User Manual and Spare Parts Catalogue

TP 100 MOBILE

DESIGNED
+
MANUFACTURED
DENMARK

RELIABLE CHIPPING



Introduction

Congratulations on your new TP wood chipper.

Linddana produces TP wood chippers of the finest quality by using the most modern production technologies, such as laser cutting, CNC technology and robot technology in bright and open production facilities.

For safety reasons and in order to get the maximum benefit from your wood chipper, it is important that you read the user manual before use.

Originally written in Danish, the user manual provides an explanation of safety, use and maintenance, to ensure working with the wood chipper will be safe and profitable.

Linddana A/S



Hans Anker Holm, CEO

Your local dealer is always available with spare parts, advice and guidance.

Dealer stamp

Applies to Denmark (for all other countries contact the local TP dealer):
Linddana provides a knife sharpening service, so your knives can be sharpened and sent back on the same day as they are received (for more details tel.: 76904045)

To keep your wood chipper in top condition and prolong its lifetime, Linddana offers a service contract, under which the wood chipper will be checked once a year by our technician, ideally in collaboration with the user. In addition to a technical check, the user will be given advice on the use and maintenance of the wood chipper.

1 EU Declaration on Conformity



Manufacturer:

LINDDANA A/S, Ølholm Bygade 70, Ølholm, 7160 Tørring, Denmark
hereby declares that

Wood chipper:

_____

is in conformity with the requirements of the Machinery Directive (Directive 06/42/EC) and with the national legislation which translates this directive;

It is also in conformity with EC Directive
2000/14/EC

Furthermore it is stated that
EN 13525 (harmonised standard), has been applied.

Title: CEO
Name: Hans Anker Holm



Ølholm, 22. November 2023

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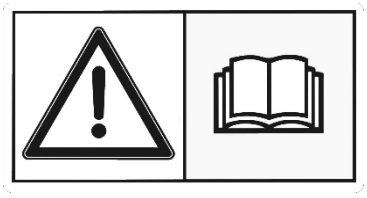
3 Use and safety

This TP wood chipper is specially designed as a stationary wood chipper, which chips wood in the form of branches, bushes and waste wood from windbreaks, parks, roadside trees, etc.

Any modification to the design of the machine is strictly prohibited. In the event that modifications are made, Linddana A/S disclaims all liability.

3.1 Mandatory Instructions and Warnings

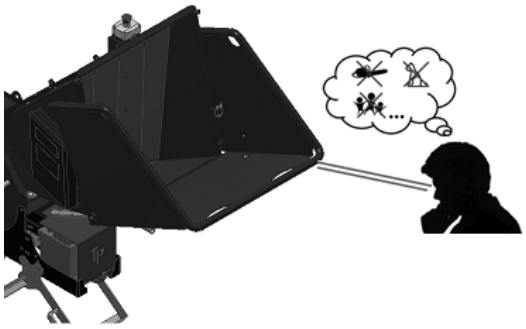
3.1.1 Before use



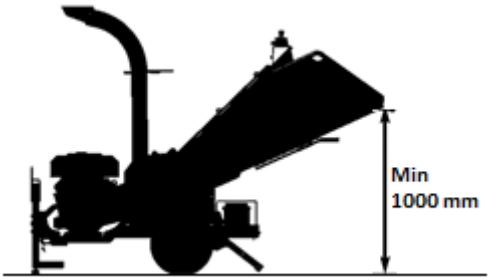
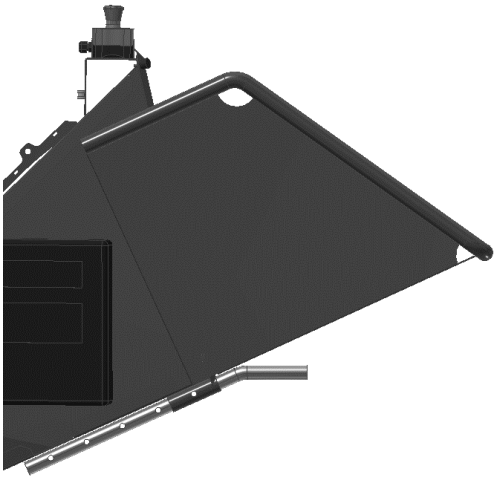
ALWAYS read the user manual before using the wood chipper.
Remember to store the user manual in the manual box.



ALWAYS wear ear defenders, safety goggles, close-fitting safety clothing, gloves and safety shoes.



ALWAYS ensure that the funnel is free of people, animals and other foreign bodies before starting the wood chipper.

	ALWAYS ensure that all of the guards are securely closed/fitted before starting the wood chipper.
	ALWAYS ensure that the wood chipper is safely parked before starting the wood chipper.
	 **ALWAYS** ensure that there is more than 1000 mm of clearance between the ground and the wood chipper's lowest funnel edge and that it stands on a level surface.
	 **ALWAYS** ensure that all safety devices function correctly before starting the wood chipper. This applies in particular to the safety bar's EMERGENCY STOP function.
	ALWAYS check the ground conditions around the wood chipper. Falling down in the vicinity of the wood chipper can be hazardous.
	ALWAYS use the wood chipper outdoors.





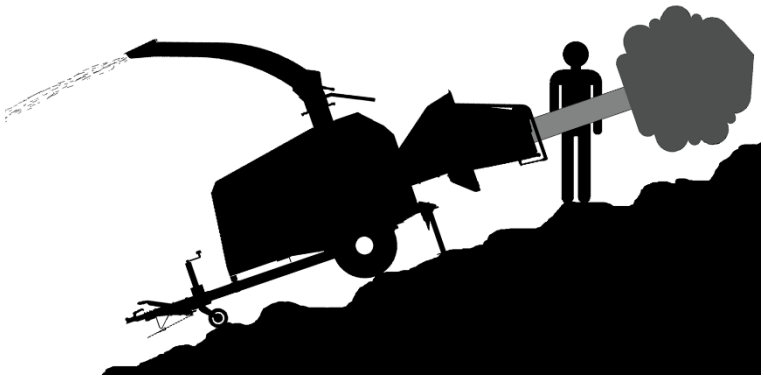
NEVER allow anyone under 18 years of age to operate the wood chipper (however, anyone who is 16 years old and over may do so under the supervision of an adult).





NEVER operate the wood chipper if under the influence of alcohol or narcotic substances.





NEVER operate a wood chipper on uneven or inclined surfaces.



NEVER start the wood chipper without the ejector spout fitted.



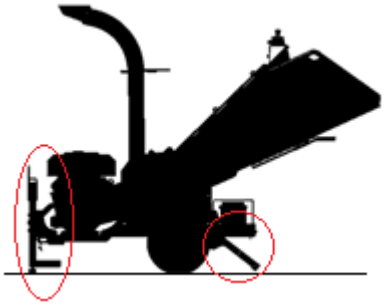
NEVER use the wood chipper in enclosed or poorly ventilated spaces, because of the danger of carbon monoxide poisoning.



NEVER remove shielding in front of drive belts while operating.



NEVER point the ejector spout in the same direction as people or at an area that people move around in.
A safe distance of 20 m must be maintained in the direction of where the woodchips are ejected.



NEVER operate or park the wood chipper if it is not supported by the support wheels and support leg or from the vehicle's trailer hitch.

NEVER use the wood chipper with non-wooden materials, or objects that are longer than 1200 mm.

NEVER use the wood chipper to push trees, stumps, etc.

NEVER transport equipment in the funnel, such as forest chains, axes, chainsaws, etc.

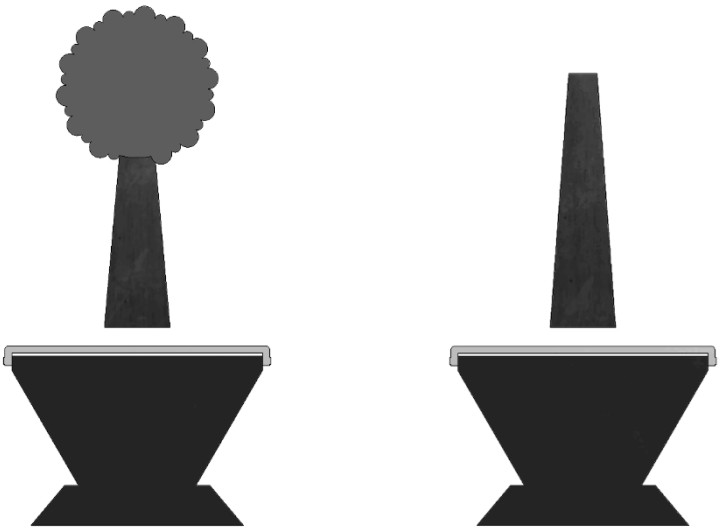
NEVER climb onto the wood chipper.

3.1.2 During operation

	ALWAYS stop the machine or press the EMERGENCY STOP button if a dangerous situation arises (see chapter 8).
	ALWAYS keep body parts away from the funnel and the wood chipper's other moving parts.
	 **ALWAYS** stand at the side of the funnel when the wood chipper is chipping trees with side branches.
	 **ALWAYS** push logs in from the rear of the log.

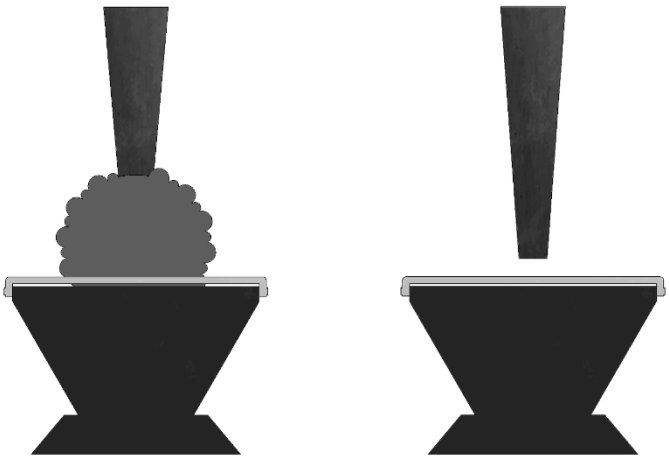


ALWAYS use a rod to push short pieces of tree into the wood chipper.



ALWAYS feed the wood chipper with the thick end of the log first.

ALWAYS feed the wood chipper so that the tree crown points away from the funnel.



NEVER feed the tree crown into the wood chipper first.

NEVER feed the wood chipper with the thin end of the log first.

NEVER attempt to remove any trapped material before the wood chipper has stopped.



NEVER reach into or down in the funnel to push wood into the rollers.

NEVER open or remove the guard while the wood chipper is operating.

NEVER clean the wood chipper with anything other than a brush and running water. The wood chipper must not be in operation during cleaning.

3.1.3 Transport and parking

	**ALWAYS** comply with local public authority regulations when transporting the wood chipper on public roads.
	**ALWAYS** keep the ejector spout within the width of the machine during transport. Remember to ensure that the ejector spout is securely fastened.
	**ALWAYS** place the foldable funnel in the transport position during transport (the funnel must be folded up and locked using the pin).
	**ALWAYS** park the wood chipper on a level surface.
	**ALWAYS** transport the wood chipper on a trailer or equivalent that satisfies legal requirements when on public roads.

	**NEVER** park the wood chipper on inclined or uneven surfaces.
	**NEVER** drive the wood chipper on public roads. The wood chipper is not registered for use on public roads.

