

CE

98/37/EEC

WOOD CHIPPER INSTRUCTIONS



TABLE OF CONTENTS

1. TABLE OF CONTENTS	2
2. WARRANTY.....	3
3. SAFETY INTRODUCTIONS.....	3
4. SAFETY DECALS.....	4
5. DRIVE – LINE SAFETY TIPS.....	6
6. OPERATION.....	10
7. SPECIFICATIONS.....	15
8. PREVENTIVE MAINTENANCE.....	15
9. LUBRICATION FREQUENCIES AND LOCATIONS.....	16
10.TROUBLE SHOOTING.....	16
11.WOOD CHIPPER PARTS ASSEMBLY.....	18

1. WARRANTY

The products are warranted for a period of twelve (12) months from original date of purchase, by original purchaser, to be free from defects in material and workmanship under correct, normal agricultural use and proper applications.

In order to meet users' needs continuously, the product is subject to improvement without notice. It may be happened that there are some difference between the manual/illustrated part catalogue and the structure of the real loader. So the dealers or users are requested to provide serial number and manufacturing date of the loader while placing order for spare parts.

2. SAFETY INTRODUCTIONS

This chipper is designed and tested to offer reasonably safe service. However, failure to operate it in accordance with the following safety instructions **MAY RESULT IN PERSONAL INJURY!**

NOTE: The words **Danger, Warning or Caution** on the safety signs indicate a hazard or unsafe practice, which could result in injury or death if proper precautions are not taken.

Do not attempt any unauthorized modifications to the mower as this could affect the function or the safety of the mower.

Before Operating

- 1. Become familiar with the owner's manual before attempting to operate this equipment. See engine owner's manual for additional safety information.**
- 2. Do not allow children to operate this equipment.**
- 3. Do not operate this equipment in the vicinity of bystanders.**
- 4. Carbon monoxide can be extremely dangerous in enclosed areas; do not run the machine in an enclosed area. The exhaust from the engine contains carbon monoxide, which is colorless, odorless, and tasteless.**
- 5. Do not allow hands, or any part of body or clothing, inside the feeding chamber, discharge chute, or near any moving part.**
- 6. Before inspecting or servicing any part of the machine, shut off the engine (disengage PTO), and make sure all moving parts have come to a complete stop.**

Preparation

- 1. Obtain and wear safety glasses at all times while operating the machine. One pair of safety glasses is provided with each chipper.**
- 2. Avoid wearing loose-fitting clothing. Never operate this machine wearing loose clothing particularly if it has drawstrings which could wrap around or get caught in the machine.**

3. Operate the machine only on a level surface. Do not operate the machine on a paved, concrete, or hard gravel surface. Operating on a hard surface may cause discharged material to rebound and kickback. It will also cause increased machine vibration. Increased vibration may cause the machine to move and will promote premature wear of parts or loosening of fasteners.

4. Before starting the machine, visually check that all screws, nuts, bolts, and other fasteners are properly secured. Once every 10 hours of operation, all screws, nuts, bolts, and other fasteners should be checked for proper tightness to insure everything is in proper working condition.

Operation

One of the critical moments in job safety, as well as chipper safety, is setting up your chipping site so you are not endangered by traffic and the public is not endangered by your work. Great care must be taken to provide adequate warning. Use signs and/or cones if it is necessary to divert vehicle or pedestrian traffic.

A well-prepared traffic plan should include parking off the highway whenever possible. The work area should be coned off as soon as the chipper vehicle is stopped. Avoid sudden traffic stops or lane changes.

Do not allow pedestrians to walk through the work area. Make sure chips or dust do not blow into traffic, parked cars, or pedestrians.

- 1. Before starting the machine, make certain that the cutting chamber is empty.**
- 2. When feeding chipable material into the machine, be extremely careful to exclude pieces of metal, rocks, bottles, cans, and other foreign objects.**
- 3. If the cutting mechanism strikes any foreign object or if the machine should start making an unusual noise or vibration, immediately shut off the engine (or disengage PTO), and allow the machine to come to a complete stop. After machine stops:**
 - a) Inspect for damage.**

b) Replace or repair any damaged parts.

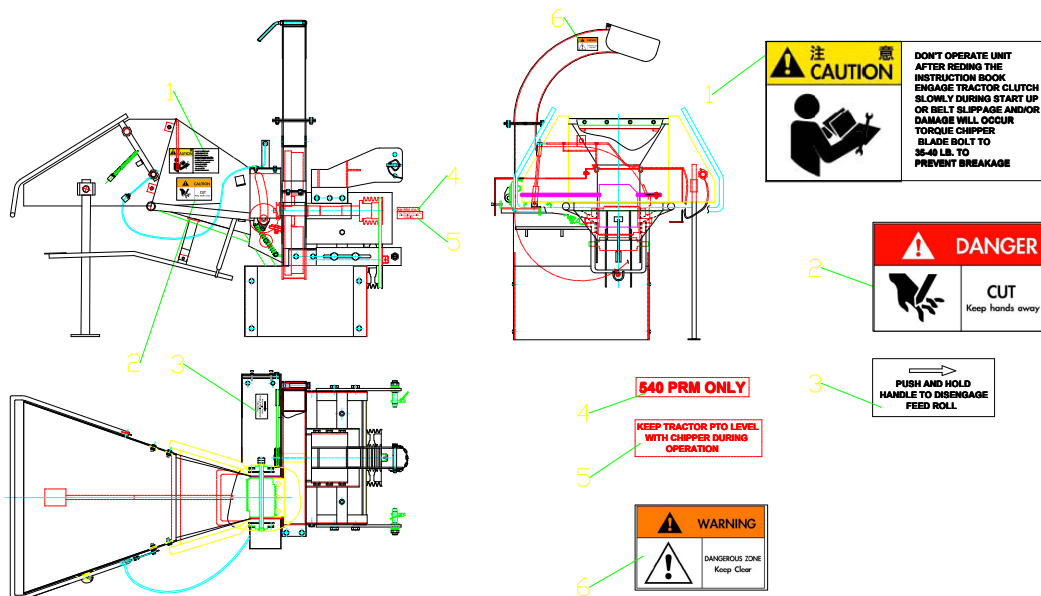
c) Check for and tighten any loose parts.

