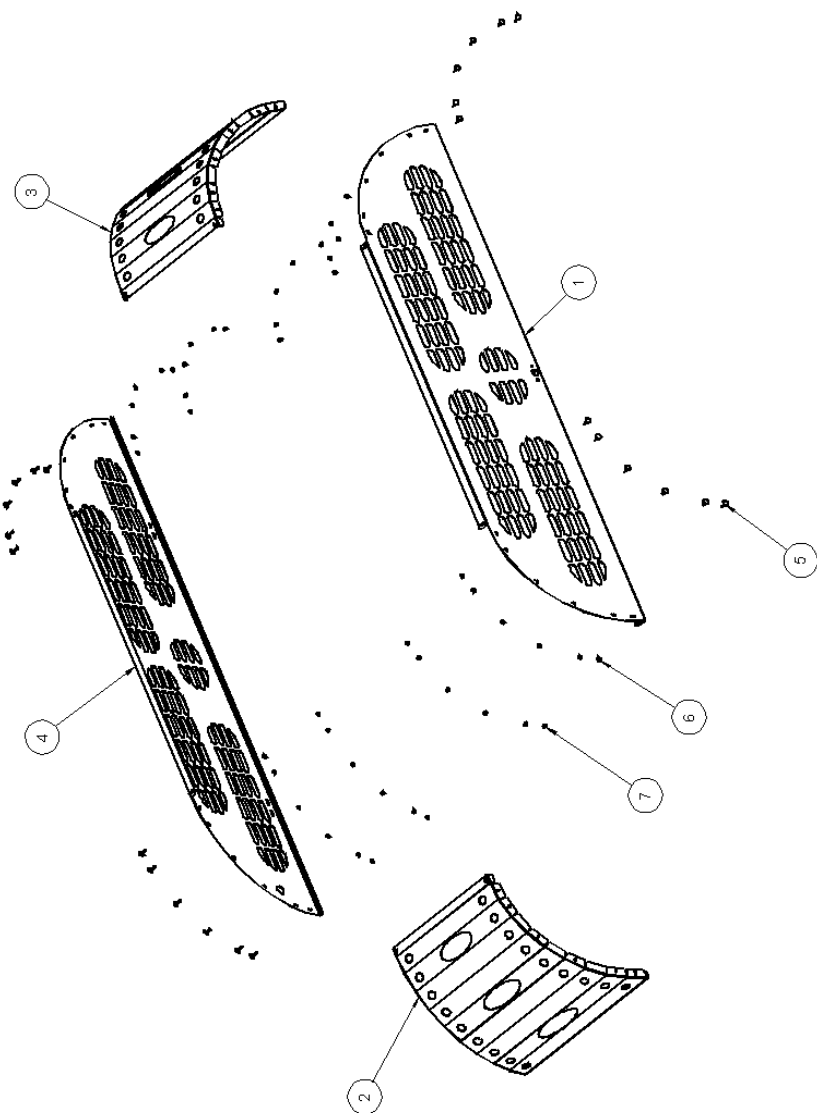
WIRE SYSTEM KNOTTER SET UNDER TABLE



WIRE SYSTEM (KNOTTER SET UNDER TABLE 1 ASSEMBLY) 10631627

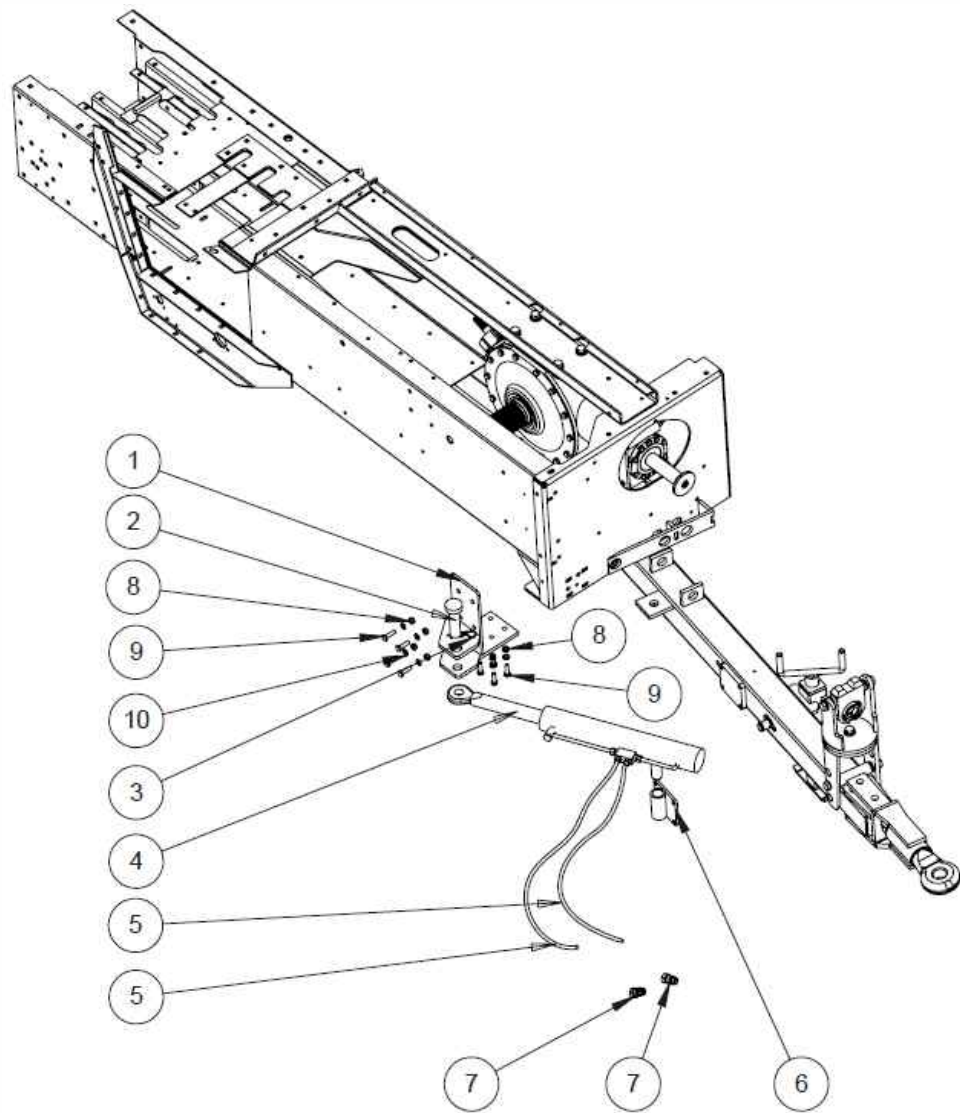
Sr. No.	Description	ERP No.	Qty.
1	Wire Path	10631573	1
2	Square Headed Bolt - M8 x 20	10261148	2
3	Fibered Nut - M8	10610860	3
4	Rondel - A 8.4	10070205	2
5	Router Plate	10130092	1
6	Hexagon Bolt - M8 x 35 DIN 931	10261230	1
7	Hexagon Bolt - M10 x 60 DIN 931	10261231	1
8	Nut M6	10280147	1
9	Hexagon Bolt - M10 x 60 DIN 931	10261231	1
10	Spacer	10631574	1
11	Bushing	10070244	1
12	Pulley	10631575	1
13	Rondel - A 10	10270439	1
14	Fibered Nut - M10 DIN 985	10280383	1

