

**Users' manual  
GTS1000MZ**

*English\**




**[www.vilagrancha.com](http://www.vilagrancha.com)**

**\*Original instructions**



1. Safety instructions and regulations regarding health and safety during operation	
1.1 Responsibility .....	4
1.2 Instructions for safety during use .....	4
1.3 Safety directions for use and maintenance .....	5
1.4 Explanation of the safety symbols .....	5
2. Description and technical service	
2.1 Type description .....	5
2.2 Service .....	5
2.3 Spare parts .....	5
2.4 Warranty .....	5
3. General description	5
4. Unwrapping and assembly	
4.1 Parts inside the crate .....	6
4.2 Assembly instructions .....	6
4.2.1 Assembly of the hopper (input tube) .....	6
4.2.2 Assembly of the output tube .....	6
4.2.3 Assembly of the handle .....	6
4.2.4 Assembly of the turnable output tube (option) .....	6
5. Controls	7
6. Instructions for use	
6.1 Preparation .....	7
6.2 Starting the machine .....	7
6.3 Chipping/shredding .....	7
6.4 Stopping the machine .....	8
6.5 Emergency stop .....	8
6.6 Deflector .....	8
6.7 Blocking of the rotor .....	8
6.8 Output jammed .....	8
6.9 Moving the machine .....	8
7. Maintenance	
7.1 Cleaning .....	9
7.2 Verification of the emergency stop button .....	9
7.3 Replacing and adjusting the belts .....	9
7.4 Greasing the bearinghousing .....	9
7.5 Replacing the blades .....	10
7.6 Replacing motor oil .....	11
7.7 Engine maintenance .....	11
8. Technical specifications	11
9. Trouble shooting table	12
10. Warranty conditions	13
11. EC Declaration of conformity	14

**General:**  This symbol means ATTENTION. Rules marked with this symbol concern safety measures, important notifications and warnings. Failure to follow these warnings can cause injuries and/or material damage.

# 1. Safety instructions and regulations regarding health and safety during operation

## 1.1 Responsibility

- The GTS1000MZ woodchipper may only be operated by persons over eighteen years of age, never under influence of drugs and/or alcohol and familiar with the safety rules and the operation manual. First and foremost, users must be able to stop the machine immediately.
- Users are responsible for all damage caused to a third party.
- The GTS1000MZ woodchipper is only to be used for the purpose mentioned in this instruction booklet. If the machine is used for any other purpose than described, the warranty and the responsibility of both the manufacturer and distributor will be null and void.
- The warranty will also be invalidated in the case of unauthorized intervention on the machine and whenever the safety instructions, as described in the following enclosures, are not followed.
- The user should be aware of the rules and regulations concerning the environment and noise levels. When using the GTS1000MZ woodchipper it is necessary for the user to wear personal protective equipment against noise (ear protection). Woodchipping has to be stopped every hour for at least 15 minutes. During these intervals, which are necessary in order to avoid the user being exposed to too much noise, the user should not be exposed to noise.
- In case of professional use of the GTS1000MZ woodchipper, the instructor must provide the user of the chipper with sufficient (written) instructions to guarantee a safe use.



## 1.2 Instructions for safety during use

Users must wear heavy-duty footwear and appropriate, well fitting trousers. Safety goggles and hear protection are mandatory. Do not wear loose clothes, or clothes with strings or ties. Long branches could lash into your face, so keep at a distance and always wear face protection. Wear gloves whenever dealing with the blades.

Defects must be corrected before use. Use only ORIGINAL spare parts for your own safety and validity of the warranty.

Check before every use at least the following:

- Loose bolts and nuts
- Damaged rubber flaps in the input tube – change them if they are damaged or worn.
- Oil level in the engine
- Cracks in the plating and/or failed weldings
- Cracked or damaged wiring
- Infeed tube and rotor should be empty

• The user is responsible for the safety of all persons within a radius of 12 m. Mark off an area at least 3 meters wide and 12 meters long on the output side. Use red/white ribbons for marking the danger zone. If your machine is equipped with a turnable output tube, each time you change the direction of the output tube, the marked area needs to be adjusted accordingly. Always stand clear of the discharge zone when operating the machine.

• Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the feed intake opening.

• See that the machine stands horizontal and check the tire pressure regularly (minimum 1.5 bar, maximum 1.9 bar).