4. Every 10 hours of operation, check the bolts on the following for correct torque (75 ft. lbs.):

- . Chipper rotor bearing**
- . Chipper blades**
- . Rotor paddles**
- . Chipper anvil**

3. Safety decals

3.1 Safety decals location



3.2 Safety decals





4. DRIVE – LINE SAFETY TIPS

Agriculture is recognized as one of the most hazardous of occupations – today's farmer spends long hours in close proximity to increasingly complex and powerful machinery.

To avoid accidents, everyone from the supplier and the company who manufactures and assemble the machinery, to the dealers and ultimately the actual user, must keep lines of agricultural implements. Also refer to our catalogs, general safety literature. And the standards published by the American society of agricultural engineers.

4.1 DERIVE-LINE SPECIFICATIONS

The first step towards a safe application is to specify and test the drive-line to operate properly under expected field conditions.

- 1. specify and test the proper size joints and telescoping members based upon the power required by the implement, speed of rotation, joint angles, shock leads, and expected life. More information may be found in all drive – line manufactures' catalogs.**
- 2. design and test the hitch geometry to prevent the drive-line from:**
 - Extending beyond the recommended maximum length.**
 - Bottoming out**
 - Reaching a position that allows joints to lock.**
 - Exceeding the maximum allowable angle for constant velocity (CV) joints.**

Information concerning these parameters may be found in all drive-line manufacturers' catalogs. Specify and test telescoping members to allow the lowest possible thrust loads, considering the expected working conditions.

3. **Specify and test torque limiters to control excessive shock loads.**
4. **where necessary, specify and test overrunning clutches to prevent inertial loads from overpowering the tractor.**
5. **Provide a means to support the drive-line on the implement when it is disconnected from the tractor, to prevent damage during storage or transportation.**

4.2 HAZARD REDUCTION:

The second step in specifying a safe drive-line application is to strive to eliminate as many hazards as possible.

1. **On drivelines with torque limiting or overrunning devices, specify that the device e positioned on the end of the drive-line by the implement.**
2. **For implement connections which require bolts or set screws, select supply hardware which minimizes protrusions.**
3. **For tractor PTO shaft connections, specify type yoke (twist or slide collar) to minimizes protrusions.**
4. **Provide a proper clearance zone for the operation of the drive-line, to avoid damaging the shielding components.**

Some common areas of interference are:

- **Three point linkage**
- **Extended or eye loop hitch pins**
- **Hydraulic hoses**

4.3 GUARDING

For hazards which cannot be eliminated effectively, guarding must be provided whenever feasible.

The PTO master shield, integral drive-line shield, and implement input connection shield should provide an interactive guarding system.

1. **Provide instructions by labels or manuals. The implement should be used only with the tractor's PTO master shield in place.**
2. **Specify and test an integral drive-line shield with end cones which will overlap, but not interfere with the PTO master shield or implement input connection shield.**
3. **Provide an implement input connection shield to interact with the integral drive-line shield to provide guarding of the shaft coupling and any torque limiting device installed on the drive-line.**
4. **Check that all routine maintenance of the drive-line can be done without removal of the shields.**

4.4 WARNING AND INSTRUCTIONS:

Provide warnings and instructions for hazards associated with the machine. Provide instructions for proper maintenance and repair.

- 1. Provide labels on the unit to advise the user of proper hitch dimensions and maximum safe operating speed.**
- 2. Check that proper danger labels are supplied with the drive-line 9replacements are available from your drive-line supplier).**
- 3. Provide easy-to understand instructions for proper drive-line operation, maintenance, and repair in the operator's manual.**
- 4. Advise against the use of PTO adapters which may defeat the purpose of the tractor's master shield and adversely affect the performance of the drive-line.**
- 5. Advise the user of locations of genuine original equipment spare parts.**
- 6. Further information about drive-line specifications and safety may be obtained from your drive-line supplier and the following ASME standards and Engineering Practices:**
- 7. S203-Rear power, Take Off FOR Agriculture tractors
S205-Power Take Off Definitions and Technology for Agricultural Tractors.
S207-Operating Requirements for Tractor and Power Take-Off Driven Implement
S318-Safety for Agriculture Equipment
S311-Implement Power Take-Off Drive-line specifications
S333-Agriculture Equipment
S350-Safety Alert Symbol for Agricultural Equipment
S441-Safety Signs
S493-Guarding for Agricultural Equipment
EP363-Technical Publications for Agricultural Equipment
Other standards may apply for particular types of implements.**

All drive-line manufacturers strive to produce a safe product. Dive-line, like most other components, must be used properly, including the use of proper tractor master shields and implement input connection shields.

Please contact us if you have any questions about your drive-line application.

4.5 SAFETY INSTRUCTIONS

Do not attempt to operate the chipper until you have read and understood the owner's manual.

If you need another manual, contact the factory or the dealer where you purchased the unit. We will furnish an extra manual at no charge.

Always keep the guards and chip defector installed properly while operation the chipper.

Keep the decals in place and in good repair. The factory or your dealer will furnish

new decals upon request.

Never leave the chipper running unattended.

Do not attempt alterations, repairs or adjustments while the chipper head is turning.

Always disconnect the PTO and the motor, then put the keys in your pocket

Keep hands, feet and other extremities out of and away from the hopper.

Point the discharge chute away from doorways, sidewalks, or any areas where your view is obstructed. The chute should be pointed down wide when possible or the fines will blow into your eyes and down your neck. This is not very comfortable.

Keep everyone, especially children, way from the area of operation. Anyone who has not read this manual and received instructions from a qualified person should not be in the area.

4.6 WEAR PROTECTIVE GEAR.

EYES – wrap – around safety glasses or goggles

EARS – ear plugs

HANDS – Leather gloves

FEET – Steel toed boots

Legs – Heavy Pants

ARMS – Long sleeved shirt

No loose clothing should be worn around the chipper. Children as well as adults could easily lose a finger or four, if someone or something turns the flywheel over when the blades are being checked or the cutter bar is being adjusted. The flywheel has enough residual energy to easily remove fingers.

5. OPERATION

Your chipper does need to the setup prior to installation. It arrives in a metal cage that can be dismantled in minutes.