3.1.4 Service and repairs





ALWAYS ensure the disc has stopped moving before carrying out service or repairs.



ALWAYS ensure, after service or repair, that all of wood chipper bolts are fitted and tightened securely and that all of the safety devices are fitted and function properly.

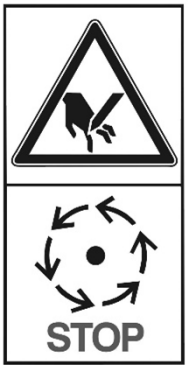


ALWAYS ensure that the knives and counterknives are kept sharp. This results in smoother in-feed, higher woodchip quality and less fuel consumption.



NEVER carry out service or repairs on the wood chipper while the disc engine is running.





NEVER remove or open the guards before the disc has stopped moving.

3.2 Pictograms used

<table>
<tr>
<td>

Warning: Ejected objects!

Warning: Safety distance of 20m!</td>
<td>

Warning: Rotating knives!

Warning: Wait for disc to stop!</td>
<td>

Warning: Read the instruction manual before use</td>
</tr>
<tr>
<td>

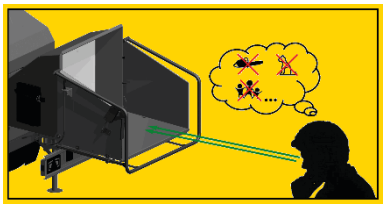
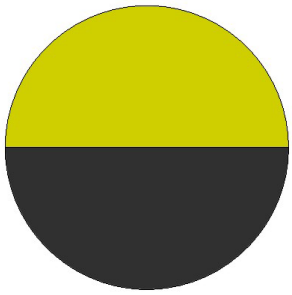
Warning: Risk of being pulled in!
Warning: rotating belts!



Warning: Hot surface!</td>
<td>

Warning: Risk of limb amputation!
Warning: Risk of being pulled in!
Warning: Do not step on the funnel!
Warning: Do not touch the funnel!
Warning: Do not crawl into the funnel!</td>
<td>

Warning: Remove the ignition key and read the user manual before service or repairs.</td>
</tr>
</table>

 **Warning:** Ensure that the funnel is free of people, animals and other foreign bodies.	 **Warning:** Ensure that the drum is at a complete standstill.	 **Warning:** Check the emergency stop function before commissioning the machine.
 Ear and eye protection mandatory!	 Lifting point for crane!	

For safety information and pictograms relating to the engine, see the engine manual, which is available from the manufacturer.

4 Noise level

The sound output level and the sound pressure level for every wood chipper has been measured during use with the disc at nominal rpm, powered by the engine. For specific rpm values and engine types (see technical data wood chipper in chapter 13).

The measurements have been conducted in accordance with testing provisions
Directive 2000/14/EC, 3 July 2000
EN ISO 3744, 1995
ISO 11201, 1995
ISO 4871, 19 March 1997
EN 13525, 17 February 2005

The guaranteed sound output level which must be stated by the manufacturer in accordance with Directive 2000/14/EC is as follows:

TP 100 MOBILE: **128 dB (A) relative to 1 pW**

The wood chipper's sound pressure level at the operator's position is measured in accordance with ISO 11201 and measured as:

TP 100 MOBILE: **120 dB (A)**

The values stated above are subject to the common uncertainty of the measuring method and the estimated variation in a product series for the type of machine. Detailed information about the measurements and results and estimation of uncertainty are found in a detailed report which can be supplied on request.

As a result of the actual sound levels, the wearing of ear protectors is mandatory when using the wood chipper.

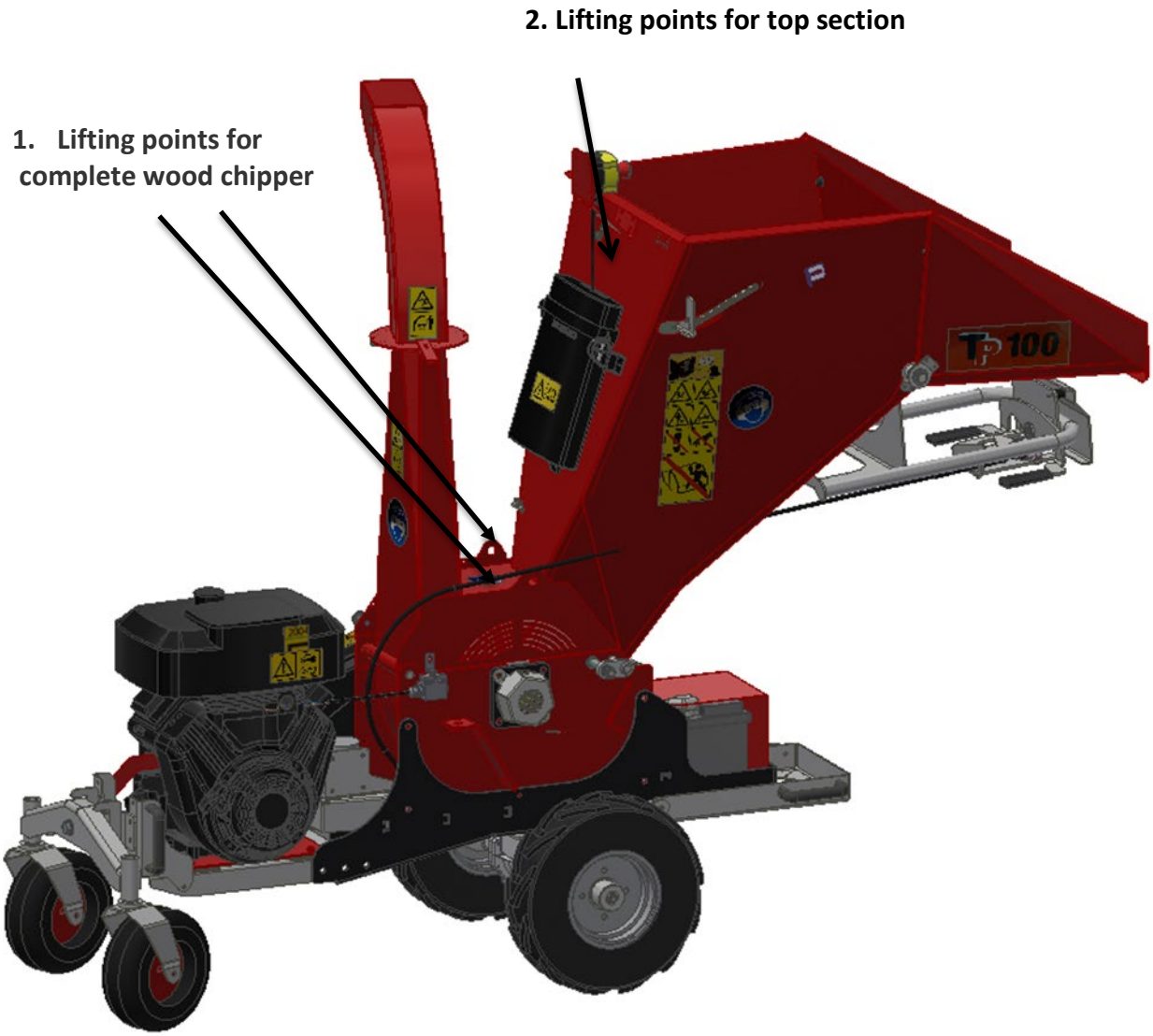
4.1 Environmental instructions

When changing battery and engine oil, the battery, oil and used oil filters and air filters must be disposed of responsibly at an approved waste disposal station.

Oil spillage must be avoided as far as possible. Should oil spillage occur, the spilled oil must be cleaned up and disposed of at an approved waste disposal station.

Worn out parts must be disposed of for recycling.
When the wood chipper is worn out it must be disposed of responsibly. Engine oil must be drained and disposed of along with oil filters and air filters at an approved waste disposal station.
The rest of the wood chipper must be disposed of at an approved recycling centre.

5 Handling


2. Lifting points for top section
1. Lifting points for complete wood chipper
TP 100

The wood chipper is equipped with two lifting points (1), which must be used whenever it is lifted by a crane or other lifting gear (with hooks). (see illustration above).
When replacing the drum, the top section can be lifted off. Use lifting point (2)



When lifting, the ejector spout must be in position above the wood chipper. (See illustration above).

6 Before start-up

6.1 Check the wood chipper before start-up.

Chipping unit

1. Open the disc housing, as described later in this chapter.
2. Ensure that the wood chipper is free of any foreign bodies by turning the drum a few times by hand. Remove any foreign bodies.
3. Check that the knives run clear of the counter knives.
4. Ensure that the distance between the knives and counter knives is correct. The distance is stated in chapter 9.
5. Close the disc housing, as described later in this chapter.

6. Ensure that all of the bolts, nuts and screws are tightened securely.

7. Remember to lubricate all of the lubrication points (see maintenance schedule in chapter 9).

Engine

1. Check the engine's oil level.

2. Check the fuel level.

Tyres

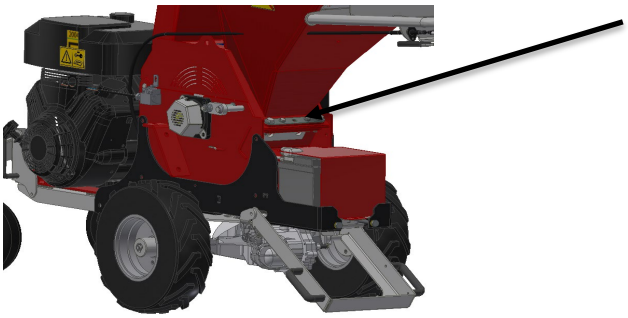
Check tyre pressure, see the maintenance schedule (chapter 9)

6.2 Opening and closing of disc housing

Opening the disc housing

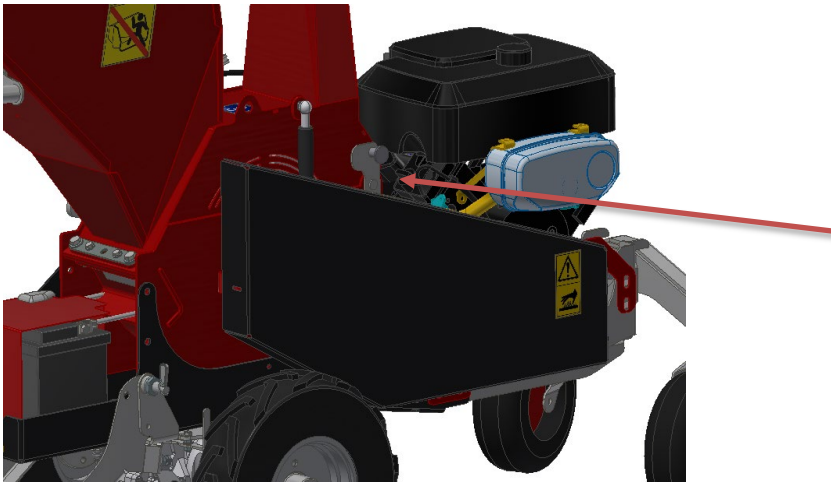
1. Check that the wood chipper is turned off and that the drum is motionless.
   You can check that the drum is motionless by checking the yellow/black indicator on the end of the axle.