• The engine should only be run outdoors or in well-ventilated spaces. The smoke from the exhaust is very toxic and prolonged inhalation can be fatal.

• The fuel tank must be filled using a funnel (Fig. 1), always in the open air or in a well-ventilated space, with the engine switched off and having cooled down. Fuel is highly flammable. Do not smoke or light a fire. Use only an approved container. Always replace and securely tighten the fuel cap after refilling.

• If fuel is spilled, do not attempt to start the engine, but move the machine away from the area of spillage before starting. Always clean up spilled fuel.

• Place the machine in such a way that the exhaust fumes are blown away from the operator position. If needed move the machine.

• Do not operate the machine on a paved or gravel surface where ejected material could cause injury.

• Only operate the machine in an open space (e.g. not close to a wall or other fixed object).

• Never leave the machine unattended. If you leave the machine, stop the engine (Fig. 2) and (if applicable) remove the key (Fig. 3) from the contact or disconnect the spark plug wire.

• Assemble the machine completely before use. Never use the machine without the infeed or outfeed tube mounted on the machine. If the machine is equipped with a turnable output tube, never remove the turnable output. Always assemble the belt cover and the handle. All these parts assure that it is possible to work on a safe and easy way with the machine.

• If the blades hit a foreign object (anything except wood), or if the machine starts making unusual noises and/or shaking unusually, you must switch off the machine at once to stop the blades rotating. Switch off the engine and take the machine to the recommended dealer.

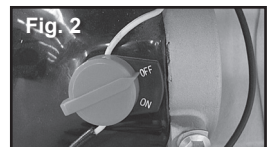
• The blades are blunt when the material isn't smoothly pulled into the machine anymore. The blades should be turned, grinded or replaced. Blunt blades increase the force on the rotor exponential and can cause broken parts which are not covered by warranty.

• Keep your face and body as far as possible from the input tube. While feeding the machine do not stand higher than the bottom of the wheels. Keep your balance and make sure your feet have grip on the soil. Do not bent forwards. Do not allow hands or any other part of the body or clothing inside the infeed or outfeed tube. Stay away from moving parts. Replace warning signs if damaged or not sufficiently legible.

• It is prohibited to feed any other material into the machine (e.g. metal, stones, plastics or any other material) than those mentioned in the manual.

• If the machine becomes clogged at the input or output tube, shut-off the engine and disconnect the spark plug wire or remove the key (if applicable) before cleaning the debris. Keep the power source clear of debris and other accumulations to prevent damage to the engine or possible fire. Remember that operating the starting mechanism on the engine will cause the cutting means to move.

• Do not tilt the machine while the engine is running.





### 1.3 Safety directions for use and maintenance

Do not leave the key (when applicable) in the ignition. Never leave the keys unattended. Keep out of reach of children and unauthorised persons. Disconnect the spark plug wire before attempting to do maintenance on the machine.

Wait until the engine is cooled down before attempting maintenance on the machine.

During servicing disconnect the battery, if applicable.

The blades have to be sharp and well balanced.

Never repair bent or damaged blades, but replace them. Always use ORIGINAL blades for your own safety!

Do not use, nor perform maintenance in the absence of light.

Remember that operating the starting mechanism on engine powers machines will still cause the cutting means to move.

### 1.4 Explanation of the stickers and safety symbols (Fig. 4)

<b>Sticker 1:</b>  Watch out: danger!  Read the users' manual carefully  Danger of flying debris  Keep a sufficient distance (12 m)  Risk of severe cuts and wounds  Risk of getting stuck	<b>Sticker 2:</b>  Danger of flying debris  Keep a sufficient distance (12 m)	<b>Sticker 3:</b>  Risk of severe cuts and wounds  Risk of getting stuck	<b>Sticker 4:</b>  Read the users' manual carefully Wear safety goggles, ear protection and safety gloves
	<b>Sticker 5:</b>  Serial number plate		<b>Sticker 6:</b>  Hot surface – Risk of burns <b>Sticker 7:</b>  Noise level

Fig. 4

## 2. Description and technical service

### 2.1 Type description

Each GTS1000MZ woodchipper is provided with a factory identification and serial number plate with the most important dates. You can find this plate on the chassis between motor and rotorhousing.

### 2.2 Service

This manual contains the instructions for the operation and basic maintenance of the GTS woodchipper. An authorized service dealer should carry out all other adjustments. It is advised to have the machine serviced once every year by an authorized service dealer.