The in-feed chute and stand are shipped with the unit and are located in the bottom of the metal cage. Put the stand together. Place the chipper on the stand and bolt on the two mount brackets. See drawings near the back of the manual-check the table of contents for actual pages.

A small box containing the two (2) chipper hitch assemblies and mounting bolts is located in the bottom. The chute can enclosed (see retrofit instructions regarding use of shorter bolts with lock washer and flat washer).

Always turn the head over by hand before applying power, to ensure that nothing is in the head. If the chip deflector or any of the guards have been removed for shipping, be sure to replace them properly. The PTO drive line is also shipped with the unit and is also located in the bottom of the metal cage.

Keep the chipper as close to the tractor as possible. The PTO shaft needs to be sized for your tractor see the specific section in the manual for this procedure.

Make sure that the shaft will not bottom out in the shortest position.

Keep the PTO shaft straight and within 15 degrees of level when operation the unit.

Do not allow the chipper to be operated without the chip deflector properly in place, because the flywheel and blades will be exposed and the flow of chips cannot be controlled.

5.1 MACHINE CHECKLIST

CAUTION: Turn the chipper head over by hand before applying power to make sure that the head is clear, all the bolts are clear, and the knives clear the case and cutter bar.

Make sure that:

- 1. The feed roll driven – shaft and pivots are properly lubricated.**
- 2. The feed roll clutch is properly lubricated and the clutch release when the handle is pushed toward the chute.**
- 3. the PTO shaft doesn't come apart or bottom out during the normal lifting range.**

Check the chip pile to see if the blades need to be serviced. Long slivers in the chip pile are one the best indications of dull blades.

The chipper is a flywheel and knife type of as they are fed into the head. The blades must be sharp to operate properly. Dirt, rocks, nails, or other foreign material will shorten blade life.

Before operating the chipper review the machine checklist. After turning the chipper by hand and making sure there no obstructions in the head, start the tractor and raise the chipper until the PTO shaft is within 15 degrees of straight.

Start the chipper slowly with the PTO engaged, and release the PTO clutch slowly. Gradually increase speed until the tractor PTO speed is 540RPM.

The material will feed into the head more easily if your start the pieces with the

large end first.

The feed roll will fold branches as they are pulled into the hopper. Occasionally, a limo fork may have to be cut to feed properly.

If the material stops feeding, sometimes a little push on the long end of the limo will help.

If the material stops the feed roll, release the feed roll clutch by pushing it toward the chute. Hold the clutch in the disengaged mode, and pull the material out the hopper. Release the feed roll clutch and the feed roll will turn again.

Remember to cut only clean material, or blade life will be shortened.

Do not move the unit while the flywheel is turning.

Block the wheels and set the brake while the running the head.

Watch the discharge chute while operating the unit and if the chips stop flowing stop feeding material into the unit by moving the feed roll clutch handle toward the chute and pulling the material from the hopper.

Most of the time this will be enough to clear the chips out of the unit. If the unit slows down noticeably, first shut off the PTO power, then the tractor.

Unplug the head by turning it backwards by hand with the discharge chute and top section of the wrapper off.

Remove the chips from the top of the head. If this fails, remove the clean-out door, located on the lower part of the front side-plate of the chipper below the main shaft. Then worked the chips out the case.

Replace the clean-out door after all the chips are removed, being sure to use both the lock washers and flat washers.

Turn the head by hand after assembly to be sure it turns freely. Be sure to replace the chip deflector.

Do not operate the unit without the deflector in place.

Before stopping the chipper, be sure that all of the material is out the head and out of the feed roll.

All of the material in the chute must be gone or the unit could jam on a small piece of material . this can usually be cleared by turning the unit backwards by hand.

To replace the blades, take the PTO shaft out of gear. Shut off the tractor and keep the keys in your pocket. The blades on most models are replaced or turned by removing the inspection plate on the side opposite the chute.

Unhook the feed roll springs, block the feed roll to maximum position, and, with an allen wrench on the chute side and a socket on the other, remove the bolts.

Be careful not drop any parts inside.

Remove the blade, clean the blade pocked, and turn or sharpen the blade. Replace.

Torque the bolts to 50 foot-pounds in all holes so the bolts are straight through the flywheel.

A small screwdriver or ice pick works well to clean pockets for the allen wrench.

Replace the inspection plate and reattach the spring.

Turn over by hand before applying power. The cutter bar should be adjust to .010 to .030 from the blades by loosening the bolts in the bottom of the chute in the slotted holes and moving the bar on the slots.

Bolts are to be torqued to 35 foot-pounds.

The cutter bar can be reversed and/or re-sharpened.

Dull blades cause many problems, such as:

Seeming lack of power, plugging of the discharge chute, rough cutting with more vibration than usual, feed roll shaft broken, main bearing working loose and the flywheel or blades hitting the case or bed knife, feed roll kicking out of gear, and not feeding.

To properly sharpen the blades, sharpen an angle A and keep the angle about 35 degrees, the same as a new set.

Area B cannot be rounded, or the blades will not pull the material into the head.

The best way to tell if the blades need sharpening is to watch the chips coming out of the chip discharge.

If they are long and stringy, the blades need to be service. Sometimes the blades feel sharp to the fingers, but may be worn or rounded in area B. they need to be sharpened.

5.2 DRIVE-LINE FITTING ADJUSTMENTS

PTO drive-line date on model 4 and 6 tool barn PTO driven chippers and chipper mulches with speed-up kit options.

This date is for drive-line fitting adjustment, which is required prior to initial startup and installation of chippers.

Prior to startup, the PTO that is supplied with your chipper must be properly sized to insure proper operation. If this is not done, damage to the chipper, PTO, and tractor PTO drive-line will occur.

These calculations are vased on the following assumptions:

1. The PTO drive-line used is the one supplied with your chipper with a size 2 PTO shaft spline for a type 1 spline on this tractor PTO.
2. The drive-line has an active length range of 24.5" to 21.5" and that 2-1/4" of contact area on the tractor PTO spline an 1-3/8" of contact area on the chipper spline haft are utilized.
3. The two shaft ends are horizontal with one another.

The following steps should be taken to issue the proper fitting of the PTO driven-line (provided with your chipper) with your tractor PTO drive.