2. Loosen the M12 bolts that hold the upper and lower disc housing together. (See illustration below).



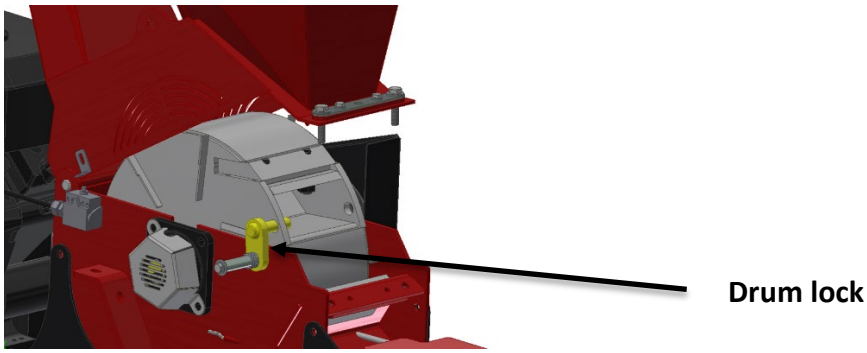
Bolts

3. Open the top section of the disc housing until it meets the stop. The top section has a positioning bolt on one side (see below illustration) that locks when the top section is opened.



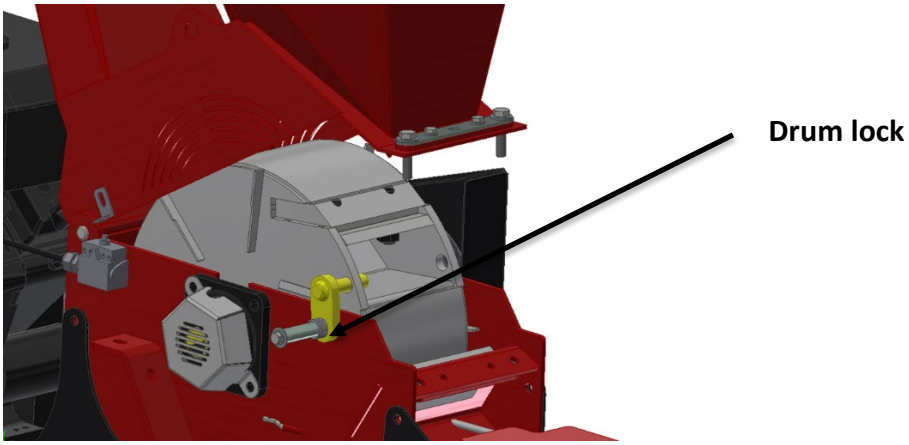
4. Turn the drum until the yellow drum lock can go into one of the holes on the drum. The drum is now locked. Keep fingers away from the knives when the drum is rotating.

   As far as possible, the drum must always be locked when the disc housing is open. (See illustration below).



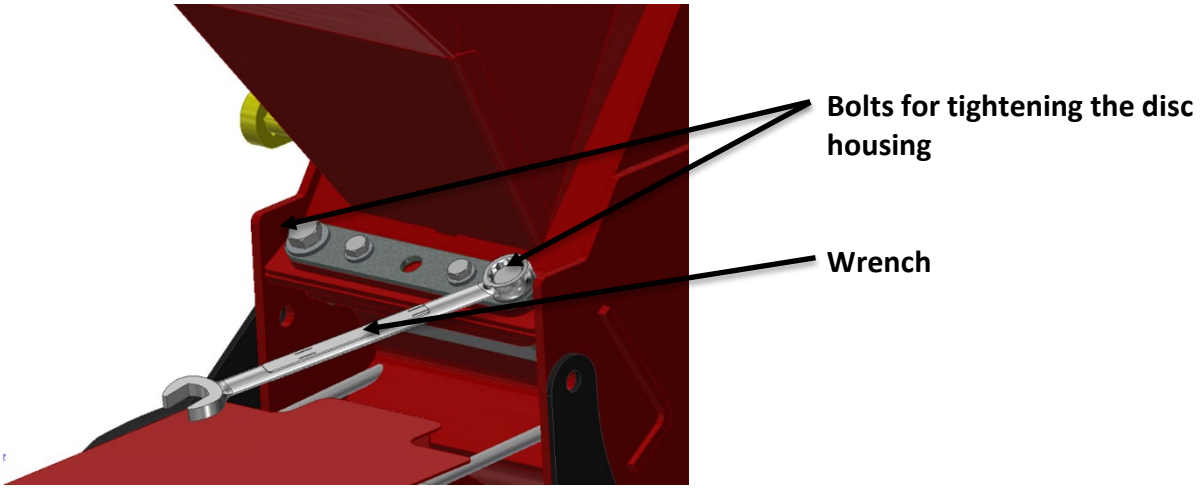
Closing the disc housing

1. Free the yellow drum lock from the drum and turn the drum a few times to make sure that there are no objects in the disc housing. Always keep fingers away from the knives when the drum is rotating. (See illustration below).



2. Release the positioning bolt. Close the top section of the disc housing.

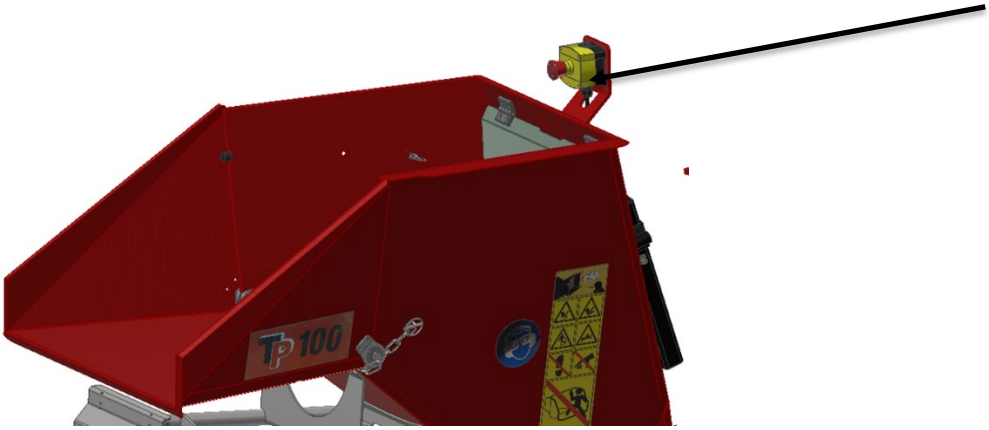
3. Tighten the two M12 bolts, until the top and bottom disc housing sections are joined together safely and securely. (See illustration below).



7 Operating the wood chipper

7.1 EMERGENCY STOP

The emergency stop button is positioned as shown below.

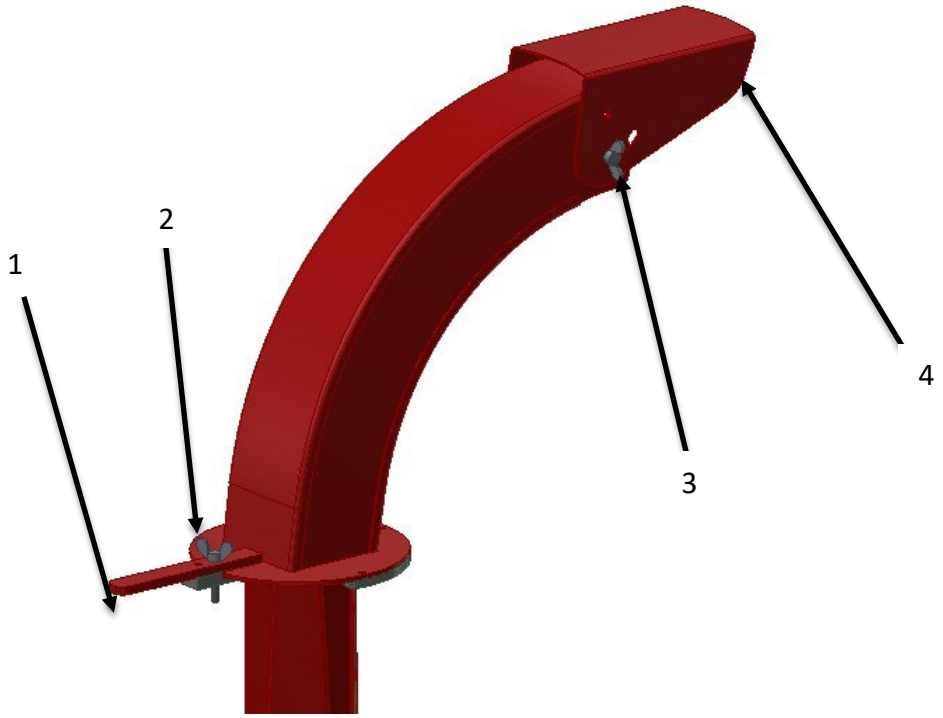


IN CASE OF POTENTIAL HAZARDS: Press **EMERGENCY STOP**



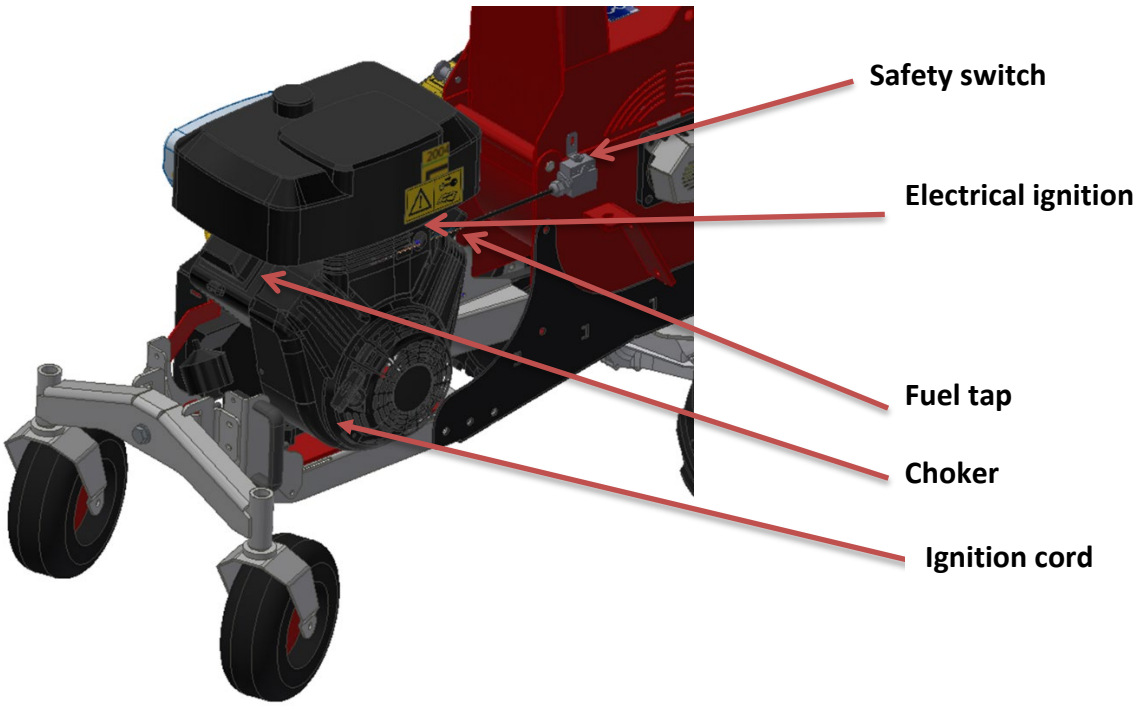
7.2 Fixed ejector spout

The wood chipper is equipped with a fixed ejector spout. To rotate the ejector spout, loosen wingnut (2) and turn the ejector spout using handle (1). It can sometimes be necessary to push gently on the lip (4) to rotate the ejector spout. Once the ejector spout is correctly positioned, retighten the wingnut. (2). The ejector spout is fitted with an adjustable ejector lip which can be used to direct the stream of ejected chips vertically. To vertically adjust the stream of ejected chips, loosen wingnut (3) and the lip (4) can now be tilted up and down. When the required position has been found, retighten wingnut (3).