### 2.3 Spare parts

Always use ORIGINAL spare parts, which are safe and guaranteed replacements.

### 2.4 Warranty

The warranty will be granted in accordance with the text on the last page of this instruction manual.

## 3. General description

The GTS1000MZ is a woodchipper intended to shred all kinds of fresh cut wood with a diameter of maximum 8 cm. It is also possible to shred roots, but the roots need to be cleaned from sand, earth, rocks or any other materials.

The machine consist out of an engine that propels a rotor using two belts. On the rotor there are two blades installed. Via an infeed tube the cut wood is introduced into the rotor where the material is shredded. The shredded material is then discharged via the output tube. An optional turnable output can be installed and allows to change the direction of the output.

On the rotorhousing one counter blade is installed.

## 4. Unpacking and assembly



An unpacking instruction is available inside the crate. Follow the instructions carefully to prevent damage during unpacking.

### 4.1 Parts inside the crate

The crate contains the following items:

- Hopper (input tube).
- Discharge tube (output or conveyor).
- Handle.
- Machine (chassis, motor and rotorhouse).
- Manual and unpacking instructions.
- Bag with tools (wrench for starter plug & screw driver) and bolts and nuts (4 long allen bolts (M8x25), 2 short allen bolts (M8x16), 4 rings, 2 wingnuts, and 2 bolts with handle).
- Key for de-blocking the rotor.

### 4.2 Assembly instructions

The following tools are needed during assembly: Allenwrench 6

#### 4.2.1. Assembly of the hopper (input tube)



The hopper (input tube) is big and heavy. We suggest to never lift it alone.



When mounting the hopper on the machine, the machine can get out of balance. Support the bumper on the chassis to prevent the machine from tilting (Fig. 5)



Always mount the hopper (input tube) first. It is not possible to mount the hopper when the discharge tube (output) is installed on the machine.

Put the hopper on the floor in front of the machine. Make sure the hinges are on the bottom, facing the machine. (Fig. 6) Lift the hopper and hold it above the rotor housing. Slide the hinges in the holes on the rotor housing. Tilt the hopper to the front until it touches the rotor housing. (Fig. 7). Use the 2 long allen bolts (M8x25), 2 spring washers and two rings to fix the hopper to the rotor housing. Tighten firmly. (Fig. 8)

Advice: Put the spring washers over the bolt before putting the rings.



#### 4.2.2. Assembly of the output tube

Put the output tube on top of the output hole of the rotor housing (Fig 9). Take the 2 long allen bolts (M8x25) and 2 short allen bolts (M8x16), and 4 spring washers to fix the output tube to the rotorhousing (Fig. 10). The long allen bolts are used on the back of the machine, the short allen bolts are used on the front side of the output tube (facing the input tube). Tighten firmly.



It doesn't matter how you orientate the output tube. This is a user decision. Both directions are possible. This allows the user to choose the output direction (Fig 11a and Fig 11b).

#### 4.2.3. Assembly of the handle

Assemble the handle on the chassis. Put the long bolts with handle through the chassis and through the handle. Tighten firmly.

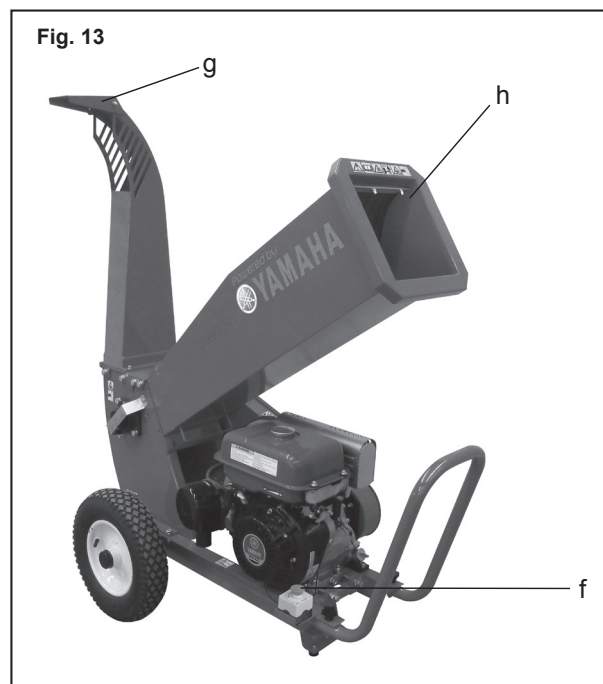
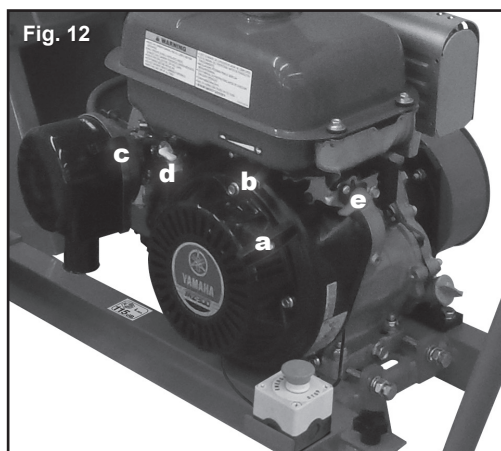
#### 4.2.4. Assembly of the (optional) turnable output