1. Attach the chipper to your tractor three-point connections.
2. Raise the chipper to a position where its drive-shaft is level with the tractor PTO drive-shaft. This horizontal position is recommended for operation of the chipper.
3. A maximum of 15 degrees of offset from the horizontal position between the

two

shaft ends is allowable for proper operation of the unit by the PTO drive-line manufacturer. However. Drive-line calculations are based on a level, horizontal position.

With the two drive shafts level with one another, measure the distance between the ends of the two shafts. (the chipper and the tractor PTO shaft ends)

This distance between the two shaft ends is the measured shaft end distance, or “meshed”.

The PTO drive-line is capable of handling a meshed between 18.76” to 21.76”, allowing for at least 1/3 of shaft overlap as recommended by the drive-line manufacturer.

- 4. If the meshed is longer than 21.76” a longer drive-line is needed and should be ordered.**
- 5. If the meshed is shorter than 18.76” a shorter drive-line is needed and should be ordered.**
- 6. Most drive-lines must be adjusted to fit by cutting off equal amounts of the ends of the shaft tube and the guard tube of the PTO drive-line.**
- 7. Consult the drive-line manufacture date enclosed with your drive-line for proper assembly. Lubrication and operation- prior to startup, and during operation.**

REMEMBER:

Contact with the drive-line while in use can result in serious injury or death.

Any portion of the drive-line not shielded must be guarded by an interactive guarding system.

The manufacturer or the equipment is responsible for providing guards. Any replacement guard must be one which is specified by that manufacturer. In short, do not remove any of the plastic safety covers on the drive-line, and insure that caution is used around this used around this drive-line no one should be in the drive-line area when it is operating.

Another drive-line data base is as follows – these calculations are based on the following assumptions:

- 1. The PTO drive-line is the model 7102043nnt07607 with a size 2 PTO shaft spline for A type 1 spline on the tractor PTO.**
- 2. The drive-line has an active length range of 31.06 to 25.13”**
- 3. That 2-1/4” of contact area on the tractor PTO spline and 1-3/8” of contact area on the shipper spline shaft are utilized.**
- 4. The two shaft ends are horizontal with one another.**

The following steps should be taken to insure the proper fitting of the PTO drive-line provided with your chipper to your tractor PTO drive.

- 1. Attach the chipper to your tractor three-point connections raise the chipper to a**
- 2. position where its drive-shaft is level with the tractor PTO drive-shaft.**

The recommended position of the chipper during operation is in this horizontal position .

A maximum of 15 degrees of offset from the horizontal position between the two shaft ends is allowable for proper operation of the unit by chipper.

Drive-line calculations have been based on level or horizontal position.

3. With the two drive-shafts level with one another. Measure the distance between the ends of the two shafts. (the chipper and the tractor PTO shaft ends)

This distance between the two shaft ends is the measured shaft end distance or “meshed”.

4. The PTO drive-live is capable of handling a meshed between 27.24” to 20.31” allowing for at least 1/3 of shaft overlap as recommended by the drive-line manufacturer.

5. If the meshed is longer than 27.24” a longer drive-line is needed and should be ordered.

6. If the meshed is shorter than 20.31” but longer than 17.31”, the PTO drive-shaft must be fitted. Fit the drive-shaft by cutting off equal amounts of the ends of the guard tube of the PTO drive-line.

The amount to cut off each end of the shaft tube and the guard tube is the difference between 20.31 and the meshed for your unit.

In no case more than 3’ of shaft tube and guard tube be removed, or the contact area is not sufficient for proper and safe operation of the drive-line.

EXAMPLE:

if the meshed is 17.31”, cut off 3” from the ends of the shaft tube and the guard tube of the drive-line (20.31” minus 17.31”=3” of cut off distance).

Cut off the same amount from the shaft tube plastic safety cover and the guard tube safety cover to insure proper assembly and fit of the drive-line.

7. If the meshed is shorter than 17.31” a shorter drive-line is needed and should be ordered.

8. Consult the data enclosed with your drive-line for proper assembly, disassembly, lubrication and operation- prior to startup and during operation.

REMEMBER:

Contact with the drive-line while in use can result in serious injury or death.

Any portion of the drive-line not shielded must be guarded by an interactive guarding system, the manufacturer of the equipment is responsible for providing guards. And replacement guard must be one which is specified by manufacturer.

In short, don’t remove any of the plastic safety covers on the drive-line, and insure that caution is used around this drive-line. No person should be in the drive-line area when it operating.

6. SPECIFICATIONS

We have designed and manufactured the chipper as possible. We have used off –

the shelf bearings, belts, and pulleys. We have manufactured a few items that were not readily available. The off-the shelf items are balance of the parts are available from the dealer, distributor, or factory.

We have used grade 8 bolts on the models for the models for the flywheel, blades, and cutter bars. All other bolts are grade 2 or 5 as needed.

7. PREVENTIVE MAINTENANCE

Check all bolts, set-screws and fasteners after running four hours, and once per day thereafter.

Check for loose belts and broken pulleys, loose springs, dry slides, and proper lubrication of both feed roll drive-line and feed roll clutch.

The main drive belts on the chipper need to be tight. To tighten these belts, first loosen the four bottom nuts that hold the jack-shaft bearing. Loosen them about three turns, then move the nuts on the top of the bearings down and equal amount. Keep the jack-shaft parallel with the main shaft. Torque the bottom nuts 80 foot pounds.

The belts of the main drive on the PTO chipper should be checked every eight hours of operation.

Look for cracks, looseness, or other signs of deterioration. For best performance, replace with a matched set of eight belts.

The feed roll drive belt can be adjusted by first loosening the four bolts that hold the worm gear box to the base, then moving the gear box away from the chute and re-torques the bolts to 40 foot pounds.

All decals and safety instructions should be kept clean and legible. It is the operator's responsibility to replace the decals as needed; they will b mailed at no charge.

8. LUBRICATION FREQUENCIES AND LOCATIONS

PTO shaft – 2 zerks on universals once a day with multipurpose grease.

Slip Joint – lubricate with multi – purpose grease

Feed roll pivot - 2 zerks on underside of chute end.

Multi – purpose grease every 4 to 8 hours of operation. If dust or fine particles make pivot bind, unhook feed roll springs, use cleaning solvent on pivot while moving up and down, wipe off, lubricate, and replace springs.