FORK COVER



FORK COVER (10631896)			
Sr. No.	Description	ERP No.	Qty.
1	FORK FRONT BEARING	10050473	1
2	FORK RIGHT BEARING	10050474	1
3	FORK LEFT BEARING	10050475	1
4	FORK BACK BEARING	10050476	1
5	M6X20 BOLT	10261212	48
6	RONDEL - M6	10631857	48
7	FIBERED NUT - M6	10280432	48

DRAW BAR PISTON



DRAW BAR PISTON ASSEMBLY (10631630)

Sr. No.	Description	ERP No.	Qty.
1	Piston Connection Plate	10130093	1
2	Piston Pin - 30x97 1040	10020396	1
3	Hairpin	10020366	1
4	Piston	10520006	1
5	Hydraulic Hose	10631576	2
6	Hydraulic Piston Assembly Plate	10631577	1
7	Lever Jack	10631578	2
8	Fibered Nut - M10	10280127	8
9	Hexagon Bolt M10 x 35	10261232	8

DELIVERY CHECKLIST

Dealer Pre-Delivery (Please Tick)	Please Complete all Dealer information Below
1. Dealer Pre-Delivery Checklist - The customer or person responsible has been given the operator's manual. - The customer undertakes to read the complete operator's manual and understands all aspects of the manual before operation of the machine. - All safety, operational and maintenance information have been explained and demonstrated. - All greasing and oil points, stickers, guarding and ID plate have been identified and physically pointed out. - The customer agrees that it is his responsibility to read and carry out the safety, maintenance and operation as per this operator's manual.	Dealer Information Dealer's Name..... Address..... State..... Postcode..... Phone..... Fax..... Email..... Service Person..... I confirm that the pre-delivery service was performed on this machine. Signature..... Date..... Comments.....
Customer Delivery (Please Tick)	Please Complete all Customer Information Below
2. Customer Delivery Checklist - The customer or person responsible has been given the operator's manual. - The customer undertakes to read the complete operator's manual and understands all aspects of the manual before operation of the machine. - All safety, operational and maintenance information have been explained and demonstrated. - All greasing and oil points, stickers, guarding and ID plate have been identified and physically pointed out. - The customer agrees that it is his responsibility to read and carry out the safety, maintenance and operation as per this operator's manual.	Customer Information Customer's Name..... Address..... State..... Postcode..... Phone..... Fax..... Email..... Delivery Person..... I confirm that all of the delivery checks were explained and performed. Signature..... Delivery Date..... Comments.....

FIELDKING

WARRANTY CARD Customer Copy

CUSTOMER NAME Mr./ Mrs. :

ADDRESS :

MOBILE NO. :

Email :

NAME OF IMPLEMENT :

MODEL NO. :

YEAR OF Mfg. :

SERIAL NO. :

REGISTRATION NO. :

DATE OF PURCHASING :

NAME OF DEALER :

Customer's Signature

Dealer's Signature



Beri Udyog Pvt. Ltd.

Corporate Office : Plot No. 235-236 & 238-240, Sec-3, HSIIDC,
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WARRANTY CARD

Company Copy

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Email :

NAME OF IMPLEMENT :

MODEL NO. :

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WARRANTY CARD Dealer Copy

CUSTOMER NAME Mr./ Mrs :

ADDRESS :

MOBILE NO. :

Email :

NAME OF IMPLEMENT :

MODEL NO. :

YEAR OF Mfg. :

SERIAL NO. :

REGISTRATION NO. :

DATE OF PURCHASING :

NAME OF DEALER :

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