



# PASTURE TOPPER

## WB 185 • WB 275

### USER MANUAL



**P. de Heus en Zonen Greup B.V.**  
Stougjesdijk 153  
3271 KB Mijnsheerenland  
The Netherlands  
Tel: +31 (0) 18 66 12 333  
E-mail: [info@boxeragri.nl](mailto:info@boxeragri.nl)



**ENG | ENGLISH**

**TRANSLATION OF THE ORIGINAL MANUAL**

## CONTENTS

---

1.	USING THE PASTURE TOPPER WB 185 AND WB 275 .....	4
2.	SAFETY INSTRUCTIONS .....	5
3.	PUTTING INTO OPERATION/OPERATING INSTRUCTIONS .....	7
4.	WORKING METHOD AND USE OF THE PASTURE TOPPER .....	8
5.	STORAGE, MOVING AND DEPLOYABILITY .....	9
6.	MAINTENANCE AND REPAIRS .....	10
7.	DISPOSAL AND THE ENVIRONMENT .....	11
8.	FIGURES .....	12
9.	TECHNICAL FILE .....	13
10.	CE DECLARATION OF CONFORMITY .....	14

---

# 1. USING THE PASTURE TOPPER WB 185 AND WB 275

For tractors.

Types: WB 185 and WB 275 (540 rpm).

- The pasture topper must be connected to the tractor or a comparable piece of equipment (hereinafter called the machine) using a three-point mounting frame.
- The working width is determined by the pasture topper type.
- The pasture topper can be used for all types of fields of grass, etc. without stones, etc. that may injure people and that may cause machine damage!

The pasture topper requires the following power:

Model	hp	kW	Weight (kg)
WB 185	30-70	22-50	350
WB 275	40-80	30-60	470

- Only use and follow the BOXER manual.
- Note the danger symbols and pictograms and the recommendations indicated by labels on the machine. Stay at a safe distance from a rotating machine (at least 30 meters).
- Lubricate all lubrication points of the machine and power take-off every 10 hours.
- Inspect the pasture topper for excessive dirt and damage before you begin mowing.
- Make sure the ejection plate on the back is working properly in connection with the danger of ejection of hard bits such as stones, etc.
- Set the top bar length and the lifting device such that the machine slides on the skids.
- Check the belt tension. If required, tighten.
- Spray the underside clean after each use.
- Always drive down slopes in a straight line and not at a slant (only if the tractor is equipped with a ROPS cab).

---

## 2. SAFETY INSTRUCTIONS

The following safety instructions and the instructions given in the BOXER manual must be observed:

- The capacity and the stability of the machine to which the pasture topper will be connected must be adjusted to the pasture topper on the basis of 540 rpm (PTO).
- The fastening width of the machine must also be the same as the fastening width of the pasture topper.
- Be aware of the controls and how to stop a tractor quickly.
- Conveying people is strictly forbidden.
- The working speed is between 5 and 10 km/h depending on the height and the density of the crop.
- The machine can be set almost level in the working position by using the lifting device and skids.
- Avoid ground that does not provide sufficient support and is too uneven or has too many molehills.
- The warning symbols and pictograms on the machine must continue to be visible and legible.
- Take care that no people or animals come into the operating range while mowing.
- Do not inspect or clean a machine while it is running.
- If the machine does not have a safety cab, wear safety goggles and a dust mask when mowing dusty or sandy areas.
- Wear hearing protection if the sound level is higher than 85 dBA.
- Only use the pasture topper for mowing grass, leaves, etc., without coming into contact with stones, sand, gravel, curbs, etc.
- Jolting, jerky and swaying movements must be avoided.
- The pasture topper must be stored on a paved surface.
- All pins and bolted connections must have sound retainers.
- Neither hoisting cable may show any damage.
- Improper use of the pasture topper must be avoided at all times.
- Obey traffic rules.
- If the hydraulics of the tractor's lifting device are not operating correctly, stop working immediately to prevent accidents and/or damage.
- Only work with the pasture topper in a horizontal position, with both skids on the ground. When transporting over a road, the pasture topper must be free of the ground and be securely suspended in the lifting chains of the three-point lifting device so that no obstacles can be hit.
- Follow the safety instructions on the machine carefully and make sure that they are and remain properly legible and visible. If required, replace them.
- Stop immediately if someone comes within 90 meters in connection with the danger of flying stones, which could cause injuries.
- Make sure that the power take-off and its protections are in good condition. Try to maintain a power take-off rotation of 540 rpm. The power take-off guard is not allowed to rotate! (Use the chain attachment!)
- Never leave the tractor if the cutting blades are still rotating!
- Only work if the mowing machine can be seen (if required, turn on the tractor's rear lights).