Feed roll drive-shaft-zerk on feed roll drive-shaft lubricates both the slide and both universal joints. Add multi-purpose grease until grease shows at both universals every 4 to 8 hours of operation, particularly before each use. Occasionally reeve and thoroughly clean this assembly.

Feed roll clutch – while feed roll shaft is off, lubricate the feed roll clutch inside and outside and outside with multi-purpose grease.

Gear box – check separate sheet for gear box lubrication.

9. TROUBLE SHOOTING

PROBLEM: head slows but tractor does not

Possible causes

**Main drive belts are slipping
Blades dull**

solution

**tighten
sharpen / reverse**

PROBLEM: Feed roll clutch kicking in and out of gear excessively

Possible causes

**Blades dull
Material jammed in chute**

solution

**sharpen / reverse
release feed
roll clutch and
remove material
by pulling cut
of chute, trim forks,
and feed into chute.**

PROBLEM: Not chipping clean or chip deflector plugging

Possible causes

**Blades dull
Cutter bar rounded
Cutter bar not adjusted properly**

solution

**sharpen / reverse
sharpen / reverse
adjust to tolerance level.**

Chipper head turning too slowly

check to PTO speed at 540 RPM

PROBLEM: Unit won't feed

Possible causes

Feed roll slides dirty or dry

Fork in material too wide

Feed roll gear box belt loose