N.B.
When operating/adjusting the ejector spout, the engine and machine must be shut down and at a standstill. Never operate/adjust the ejector spout when the machine is running.
During transport, the ejector spout must always be within the machine's width profile and wingnuts (2) and (3) must be tightened.

7.3 Start-up and commissioning the wood chipper



Set the engine to the “tortoise” position using the electrical ignition or ignition cord and leave it to stand idling for a couple of minutes.

7.4 Connecting and disconnecting instructions

The wood chipper can be pulled by a vehicle with a trailer mount, as an **inspection-free coupling** including by a garden tractor **that has not been registered as a vehicle**. The wood chipper also functions as a manual mobile unit, that can be moved by hand. To move by hand, tip the wood chipper into the two rear handles and push. The two handles are adjustable. Adjust to ensure that the user is well-balanced and able to move the chipper manually without discomfort.

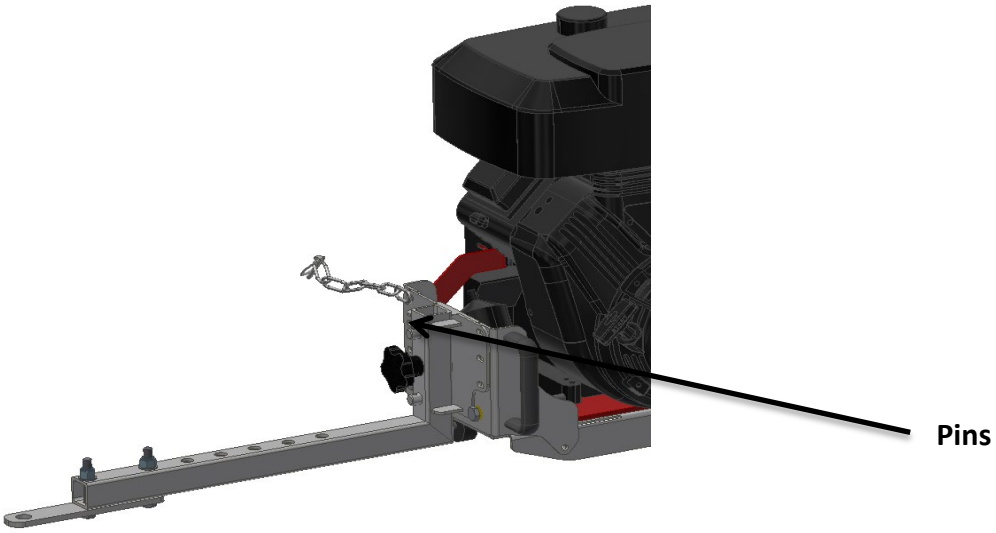
REMEMBER: The wood chipper must always be coupled/uncoupled on a level surface!



1. The rear support leg should be in the central position, as shown on the above picture, so that the wood chipper is able to rest on the support leg during coupling/uncoupling, when the wood chipper is tipped.

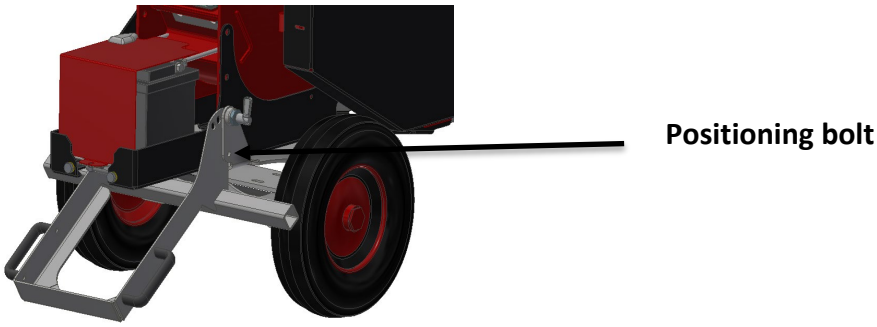
2. Untighten the star grip, remove the pin and turn the coupling as shown in the picture below.

3. Secure by tightening the star grip and inserting the pin.



4. Connect the wood chipper to the vehicle by securing the wood chipper's ball/eye coupling onto the trailer hitch on the vehicle (optional solution).

5. Release the positioning bolt and push up the rear support leg/handbrake and secure, allowing the wheel to rotate unhindered.



Uncoupling the wood chipper from the vehicle

Do as follows to correctly uncouple the wood chipper.

1. Release the support leg positioning bolt and place the support leg in the middle position.
2. Remove the wood chipper's ball coupling or eye coupling from the trailer hitch on the vehicle.
3. Tip the wood chipper until it rests on the support leg.
4. Untighten the star grip, remove the pin and reverse the coupling, so it now functions as a support leg.
5. Secure by tightening the star grip and insert the pin.
6. Release the support leg positioning bolt and fix the support leg in the lower position, allowing it to now function as a brake.

7.5 Foldable funnel

The aim of the foldable funnel is to minimise the total length of the mobile wood chipper during transport and when storing it.

The foldable funnel must always be in the transport position during transportation.

Transport position for vehicles



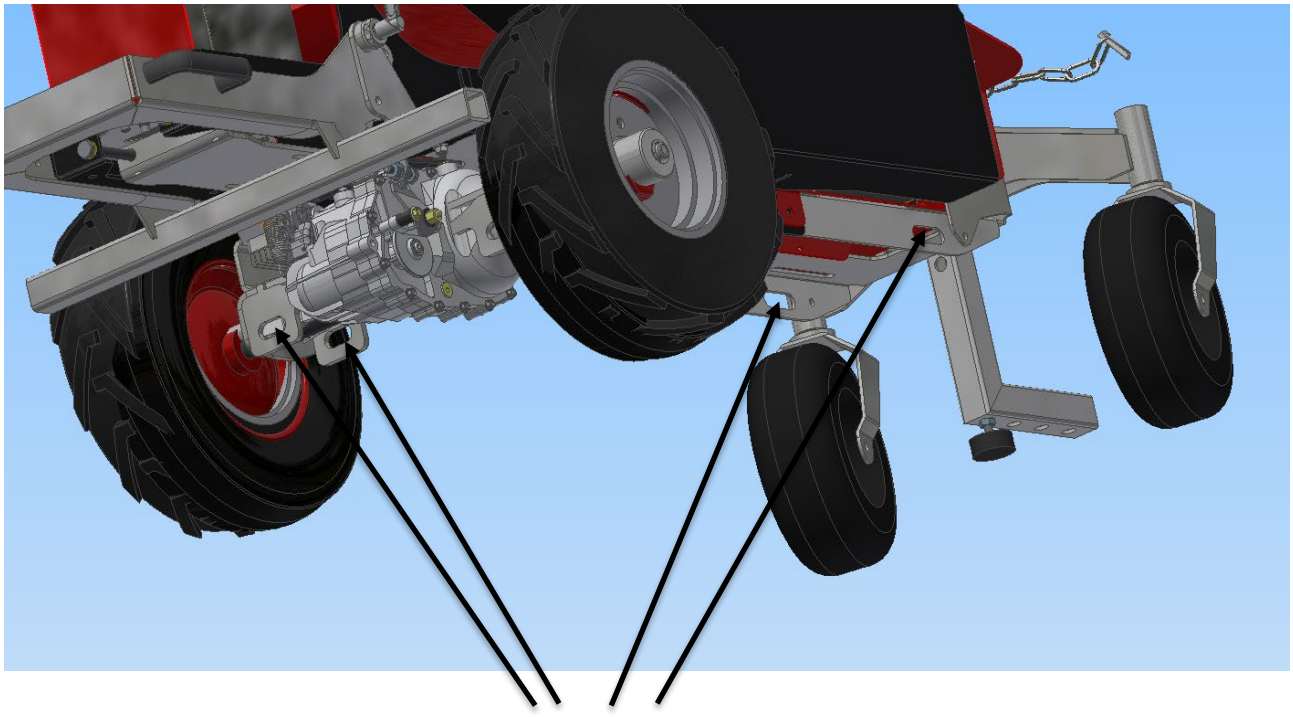
1. Once the funnel is folded up, secure it using the ring pin on the right side.

Transport position for trailer

1. Once the funnel is folded up, secure it using the ring pin on the right side.
2. The support leg should be in the lowest (brake) position.

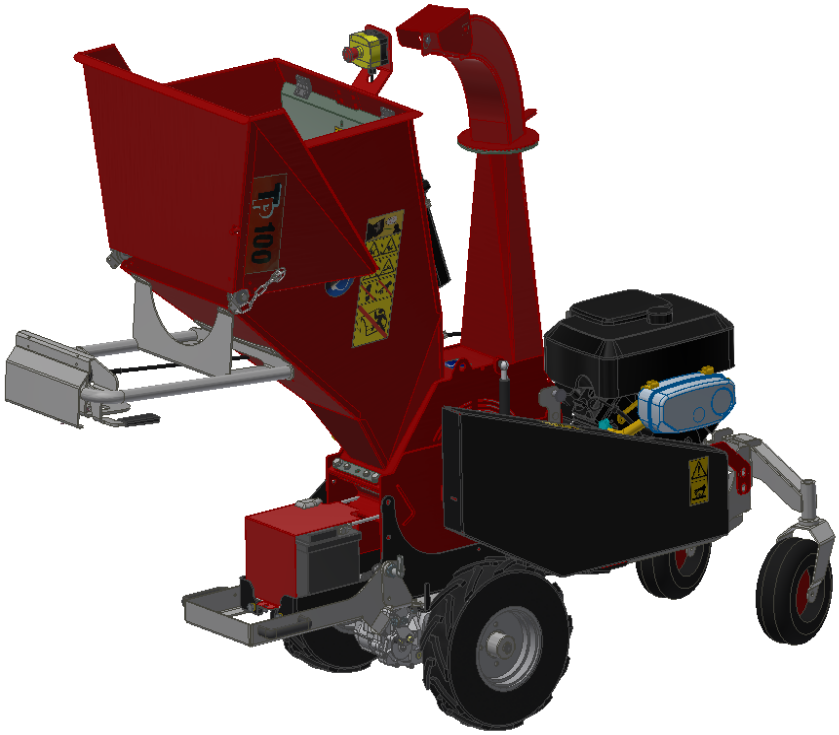


Securing points for transport on trailer



Securing points

Manual transport position



1. Once the funnel is folded up, secure it using the ring pin on the right side.
2. The support leg should be in the upper position.

Storage position without vehicle



1. When placing the wood chipper in storage, both support legs should be down and secured.
2. The ejector spout should be in position above the wood chipper.
3. Fold up the funnel and secure it using the ring pin on the right side.

Storage position with vehicle



1. The ejector spout should be in position above the wood chipper.
2. Fold up the funnel and secure it using the ring pin on the right side.

Operating position



1. Remove the right hand split and fold the funnel down until it rests on the transport handles.

8 Maintenance

The wood chipper must be inspected every day. This includes opening the disc housing and checking the drum, knives and counterknives. This will ensure that unexpected stoppages are avoided and prolong the life of the wood chipper.