Please refer to the manual of the turnable output for the proper instructions.



## 5. Controls (Fig 12, 13)

- a. Start handle
- b. Throttle handle
- c. Choke handle
- d. Fuel valve
- e. On/Off switch
- f. Emergency button
- g. Deflector
- h. Input tube, hopper



## 6. Instructions for use

### 6.1. Preparation

Check that the machine is assembled according to the assembly instructions. Check following points before using the machine:

- No damage to the machine.
- All bolts and nuts tightened firmly.
- Oil level of the engine.



Always respect the safety and environment instructions!



Before starting the machine, always check that there are no woodchips in the rotor. These chips can block the rotor, making it impossible to start the engine.

### 6.2. Starting the engine

Before starting the engine, execute following steps:

- Open the fuel valve.
- Close the choke handle.
- Open the throttle valve for 1/3.
- Verify that the emergency button is not active (see chapter 6.5).
- Verify the position of the deflector (see chapter 6.6).
- Put the on/off switch in the "on" position (not applicable for electric start machines).

Pull the starter rope (depending 3 to 6 times) to start the engine.

When the engine is running, push the choke handle back to the normal position. If you leave the choke handle open too long, you will drawn the engine.

Let the engine run idle for at least 30 seconds before opening the throttle handle.

The machine is now ready for use.




Always start the machine idle (without load). Make sure that the input tube is empty and that there are no woodchips in the rotor.

### 6.3. Chipping/shredding

Put the branches in the input tube until the woodchipper starts pulling the branches into the machine. Release the branches.


When shredding branches with a big diameter, don't put too much branches at once. Make sure the speed of the engine doesn't drop. Cut side branches thicker than 3cm off from the main branch and gradually feed them into the machine separately.

Advice: The hardness of the wood depends on the wood type, the time between pruning and chipping and how dry the branches are. The machine performs best if the branches are chipped right after pruning.

 Check the torque of the blade bolts every two hours. If needed adjust the torque! (see chapter 7.5)

#### 6.4. Stopping the machine

Make sure the machine is completely empty before stopping the engine. After feeding the last branch into the machine, let the machine turn for a couple of minutes. Then you can switch the machine off using the on/off switch.

 Don't hesitate to use the emergency button in case of unexpected situations.


#### 6.5. Emergency stop button

The emergency stop button is located on the chassis on the side of the input (Fig 14). The button can be operated by foot or hand. Push the emergency stop button by pressing the button. The engine will stop immediately. To release the emergency stop button, turn the red button. Within half a turn, the button is released and it will be possible to start the machine again.



#### 6.6. Deflector

The deflector guides the woodchips so they end up on a pre defined place. The angle of the deflector can be changed by the wingnut.

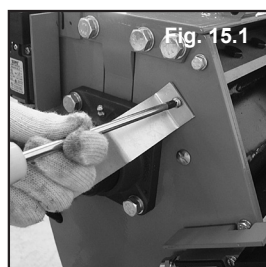
 Never stand in front of the output of a woodchipper when the engine is turning.


#### 6.7. Blocking of the rotor


It is possible that the rotor blocks because the rotor was not empty before stopping the engine, or the emergency push button was pressed (leaving woodchips inside the rotor) or because the engine has stopped due to overloading the chipper with too many branches, etc.