Feed roll tension springs stretched

solution

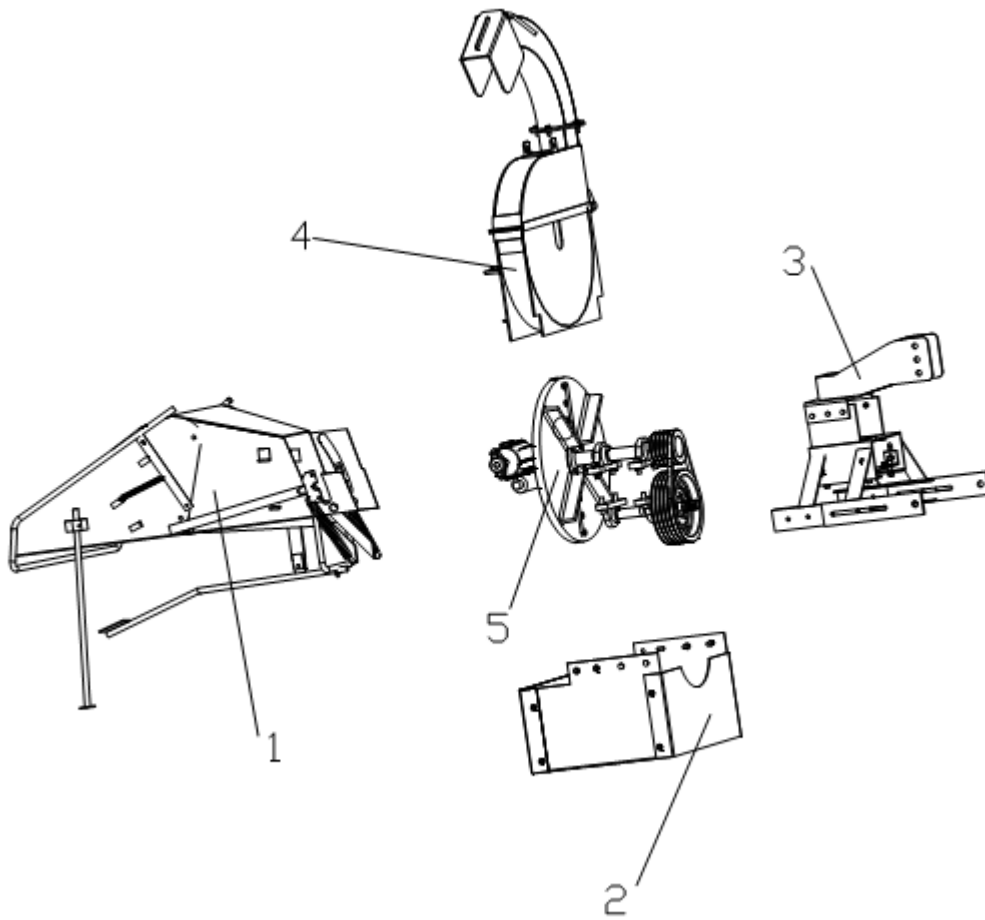
clean & lubricate

remove and trim

tighten

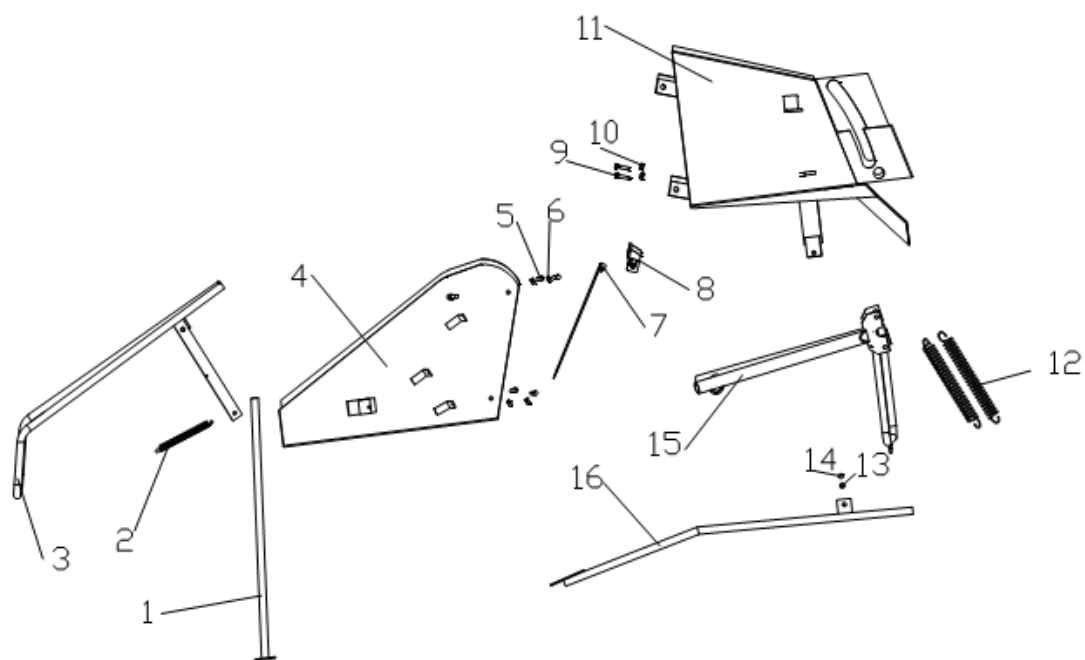
replace

10. WOOD CHIPPER PARTS ASSEMBLY



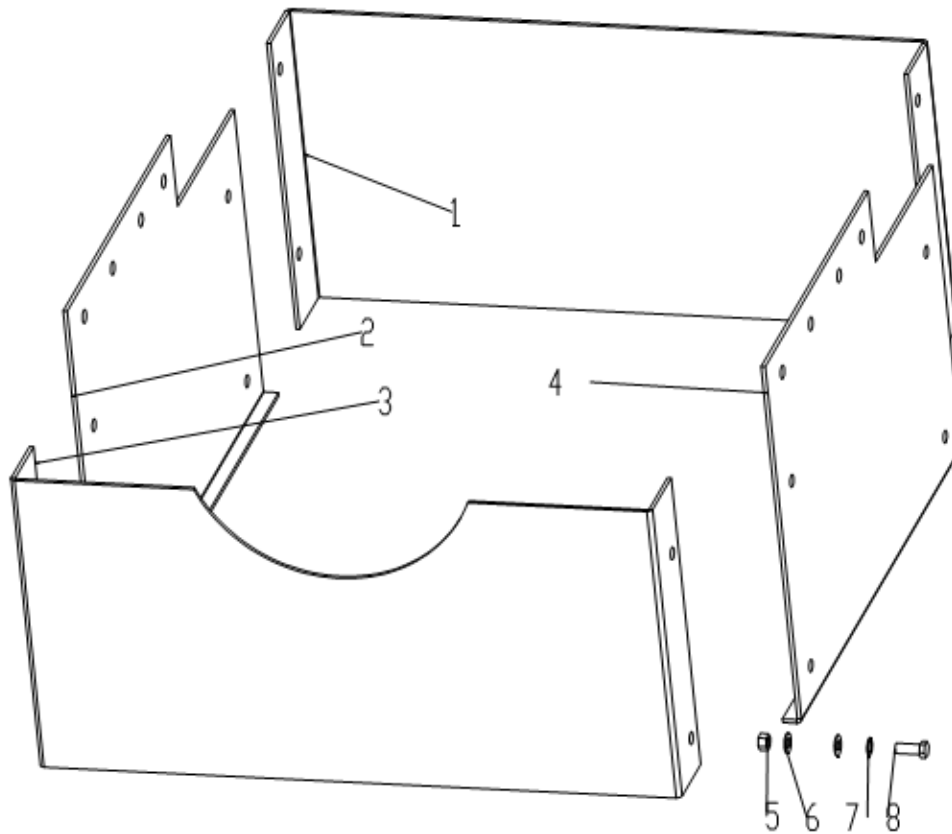
项目号 NO.	零件代号 Part NO.	零件名称	Name & Specifications	数量 Quantity	备注 Remark
1	CH6.01.001	工作台总成	Workbench Assembly	1	
2		机座总成	Bedding Assembly	1	
3		传动支撑总成	Drive Support Assembly	1	
4		飞轮箱总成	Flywheel Box Assembly	1	
5		传动件总成	Drive Piece Assembly	1	

WORKBENCH ASSEMBLY



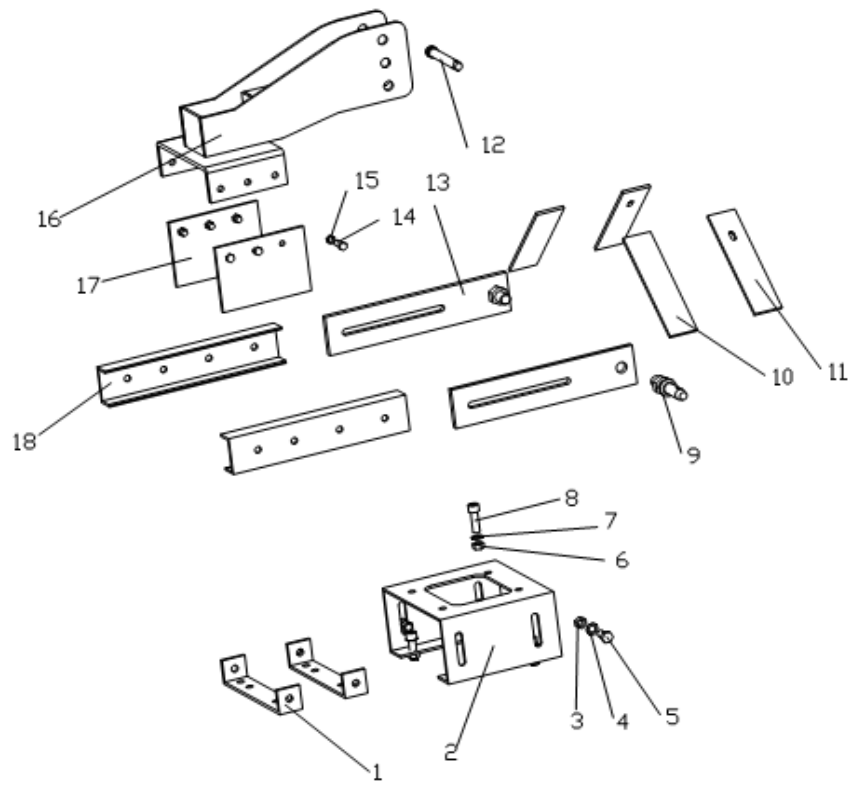
项目号 NO.	零件代号 Part NO.	零件名称	Name & Specifications	数量 Quantity	备注 Remark
1	CH6.00.011	撑杆焊合件	Support pole weldment	1	
2	CH6.04.101	开关拉簧	Switching tension spring	1	
3	CH6.04.011	工作台扶手焊合件	Workbench rail weldment	1	
4	CH6.05.011	工作台焊合件	Workbench weldment	1	
5	GB/T5783-2000	螺栓 M10×35	Bolt M10×35	4	
6	GB/T6170-2000	螺母 M10	Nut M10	4	
7	CH6.06.011	料口挡板焊合件	Funnel baffle weldment	1	
8	CH6.06.012	挂钩焊合件	Tieback weidment	1	
9	GB/T5783-2000	螺栓 M10×30	Bolt M10×30	2	
10	GB/T6170-2000	螺母 M10	Nut M10	2	
11	CH6.07.001	喂料口总成	Funnel weldment	1	
12	CH6.00.103	滚筒拉簧	Roller tension spring	2	
13	GB/T5783-2000	螺栓 M10×40	Bolt M10×40	1	
14	GB/6170-2000	螺母 M10	Nut M10	1	
15	CH6.02.001	滚筒支架总成	Roller bracet weldment	1	
16	CH6.03.001	脚踏总成	Pedal support weldment	1	