For all maintenance and repair work, the wood chipper must be shut down and no longer in motion before opening the drum cover. (see opening and closing of disc housing in chapter 7). In addition, the wood chipper must also be positioned on a level, flat surface when carrying out maintenance and repairs.

8.1 Maintenance schedule for wood chipper

X = for each stated time interval
(X) = Only for the first time
* = or once a week

Interval=> daily/hours	**8* ⌛**	**50 ⌛**	**100 ⌛**	**500⌛**	**1000⌛**
Check knives and counterknives	X				
Tighten all nuts and bolts[1]	(X)	(X)			
Lubricate the main drum bearings[2]			X		
Reverse/replace counterknives[3]				X	X
Check ejector wings for wear and tear				X	
Check casing for wear and tear				X	
Tightening belts[4]		X			

[1]Tighten nuts and bolts, the first time after 8 hours and then at intervals of 50 hours.

[2]Lubricate two lubrication nipples with Uniway EP2 or equivalent lubricant.
After periods of low use, such as a 2-month period when the machine has not been used, the machine will require a complete relubrication before being started.

[3]Counterknives should be replaced/reversed as required, or after every 500 hours of operation.

[4]Remove the cover to access the belts, press the belts in. They should flex 2-3 cm under slight pressure. Tighten if necessary, using the tensioning screws as explained in section 9.10.

8.2 Maintenance schedule for engine (TP 100 MOBILE) Vanguard 18HP Honda GX630 20.8HP

For the correct execution of the maintenance of the engine, refer to the engine manual. The engine manual contains precise instructions for how the engine in your TP wood chipper is best serviced.

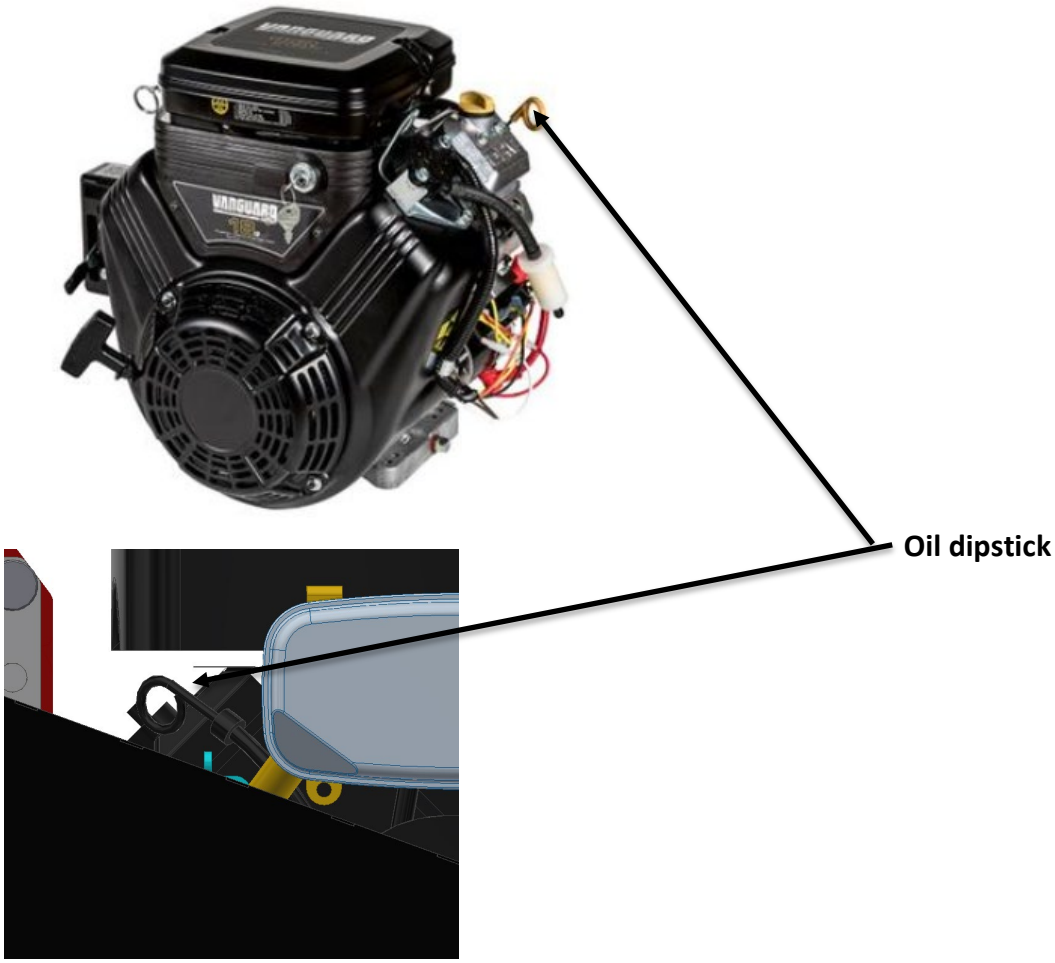
8.3 Engine oil level

Model type	**Engine type**	**Oil type**	**Oil capacity (maximum level)** *With oil filter*
TP 100 MOBILE	Vanguard 18HP	TITAN UNIVERSAL HD 15W-40 See engine manual for ambient temperature	1.4 l (always follow the instructions in the engine manual)
TP 100 MOBILE	Honda GX630	TITAN UNIVERSAL HD 15W-40 See engine manual for ambient temperature	1.7 L (always follow the instructions in the engine manual)

8.4 Air filter inspection (see engine manual)

1. Stop the wood chipper and the engine.
2. See engine manual

8.5 Checking the engine oil level



Only check the engine oil level when the engine is cool or has been stopped and turned off after operation for at least 30 minutes or in idle running.

1. Check that the engine oil level is in the middle section between “MIN” and ”MAX” on the dipstick.

2. If the engine oil level is too low, refill with engine oil. To ensure use of the correct oil quality, see the engine oil table shown earlier in this chapter. When filling with oil, use the same type of oil or an oil with equivalent specifications. Do not mix oils of different types/brands.(see engine manual)

3. To fill, remove the filler cap and fill with engine oil until the level on the dipstick is in the middle section, between “MIN” and MAX”. (see engine manual)

4. Re-fit the dipstick and filler cap (see engine manual)

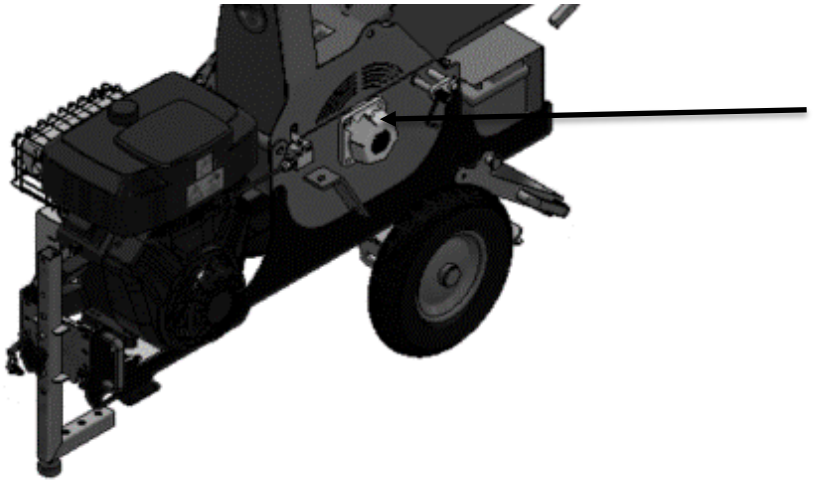
8.6 Check for the presence of water in the fuel (TP 100 MOBILE)

1. Stop the wood chipper engine.
2. Check the engine manual when inspecting for the presence of water in fuel.

8.7 Lubrication

To lubricate the wood chipper bearings:

1. There is free access to grease lubrication via the two lubrication nipples on the main bearings. (See illustrations below). (Note, there are main bearings on both sides. Both require lubrication.)
   To use the correct quality of grease and lubricating oil, see the maintenance schedule for the wood chipper, shown earlier in this chapter.



8.8 Knives

The wood chipper is fitted with two knives.

The knives must always be changed as a set. The knives belong together in sets, also when sharpening, to ensure they are always the same width. If the knives are not of equal width, the disc will be out of balance, which will lead to unnecessary load on the bearings and vibrations in the whole wood chipper.

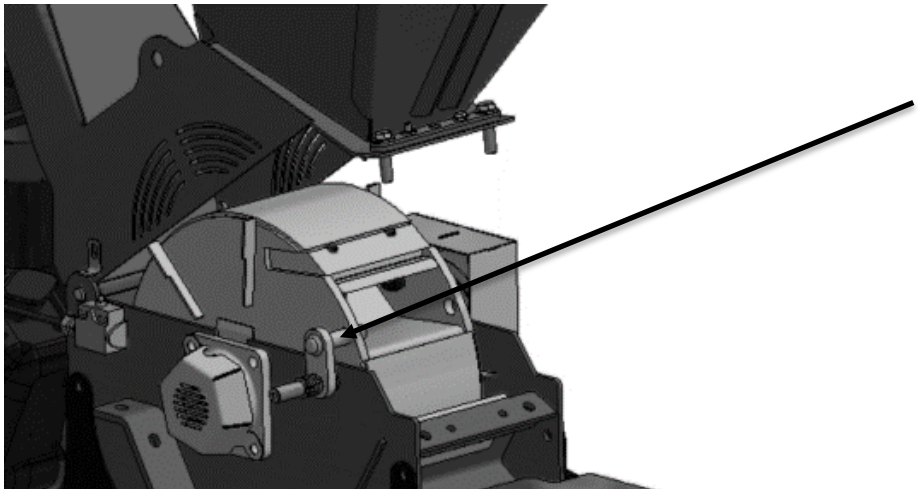
Tension plates can be reversed to achieve maximum knife service life.

The pressure plate has two possible positions: A and B (see figure in counterknives section).

A Side A of the pressure plate faces the counterknife.
For use with new knives and knives that have been sharpened 2-3 times
See Figure.

B Turn the pressure plate 180 degrees. Side B should face the counterknife.
Offset the blade with the centreline of the pressure plate by 3 mm.
Position B must not be used with new knives.
Do not use position B until the smaller 0.5 mm distance
between knives and counterknife can no longer be reached with the pressure plate in pos. A. See Figure.

Replacing knives



1. Open the disc housing as described in chapter 7.
2. Remove the bolts (2) that secure the knives and tension plates to the drum.
3. Remove the knives and sharpen/replace.
4. Carefully clean the knives, tension plates and contact faces.
5. When fitting the knives, the bolts must be lightly oiled (μ = 0.125), i.e. light oil, WD 40 or an equivalent product. Do **not** use copper grease, MoS_2 or similar low friction grease.
6. Check that the distance between the blade edge and the counterblade is set correctly to **D = 0.5 mm**. (as described later in this chapter). Inspect all of the knives.
7. Tighten the bolts to **200 Nm/20 KPm**. Use a torque wrench to do this. (Available as extra equipment).
8. Finally, close the disc housing as described in chapter 7.
9. Always store the knives in the wooden box provided for that purpose (see Figure 1).