To de-block the motor, follow these steps:

Put the on/off switch in the "off" position. Remove the input and output tubes. Remove the bracket from the bearing housing by loosening the two bolts. The black cover can now be removed (Fig.15.1). Use the supplied key and slide it over the shaft of the rotor (Fig.15.2). Twist the key up and down and remove the woodchips between the blades on the rotor and the counter blade.



 Use a branch or a tool to remove the woodchips between the blades. Never use your hands. Be careful! The blades are very sharp and can cause serious injuries. Assemble the input as explained in chapter 4.2.1. Assemble the output as explained in chapter 4.2.2.


 Always check the blades after a jam. Replace the blades immediately when damaged. Using damaged blades is very dangerous.

#### 6.8. Blocking of output

When too much wet material is put into the input, it is possible that the output jams.

To empty the output tube, follow these steps:

Put the on/off switch in the "off" position. Disassemble the output tube from the machine and remove all the material inside the output tube. Remove all the material on top of the rotor. Also remove the material inside the rotor to prevent the machine from blocking during start up.

 Use a branch or a tool to remove the woodchips between the blades. Never use your hands. Be careful! The blades are very sharp and can cause serious injuries. Assemble the output as explained in chapter 4.2.2.

#### 6.9 Moving the machine

The machine is equipped with a bumper. Put the machine in a van or on a trailer. Make sure the bumper is touching a vertical flat surface. Now use straps to tie down the machine. Use the chassis to attach the straps to the machine. Check that the machine can't move. Never use the input or output tube to strap the machine down.



## 7. Maintenance

Before you start any maintenance activities, always take following precautions:

- Stop the engine and let the engine cool down.
- Remove the starter plug cap.
- If the machine is equipped with an electrical start system, remove the key from the contact and disconnect the battery.



The GTS1000MZ consists out of parts with a weight over 20kg. Never lift these parts alone. Ask someone to help you lifting these parts.

- Rotor housing +/- 20kg
- Engine +/- 20kg

### 7.1. Cleaning



Do not clean the machine with high pressure water.

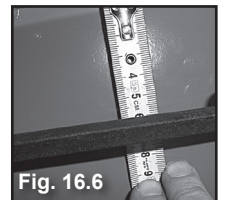
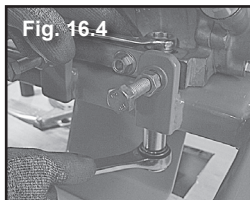
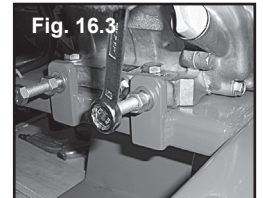
### 7.2. Verification of the emergency stop button

Start the machine as described earlier. Do not put any material in the input (hopper). Push on the emergency button. The machine should stop. Release the emergency button as described in chapter 6.5. It is now possible to start the machine again. Execute this check before each use.

### 7.3. Replacing and adjusting the belts

The belts only need to be replaced when they are worn or damaged. Inspect the belts at least 2 times a year.

Unscrew the bolts of the cover of the belt housing (Fig 16.1). Remove the cover from the belt housing (Fig 16.2). Unscrew the bolts fixed horizontally to the engine. (Fig. 16.3). Loosen slightly the bolts that fix the engine on the chassis (Fig 16.4). Move the engine block in the direction of the rotor. Now the old belts can be removed and the new ones can be fitted.



*Note that once the belts are removed, it is easy to check the distance between blades and counterblade, because the rotor can turn freely.*

Tension the belts by moving the engine block away from the rotor and, once the correct belt tension is found, block the engine position by screwing tight the 4 bolts to the chassis.

Once you have got the right tension, check that the pulleys are aligned. You can check this by holding a bar against the pulleys (Fig 16.5). You have reached the right tension when the belt can be pulled down  $\pm 6\text{cm}$  / 2.5 inches (Fig 16.6).

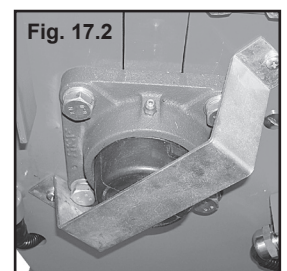
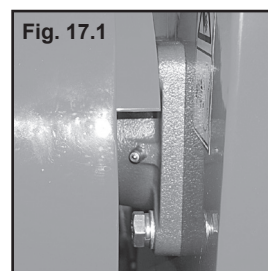
When new belts are fitted the distance between pulley spindles should be  $\pm 730\text{ mm}$ . Check again after tensioning the belts that the pulleys are aligned. Check that all bolts are tightened properly. Put the cover for the belt housing back in place and mount the hopper and output chute.