BEDDING ASSEMBLY



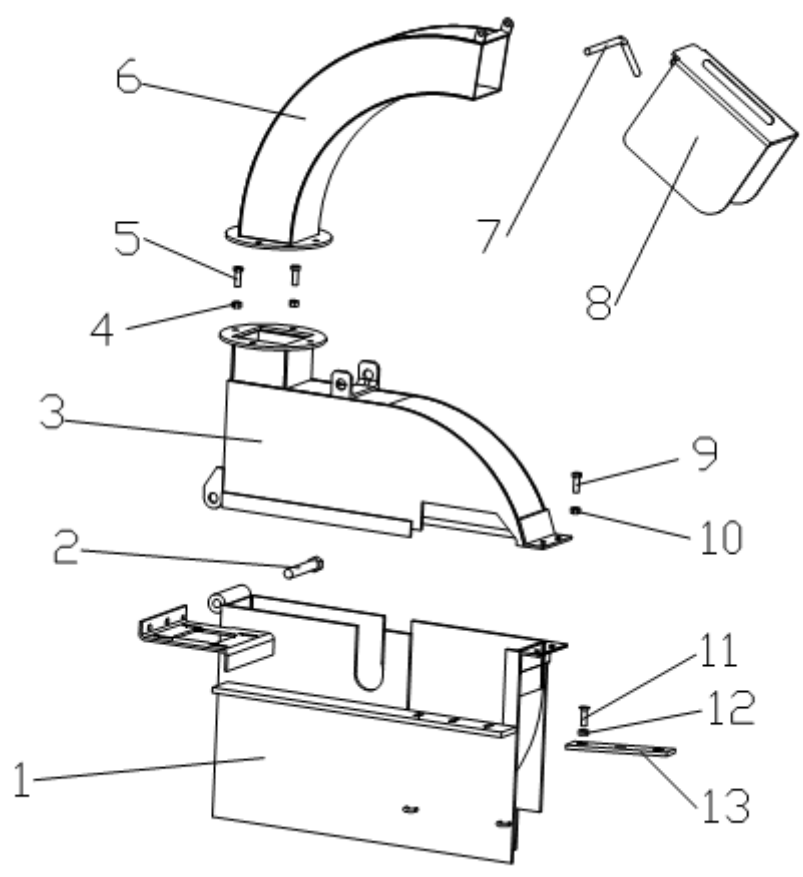
项目号 NO.	零件代号 Part NO.	零件名称	Name & Specifications	数量 Quantity	备注 Remark
1	CH6.01.101	前板	Front board	1	
2	CH6.01.104	右侧板	Right side board	1	
3	CH6.01.103	后板	Back board	1	
4	CH6.01.102	左侧板	Left side board	1	
5	GB/T6170-2000	螺母 M10	Nut M10	6	
6	GB/T97.1-2002	平垫 10	Plain washer 10	12	
7	GB/T93-1987	弹垫 10	Spring washer 10	6	
8	GB/T5783-2000	螺栓 M10×30	Bolt M10×30	6	

DRIVE SUPPORT ASSEMBLY



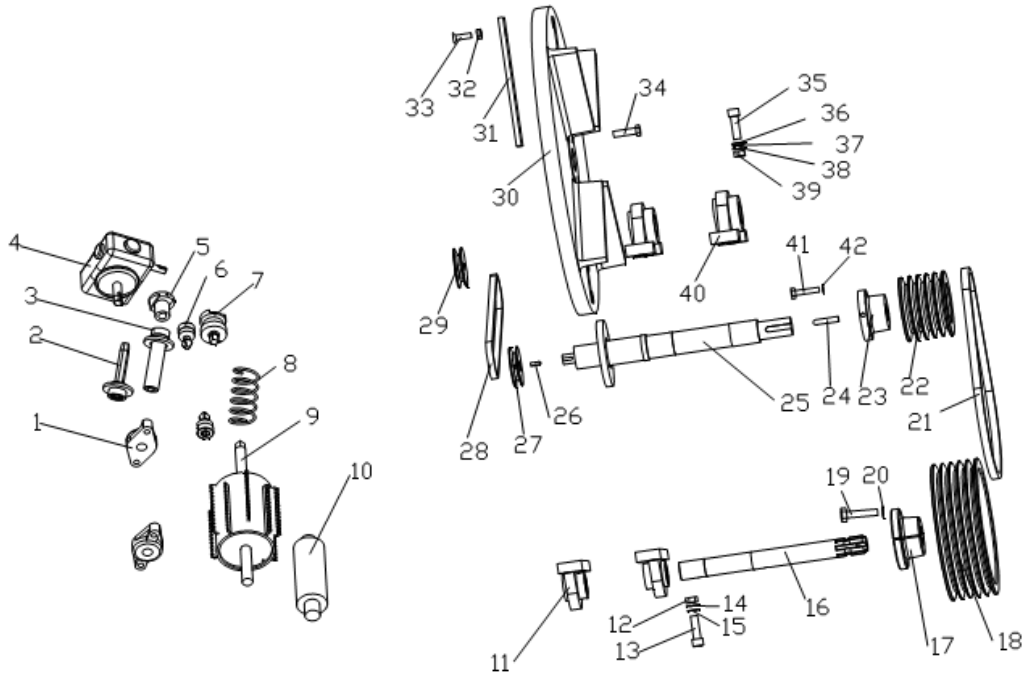
项目号 NO.	零件代号 Part NO.	零件名称	Name & Specifications	数量 Quantity	备注 Remark
1	CH6.10.110	下轴承座板	Down bearing 207 support plate	2	
2	CH6.10.107	上轴承座板	Center support plate	1	
3	GB/T6170-2000	螺母 M14	Nut M14	4	
4	GB/T97.1-2002	平垫 14	Plain washer 14	4	
5	GB/T5783-2000	螺栓 M14×20	Bolt M14×20	4	
6	GB/T6170-2000	螺母 M14	Nut M14	4	
7	GB/T97.1-2002	平垫 14	Plain washer 14	4	
8	GB/T5783-2000	螺栓 M14×45	Bolt M14×45	4	
9	CH6.00.012	下销栓组合件	Down connect assorted parts	2	
10	CH6.10.108-1	无孔筋板	No hole muscle plate	2	
11	CH6.10.108-2	有孔筋板	Inc hole muscle plate	2	
12	CH6.00.013	上悬挂销组合件	Top connect assorted part	1	
13	CH6.10.109	连拖下板	Down plate for connect tractor	2	
14	GB/T5783-2000	螺栓 M12×25	Bolt M12×25	6	
15	GB/T6170-2000	螺母 M12	Nut M12	6	
16	CH6.10.011	连拖上板焊合件	Top plate weldment for tractor	1	
17	CH6.10.106	悬挂支座连接板	Pensile fixed connect plate	2	
18	GB/T707-1988	8号槽钢	The eighth channel steel	2	