Figure 1

Wooden box for blade storage

Sharpening knives

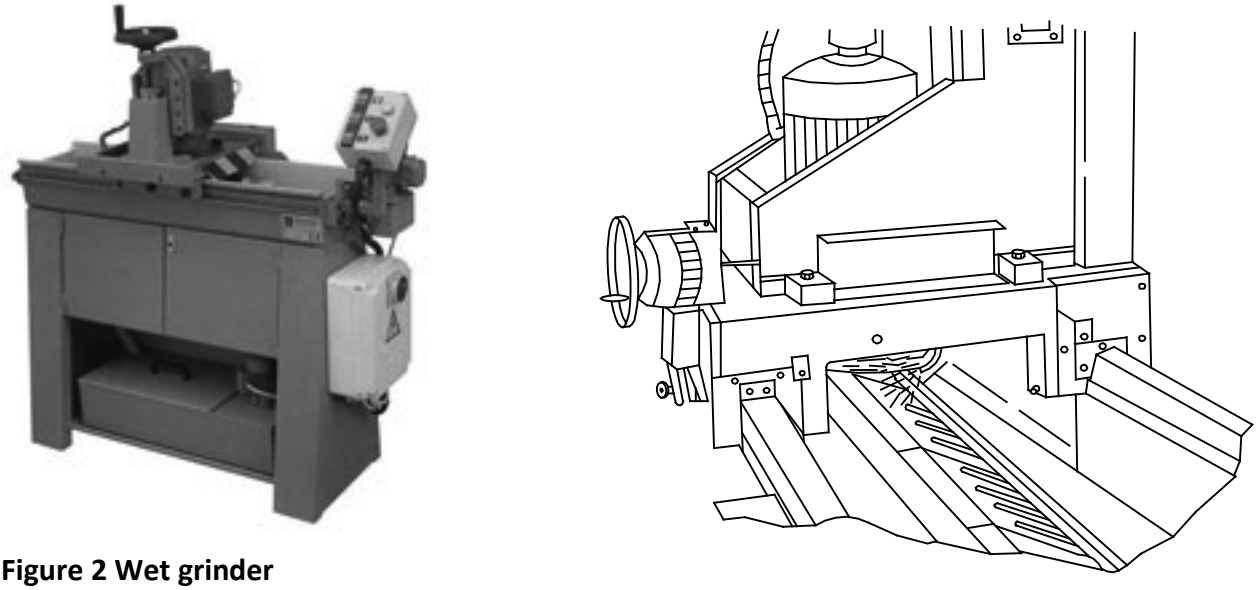


Figure 2 Wet grinder

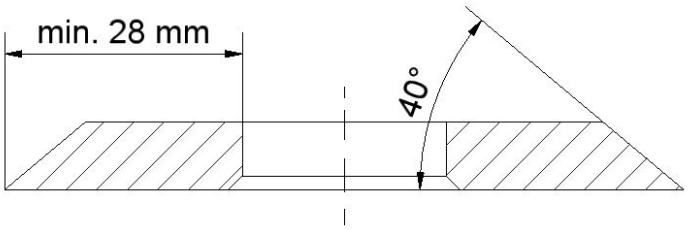


Figure 3 Grinding angle and minimum blade width for the chipping blade

It is very important for woodchip quality that the knives are sharp. They must be checked at least once a day. Blade sharpening intervals can be extended by regularly sharpening with a carborundum stone.

Grinding must be performed as wet grinding with a header (see figure 2). Never use an angle grinder or a similar tool to sharpen knives.

When sharpening knives, ensure that the width of the knives in the set is uniform. Their widths must be identical, to keep the disc in balance. This means that knives must always be sharpened in sets. The knives must not be ground down to a width of less than 28 mm (see figure 3). After that they must be discarded.

The edge of the knives must be ground at an angle of 40° (see figure 3).

8.9 Counterknives

The counterknives in the machine are used by the knives to cut the wood. The counterknives must have a sharp edge otherwise the wood will bend and the cutting face become frayed.

1. Open the disc housing as described in chapter 7.

2. Remove the bolts that hold the counterknives in place.

3. Take out and rotate or replace the counterknives.

4. Carefully clean the counterknives and contact surfaces.

5. Re-fit the counterknives and adjust the distance between the knife edge and the counterknife (to distance **D = 0.5 mm**) using a precision feeler gauge (see illustration below).

6. Required tightening torque for counterknives is:
   200 Nm / 20 KPm.

   Use a torque spanner for this purpose (available as extra equipment).

7. Once the counterknives have been reversed or replaced and all of the bolts have been tightened, close the disc housing as described in the section Closing the disc housing.

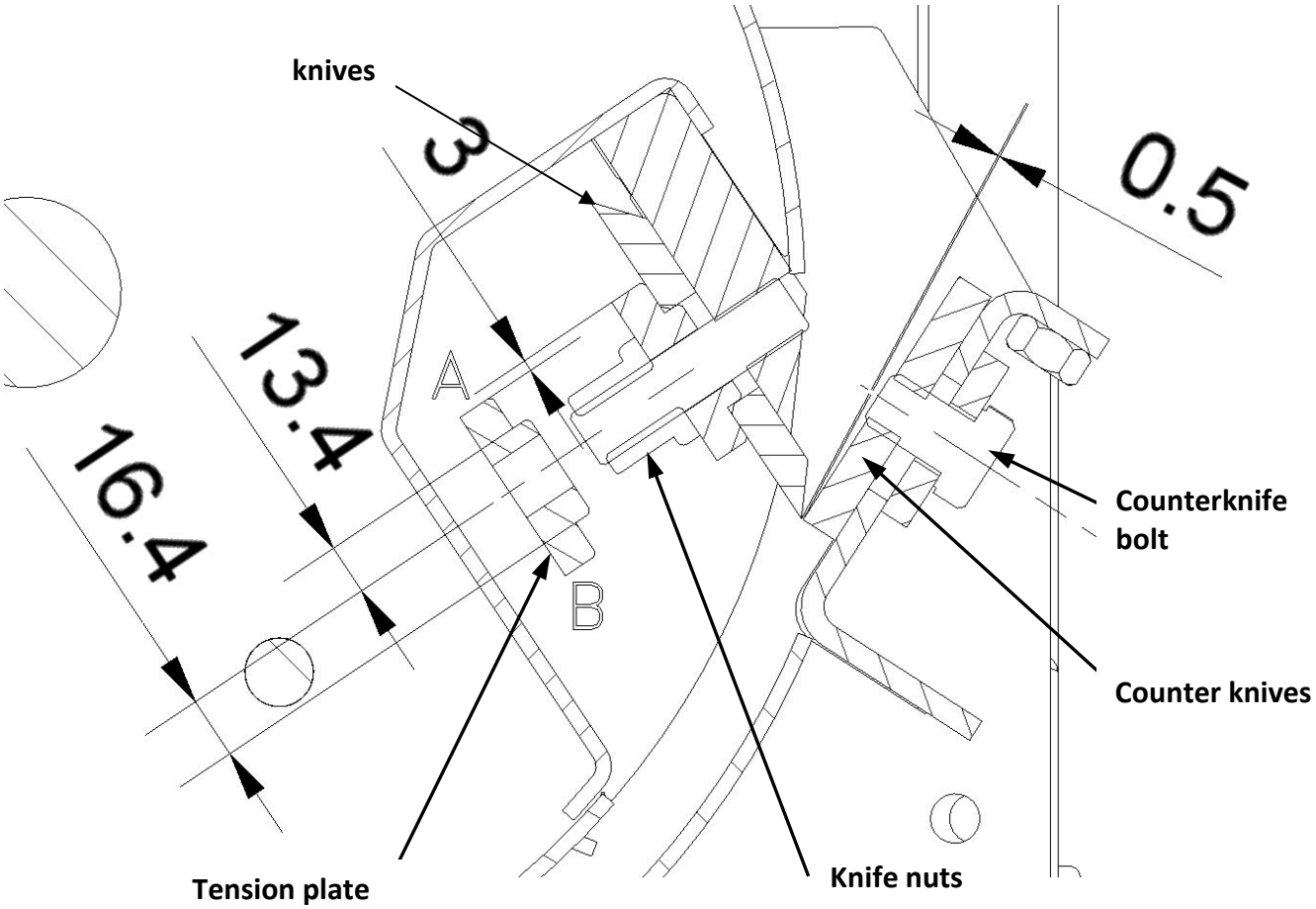


Figure 9 Distance between counterknife and knife

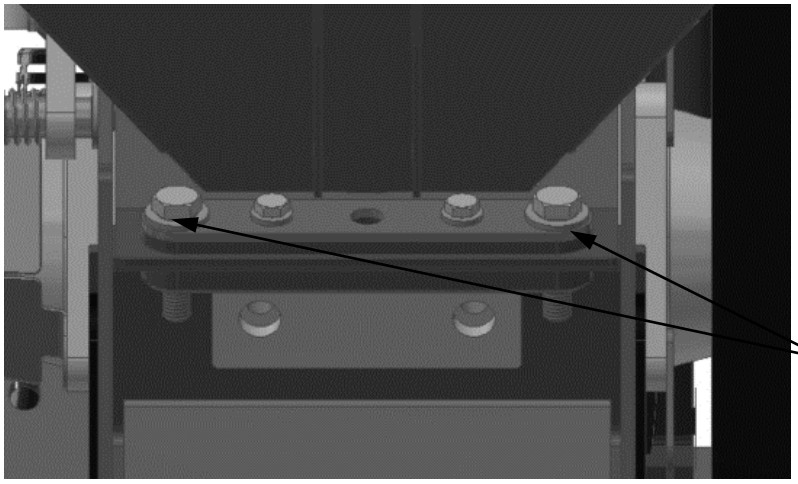


Figure 10 Tightening bolts in disc housing

9 Tightening belts

9.1 Tightening belts on motor

Remove the cover to check if belts are tight.
If the belts are to be tightened - see figures 12 and 13.