After changing the belts, let the machine run for 5 minutes without load. While running without load, check the machine for loose bolts, unusual noises or vibrations. Now the machine is ready for use.

### 7.4. Greasing the bearinghousing

There are 2 grease nipples on the machine, on both sides of the rotorhouse, on the bearing housings (Fig. 17.1 and Fig. 17.2). Slide a grease pump over the nipple and fill the bearinghousing with universal grease.

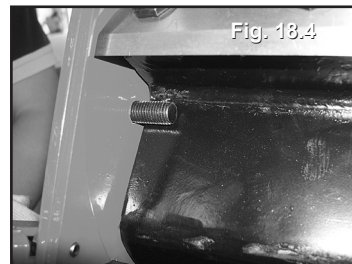
REMARK: if you have problems reaching the grease nipple on the side of the belt cover, just loosen the bolt that holds the belt cover attached to the rotor housing. Now you can pull a little on the belt cover and now you should be able to fit the grease pump over the nipple. Don't forget to put the bolt back! Grease the bearing housings at least once a year, using universal grease.



## 7.5. Replacing the blades

The blades are blunt when the material isn't pulled into the machine anymore. The blades should be turned, grinded or replaced. The blades are sharp on both sides, so you can turn the blades around and use the other side of the blade. When this side becomes blunt, a new pair needs to be installed or the blades can be sharpened.

To replace the blades, follow the steps below:

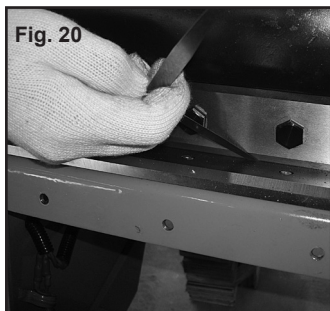
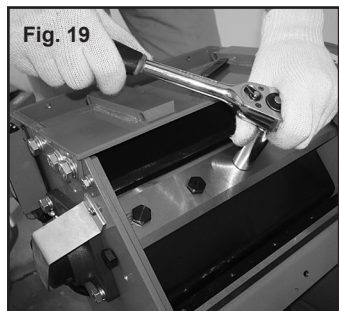


- Stop engine.
- Turn the engine switch to the "off" position.
- Remove the hopper and output chute.
- Pull the starter rope until you can see the blades trough the input port on the rotorhousing.
- Unscrew the threaded plug M12 on the rotor house, using a screw driver (Fig. 18.1 and 18.2). Insert the rotor locking bolt M12x50 until you feel it's passing under the blade support block (Fig. 18.3). Screw the bolt further in until the bolt head is touching the rotor house (Fig. 18.4).
- Now the rotor is blocked, it is safe to remove the blade bolts and the blade.
- Unblock the rotor by removing the rotor locking bolt.



Always use gloves when handling the blades.

- Now repeat these steps to remove the second blade.
- In case of turning the blades, clean the blade thoroughly. No dirt should be on the bottom or top side of the blade.
- Clean the surface of the rotor where the blades should be mounted. These surfaces must be spotless.
- Before mounting the blades on the rotor, inspect the blades for damages. Never install damaged blades. In case of damaged blades and/or doubt, contact your service dealer.
- Before putting the bolts back, add a little Loctite 243 on the side of the bolt.



- Now the blades can be mounted on the rotor. First tighten the bolts manually, to prevent damaging the thread on the rotor. Then a tool can be used to tighten the bolts. Don't forget to block the rotor before using tools.
- Tighten the bolts with a torque wrench up to 80Nm for the cutting blades (Fig 19).
- After installing the blades, check the gap between the blades and the counter blade (Fig. 20).

The gap should not be smaller than 0.5mm and not bigger than 1.00mm. The best way to check the gap is when the counter blade is in the middle of the grinded surface of the blade.



This adjustment is very critical for the good operation of the machine. If you experience any trouble during this procedure, you could also remove the belts. In this case the rotor can move freely.

When the distance between the blades is not according the above mentioned distances, the counterblade needs to be adjusted. Untighten the bolts from the counterblade, **do not remove the bolts completely**, just untighten them a bit. Adjust the position of the counter blade and check the distance between the blades. When the gap is according to specifications (0.5 - 1.00 mm), tighten the bolts. Check the gap once more. Now put the bolts from the counterblade with a torque wrench up to 50Nm.