FLY WHEEL BOX ASSEMBLY



项目号 NO.	零件代号 Part NO.	零件名称	Name & Specifications	数量 Quantity	备注 Remark
1	CH6.14.011	下半体焊合件	Down half body weldment	1	
2	GB/T5782-2000	螺栓 M18×90	Bolt M18×90	1	
3	CH6.09.001	上半体总成	Top half body weldment	1	
4	GB/T6170-2000	螺母 M10	Nut M10	1	
5	GB/T5783-2000	螺栓 M10×30	Bolt M10×30	4	
6	CH6.08.011	出料管焊合件	Discharging weldment	4	
7	CH6.08.012	加紧手柄焊合件	Tightening handle weldment	1	
8	CH6.08.013	口盖焊合件	Cover board weldment	1	
9	GB/T5783-2000	螺栓 M10×30	Bolt M10×30	2	
10	GB/T6170-2000	螺母 M10	Nut M10	2	
11	GB/70.3-2000	内六角沉头螺钉 M10×35	Screw M10×35	1	
12	GB/T6170-2000	螺母 M10	Nut M10	2	
13	CH6.14.101	定刀片	Fixed chipper blade	1	

DRIVE PIECE ASSEMBLY



项目号 NO.	零件代号 Part NO.	零件名称	Name & Specifications	数量 Quantity	备注 Remark
1	GB/T7810-1995	菱形座调心球轴承 204	Bearing 204	2	
2	CH6.13.011	内传动轴焊合件	Inner drive shaft weldment	1	
3	CH6.13.012	外传动轴焊合件	Outer drive shaft weldment	1	
4	Q-IAKY01-91	蜗杆减速器 WPR40:30:1 II	Worm reduction gear WPR40:30:1 II	1	
5	CH6.13.101	离合器内牙嵌	Clutch inner claw	1	
6	CH6.13.102	传动轴球头	Spring for drive knob	2	
7	CH6.13.103	离合器外牙嵌	Clutch outer claw	1	
8	CH6.13.104	传动轴护簧	Spring for drive shaft	1	
9	CH6.13.013	上滚筒焊合件	Top roller weldment	1	
10	CH6.13.014	下光筒组合件	Down slick roller	1	
11	GB/T7810-1995	带座调心轴承 207	Bearing 207	2	
12	GB/T6170-2000	螺母 M14	Nut M14	4	
13	GB/T5783-2000	螺栓 M14×50	Bolt M14×50	4	
14	GB/T97.1-2002	平垫 14	Plain washer 14	4	
15	GB/T93-1987	弹垫 14	Spring washer 14	4	
16	CH6.12.101	输入轴	Input transmission shaft	1	
17	CH6.12.102	大带轮轮毂	Big belt pulley hub	1	
18	CH6.12.103	大带轮	Big belt pulley	1	
19	GB/T5783-2000	螺栓 M10×50	Bolt M10×50	3	
20	GB/T97.1-2002	平垫 10	Plain washer 10	3	
21	JB/T7512.1-94	大皮带 1105-5M15	Big belt 1105-5M15	5	
22	CH6.11.105	小带轮	Small belt pulley	1	
23	CH6.11.104	小带轮轮毂	Small belt pulley hub	1	
24	GB/T1096-2003	键 C10×50	Key C10×50	2	
25	CH6.11.011	主轴焊合件	Primary shaft weldment	1	
26	GB/T1096-2003	键 C6×20	Key C6×20	2	
27	CH6.11.102	分运动主动轮	Divided movement primary belt pulley	1	
28	GB/T13575.1-92	分运动皮带 A991	Divided movement belt A991	1	
29	CH6.13.105	分运动从动轮	Divided movement passive belt pulley	1	
30	CH6.11.103	飞轮	Fly wheel	1	
31	CH6.11.101	动刀片	Chipper bed blade	2	
32	GB/T6170-2000	螺母 M10	Nut M10	8	
33	GB/T819.2-1997	内六角沉头螺钉 M10×35	Screw M10×35	8	
34	GB/T5783-2000	螺栓 M12×45	Bolt M12×45	4	
35	GB/T5783-2000	螺栓 M14×50	Bolt M14×50	4	
36	GB/T97.1-2002	平垫 14	Plain washer 14	4	
37	GB/T97.1-2002	平垫 14	Plain washer 14	4	
38	GB/T93-1987	弹垫 14	Spring washer 14	4	26
39	GB/T6170-2000	螺母 M14	Nut M14	4	
40	GB/T7810-1995	带座调心轴承 209	Bearing 209	2	