Figure 11

1. Remove the cover by loosening the 3 screws

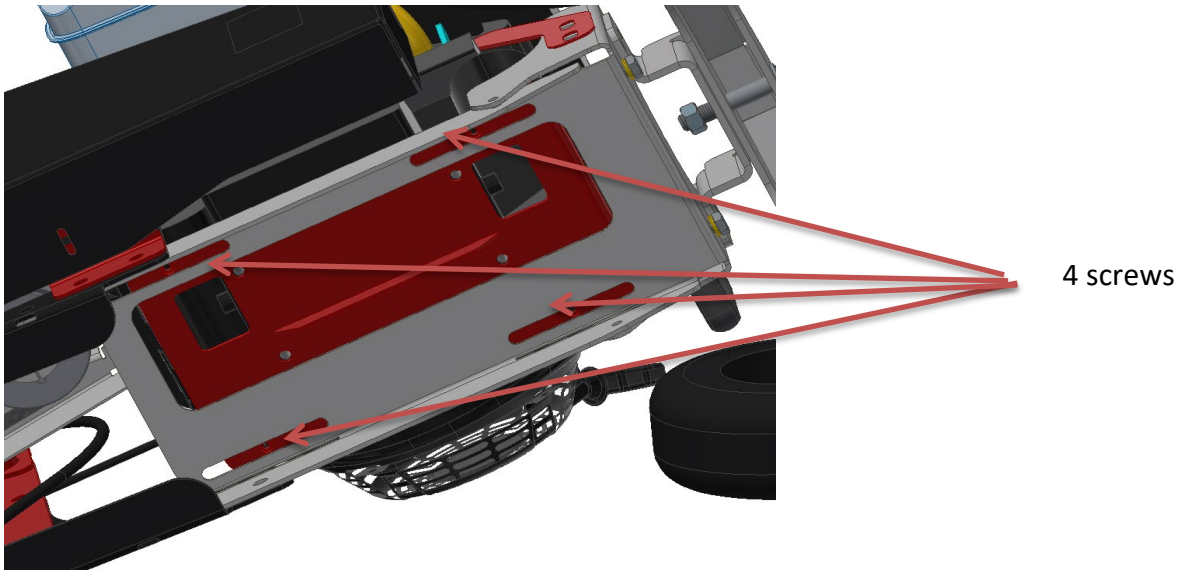


Figure 12

2. Loosen the 4 screws on the base of the wood chipper

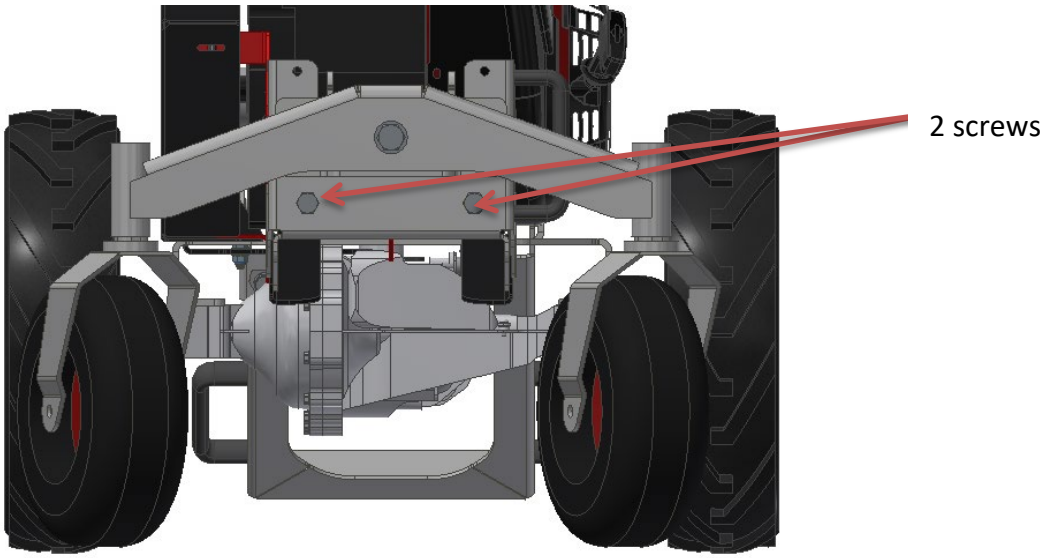


Figure 13

3. Adjust the 2 screws on the front of the wood chipper, depending on whether you need to loosen or tighten the belts.
4. Retighten the 4 screws in the base. See figure 12.
5. Replace the cover and tighten the 3 screws. See figure 11.

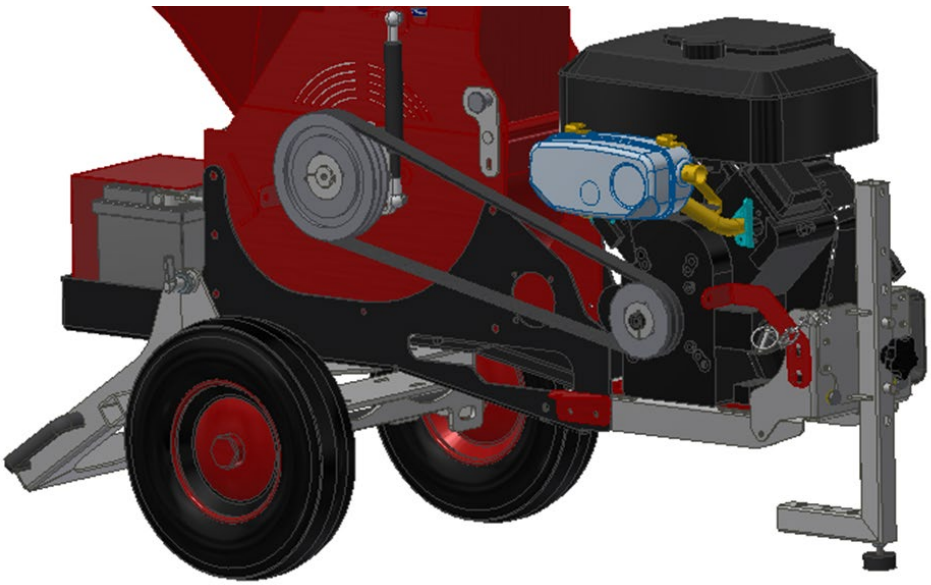


Figure 14 (TP 100 without mover)

9.2 Tightening belts on motor with Mover



Figure 15 (TP 100 with mover)

Tightening belts for motor, follow 9.1.

9.3 Tightening belts on Mover

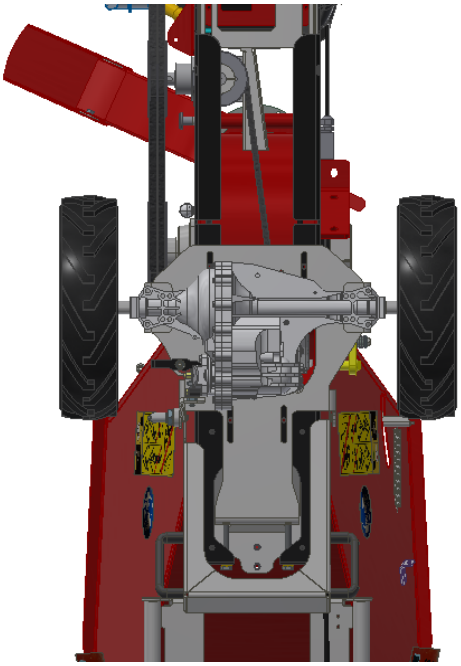


Figure 16

1) Loosen the 4 screws on the base of the wood chipper at rear wheel

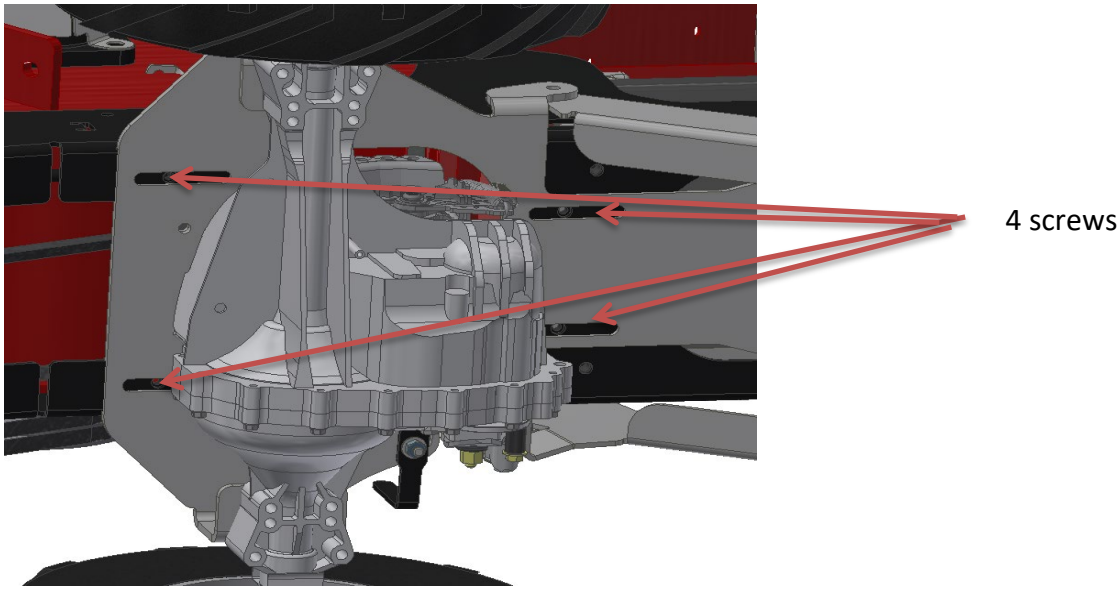


Figure 17

1. Adjust the 2 screws at the back of the wood chipper, depending on whether you need to loosen or tighten the belts. See figure 18

2. Retighten the 4 screws in the base. See figure 17.

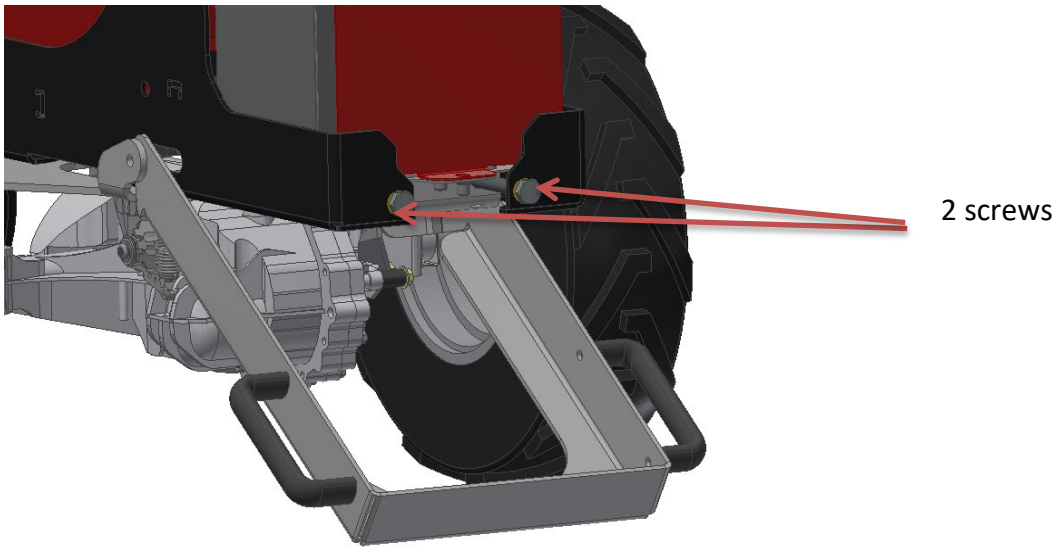


Figure 18

10 Electrical diagram (TP 100 mobile)

The electrical diagram for both the engine and wood chipper is shown here.
The diagrams/cable system are divided into several images, with interfaces where appropriate.