Don't forget to put the caps back on the rotor house.



Don't forget to re-install the threaded plug back and to fasten it.

When both sides of the blades are blunt, the blades can be sharpened again.



Always ask an experienced technician to sharpen the blades.



Don't sharpen a damaged blade. Using damaged blades can lead to dangerous situations.



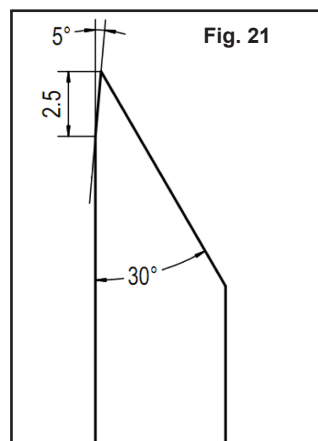
Never use a grinder that doesn't guarantee a straight sharp edge. Make sure that the cutting edge during grinding doesn't become overheated, as this will make the steel soft at the cutting edge.



When grinding, respect the angles shown in figure 21.



When the blades have been sharpened again, and they are mounted onto the machine, make sure the blade bolts don't touch the counterblade. In case of doubt, replace the blade with a new one.



## 7.6. Replacing motor oil

Please consult the engine manual of the engine manufacturer.

## 7.7. Engine maintenance

Please consult the engine manual of the engine manufacturer.

## 8. Technical specifications

Type	GTS1000MZ
Engine	Yamaha MZ300
Starter	Recoil
Displacement	296 cc
Power	10 hp 7,46 kW
Fuel	Unleaded
Fuel tank capacity	5,8 l
Oil sensor	Yes
Max. diameter branches	80 mm
<i>Input:</i>	
Input height	105 cm
Input dimensions	25 x 25 cm
<i>Output:</i>	
Output height	138 cm
Output direction	Side
Deflector	90° adjustable
Emergency stop	Yes
Diameter wheels	40 cm
Wheels	On ball bearings
Blades	2 + 1 counterblade
Dimensions (l x w x h)	125 x 67 x 138 cm
Weight	132 kg
Measured $L_{WA}$	111 dB(A)
Guaranteed $L_{WA}$	115 dB(A)

## 9. Trouble shooting table

Problem	Cause	Solution
The woodchipper does not perform properly: the wood is not pulled in by the rotor itself. The chips do not have the same size.	<ul style="list-style-type: none"> <li>- The blades are worn too much.</li> <li>- The diameter of the branches inserted into the machine is too large.</li> <li>- The gap is too big between the fixed blade and the counter blade: the correct gap is between 0.5 mm and 1.00 mm.</li> </ul>	<ul style="list-style-type: none"> <li>- Reverse or sharpen or change the blades (chapter 7.5).</li> <li>- Remove branches thicker than 8.5 cm.</li> <li>- Adjust the gap between fixed blade and counter blade: the correct gap is between 0.5 mm and 1.00 mm (see chapter 7.5).</li> </ul>
The engine does not start/ the engine shuts off by itself.	<ul style="list-style-type: none"> <li>- Electrical problem with the engine.</li> <li>- No fuel.</li> <li>- No or not enough oil in the engine (the oil should be level with the threads of the filler hole).</li> </ul>	<ul style="list-style-type: none"> <li>- Check that the start-switch on the engine is on "on" or "1".</li> <li>- Check if the emergency switch is de-activated.</li> <li>- Check oil and fuel levels.</li> </ul> <p>If necessary: contact your dealer.</p>
The machine jams during use. The engine will not start/turn because the rotor is jammed.	<ul style="list-style-type: none"> <li>- The diameter of the branch is too big.</li> <li>- There are unacceptable materials such as stones or metal in the input tube.</li> </ul>	<p>Shut off the engine and remove the key from the start switch. Remove the cap from the rotor-axle. Turn the rotor a few degrees counter-clockwise by means of the de-blocking tool. Block the rotor by blocking this tool on the rotor axle behind the wheel axle. Remove material from the input tube by means of a stick or tool and start the machine again. If necessary, change the blades.</p> <p><b>NEVER PUT YOUR HAND INTO THE INPUT TUBE OR ROTOR.</b></p>
The machine does not throw out chips any more. The output tube is jammed.	Too much wet material (leaves, grass, rotten material) has been fed into the machine.	<p>Shut off the engine, remove the spark plug cap. Block the rotor-axle by blocking the special spanner behind the wheel axle. Dismount/remove the output tube. <b>Do not touch the blades, even if you are wearing gloves! There is a high risk of cutting your hands badly.</b> Remove debris with a stick or tool. Mount the output tube again, tighten the screws firmly. Remove the special spanner from the axle. Fit the cap on the rotor axle. Start the engine again.</p>

## 10. Warranty conditions

### 1. Warranty

You are entitled to warranty on factory- and component faults provided that the machine is used as described in the manual. Not included are parts that are subject to wear. For the engine you should apply to the manufacturer in question.

### 2. Terms

For professional use: 6 months.

For private use: 2 years.

### 3. Conditions

The warranty covers the replacement of faulty parts and the corresponding labour, but not the costs of transport. The purchase invoice is also the warranty certificate and so the serial number must be mentioned on the invoice.

### 4. Exceptions

The warranty is invalidated when the operating and maintenance instructions, which are provided with the machine, have not been followed, when an improper use has been made, when not original spare parts have been used or when unqualified repairers have tampered with the machine.

### 5. Where

The qualified After-Sale-Service, for repair under warranty, is available from the dealer from whom you have purchased the machine. Ask for an invoice marked "Warranty Repair" for the repair.

## 12. EC - Declaration of conformity

### Declaration according to Annex II.1.A of the Machinery Directive 2006/42/EC

This language version of the declaration is verified by the manufacturer (original declaration).

We:

Business name : **Technische Handelmaatschappij J. De Wild B.V.**  
Address : **De Meeten 54, 4706 NH ROOSENDAAL**  
Country : **NEDERLAND**

Declare for the product described below:

Generic denomination : **Woodchipper**  
Commercial name : **GTS1000MZ**  
Type : **GTS1000MZ**  
Serialno. : \_\_\_\_\_  
Year : **2016**  
Function : **Woodchipper GTS1000MZ designed to shred fresh wood.**  
Max. average diameter branches: 80 mm.  
Power : **Yamaha MZ300BARAO, 10 hp / 3600 rpm.**  
Weight : **132 kg.**

That all the relevant provisions of the Machinery Directive are fulfilled.  
That the product also complies with the following European Directives:

- **2006/42/EC** Machine Directive  
- **2004/108/EC** Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC  
- **2000/14/EC** Directive 2000/14/EC of the European Parliament and of the Council of 8 May 2000 on the approximation of the laws of the Member States relating to the noise emission in the environment by equipment for use outdoors

That the following harmonized standards have been used:

- **EN 12100** Safety of Machinery  
- **EN 13683+A2** Garden Equipment (except part 5.2.2, 5.2.3.1)  
- **EN 13525** Forestry Machinery (only part 4.3.4, 4.5.1)  
- **EN 11201** Acoustics – Noise emitted by Machinery and Equipment  
- **EN 3744** Acoustics – Determination of sound power levels of noise sources  
- **EN 55012** Vehicles – Boats and internal combustion engines – Radio disturbance Characteristics

The conformity assessment was carried out by:

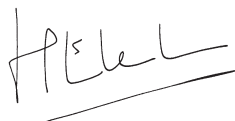
Business name : **STÁTNÍ ZKUŠEBNA ZEMĚDĚLSKÝCH POTRAVINÁŘSKÝCH A LESNICKÝCH STROJŮ A.S.**  
Address : **Třanovského 622/11, 163 04 PRAHA 6, CZECH REPUBLIC**  
Notified Body number : **1016**  
Examination number : **35-365**

Measured Sound Power Level  $L_{WA} = 111 \text{ dB(A)}$   
Guaranteed Sound Power Level  $L_{WA} = 115 \text{ dB(A)}$   
Weighted Sound Pressure Level  $L_{pA} = 105 \text{ dB(A)}$

That the following natural or legal person established in the Community is authorized to compile the technical file:

Business name : **Technische Handelmaatschappij J. De Wild B.V.**  
Name and position : **ing. J.K. Elenbaas, CTO Europe**  
Address : **De Meeten 54, 4706 NH ROOSENDAAL**  
Country : **NEDERLAND**

Done at Roosendaal, 13 June 2016.



Ing. J.K. Elenbaas  
CTO Europe







[www.vilagrancha.com](http://www.vilagrancha.com)