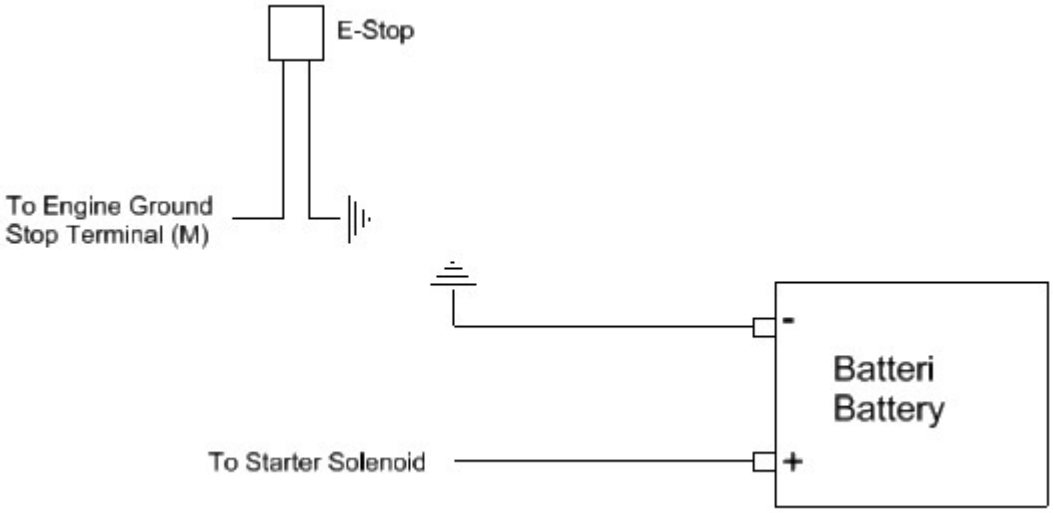
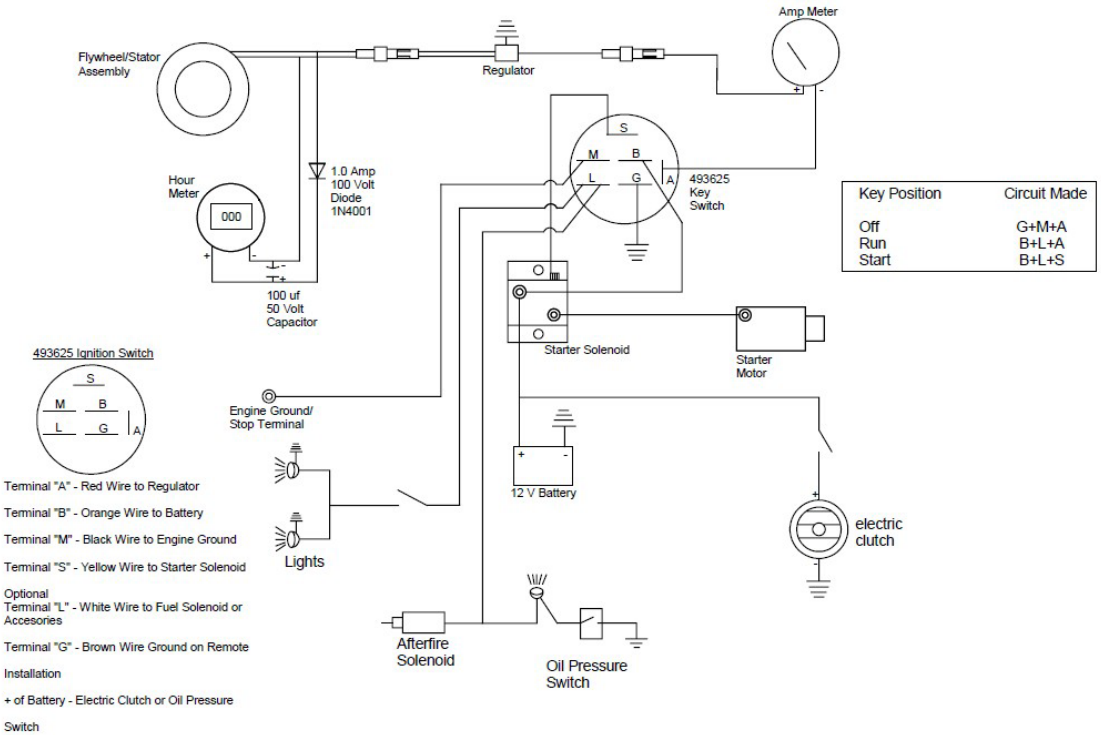


Diagram – Engine



11 Troubleshooting

Check possible causes before contacting the supplier.

Problem/Possible cause	Solution
Unsatisfactory woodchip quality:	
The knives are blunt.	Sharpen the knives.
The counterknives are worn.	Reverse/replace counterknives.
The knives are excessively worn.	Replace the knives.
The distance between knives and counterknives is too great,	Adjust the distance between knives and counterknives.
Functional errors:	
Engine will not start.	Check operating fuel using the fuel tap (see 8.3)
Engine will not start.	Check safety contact, see 8.3.
Engine is running but drum is motionless.	Check belts.
Loose belts.	Tighten belts as described in 9.10.
Worn belts.	Belts need replacing.
Broken belts.	Belts need replacing.
Reduced function	Check belts.

12 Warranty terms wood chipper

Refer to the delivered warranty certificate.

The warranty is valid for 12 months from date of purchase and covers any identifiable defects in materials or manufacturing defects. The warranty covers faulty components, which will be repaired or replaced.

Transport costs and labour costs involved in replacements are the responsibility of the customer.

When any claims are made, the replaced parts must be sent to Linddana for examination.

Linddana alone decides whether the claim can be approved.

The following is an excerpt from Linddana’s Terms of Sales and Delivery (items 4 and 5).

Claims

Any risk related to the goods shall pass to the customer when the goods are delivered. Any claims related to a delivery must be made in writing to LINDDANA as soon as possible, and not later than eight days after the goods are received. If LINDDANA has not received the claim within the stated time limit, the buyer's objections about quality or quantity is rendered void.

LINDDANA shall not be liable for defects other than those mentioned in this clause. This applies to any losses that may be caused by the defect, including operational losses, or loss of earnings and other consequential financial losses.

Warranty terms

LINDDANA provides a 12-month warranty that covers any repairs of faults or defects in construction, materials or manufacturing. This warranty shall not cover defects or faults due to inadequate maintenance, incorrect installation, alterations made by the buyer or incorrect use of the product. If non-original parts are used, the warranty is void.

Furthermore, the warranty shall not cover normal wear and tear. LINDDANA's obligations under the warranty shall be conditional on the buyer's documentation that any ascertained defect or fault has not been caused by circumstances excluded from the warranty; cf. above.

LINDDANA shall be entitled and under an obligation to remedy all defects caused by faults of design, materials or production. LINDDANA alone shall decide whether remedial action shall be in the form of repair or replacement of the defective part or parts. Where repairs are carried out, the buyer shall be obliged to deliver the item sold to a workshop indicated by LINDDANA, and collect it, at no cost to LINDDANA. When the defective part or parts are replaced, the buyer shall be obliged to send the defective parts to LINDDANA at no cost to LINDDANA. LINDDANA shall be entitled to deliver a substitute product to replace defective products.

The buyer shall inform LINDDANA of faults or defects in the product sold, not later than eight days after the defect is discovered or should have been discovered by the buyer. If the buyer does not inform LINDDANA before this time limit has expired and before the warranty period has expired, the buyer shall forfeit the right to make any claims arising from the defect or deficiency.

LINDDANA assumes no other liability for such defects. This applies to any losses that may be caused by the defect, including operational losses, or loss of earnings and other consequential financial losses.

LINDDANA is entitled and obligated to remedy any faults which are covered by a warranty granted by LINDDANA. LINDDANA alone decides whether the remedy shall take the form of repairs or replacement of the defective parts, everything under the terms stipulated in item 4.

LINDDANA has no other liability for those defects. This applies to any losses that may be caused by the defect, including operational losses, or loss of earnings and other consequential financial losses.

The warranty does not cover:

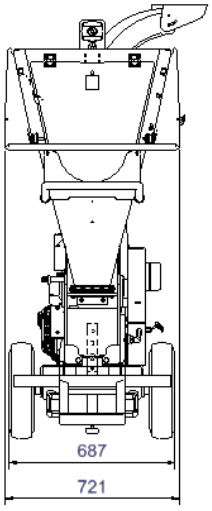
- Defects that can justifiably be attributed to inappropriate use.
- Use of non-original spare parts, including wearing parts.
- Incorrect adjustment or use of the machine.
- Use of incorrect lubricant.
- Knives and counterknives which break because of foreign bodies in the machine.

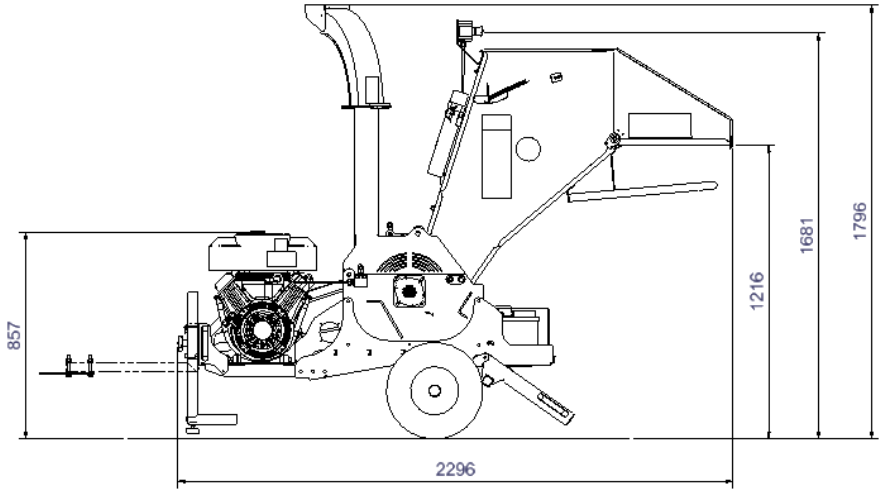
13 Technical data wood chipper

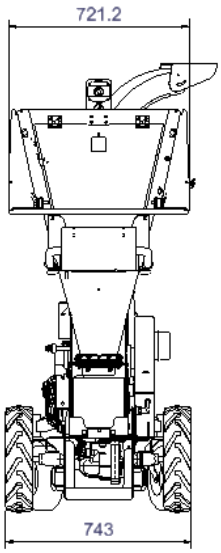
Type	TP 100 MOBILE
Chipping principle	drum chipper
Disc diameter, mm	400
rpm disc	2000
Total number of knives	2
Engine	Vanguard
Power, kW/(HP)	13 (18)
Fuel type	Petrol
Max. wood diameter, mm	100
Chip length, mm	5–20
Tyre installation (Standard machine)	4.8/4.00-8
Deadweight without extra equipment, kg	240

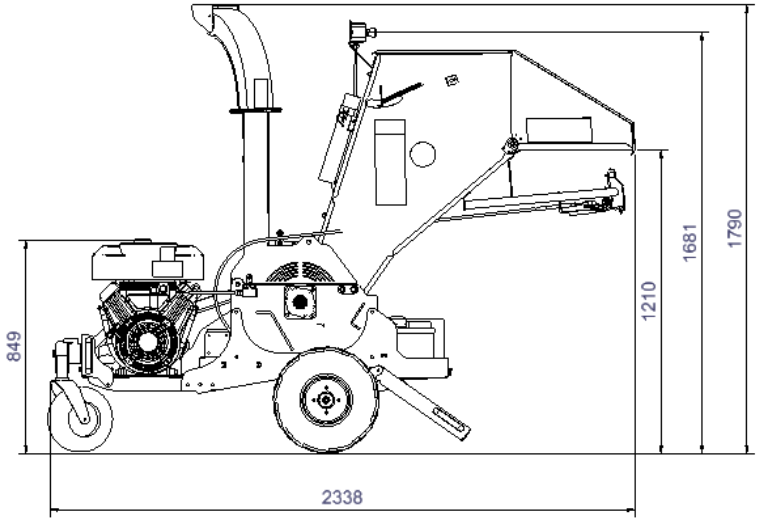
We reserve the right to make changes to the design and specifications without notice.

Dimensional drawing for TP 100 MOBILE









14 Extra equipment

- Extra knives in wooden box
- Vertical extension of ejector spout 0.3 m
- TP Servicebox
- Eye coupling Ø20 for garden tractor, etc.
- Ball coupling (AL-KO) 50 mm for garden tractor

15 Spare Parts Catalogue