- 
- Sharpen the cutting blades in a timely manner. To prevent imbalance, approximately the same degree of grinding must take place. If there is extreme damage, all blades must be replaced.



---

## 3. PUTTING INTO OPERATION/OPERATING INSTRUCTIONS

Before coupling the pasture topper to the machine mechanically, the following must be checked:

- Whether the machine has sufficient capacity in all situations that may arise, such as swerving or turning, to be safely fitted with the pasture topper.
- Whether the connection points to be guaranteed on the pasture topper match the connection points on the machine.
- Check that the power take-off does not touch anything with the lifting device in the highest and lowest position.
- Make sure the grass ejector chute on the back is working properly in connection with the danger of ejection of hard bits such as stones, etc.
- Whether the machine's blades are sharp enough. Sufficiently sharp blades guarantee a good result.
- Check the universal joint for proper connection and sufficient overlap (at least 15 cm).
- Before use, check that all bolted connections have been sufficiently tightened.

After the points above have been checked, the pasture topper can be attached to the machine mechanically. When connecting mechanically, the machine must be maneuvered slowly to the attachment system.

Use the manual for specific settings. See Chapter 4. „WORKING METHOD AND USE OF THE PASTURE TOPPER“.

### Check daily for damage



Set mower height

---

## 4. WORKING METHOD AND USE OF THE PASTURE TOPPER

Prior to use, the safety instructions given in Chapter 2 must be observed!

- Work only with tight cables so that the pasture topper is horizontal and runs on the skids.
- The skids can be adjusted to set the working height (mower height). Make sure that the fastening bolts have been sufficiently tightened and secured.
- Take care that the shaft with universal joint is as level as possible when in the working position.
- Check the safeguards of the top link pins and lifting rod pins.
- If the mowing height is set too low, the blades usually make too much contact with the ground and the machine will be damaged.
- Work only at a power take-off rotation of 540 rpm.
- After every working day, the pasture topper must be cleaned carefully so that no grass and/or sand residue remains stuck to the system anywhere and hardens. Park the combination with the mowing machine on a flat surface.
- Do not stand on the machine if the blades are still rotating.
- Conveying people is extremely dangerous!!!



---

## 5. STORAGE, MOVING AND DEPLOYABILITY

When storing the pasture topper, make sure that the blades are free of any obstacle.  
Do not stand on the machine when moving it.

After a long storage period, the blades must be checked for free rotation in connection with possible rusting into place after use.

---

## 6. MAINTENANCE AND REPAIRS

- Maintenance and repairs must be done by a competent person.
- When replacing the blades, make sure that the same blade lengths are installed to prevent imbalance!!! Also check that the blades rotate in the correct direction.
- When installing the entire blade construction, make sure the blades are at 90 degrees one from the other.
- Make sure the V-belts are tightly tensioned.
- After every working day, the pasture topper must be cleaned carefully so that no grass and/or sand residue remains stuck anywhere on the system and hardens.
- The pasture topper must be inspected for wear, distortion and cracking every 10 operating hours and after any unforeseen event.
- No changes may be made to the pasture topper system without written consent from the manufacturer.

When in doubt, consult the manufacturer.

### Every 10 operating hours

1. Lubricate the grease nipples with grade II grease
2. Lubricate the power take-off (2x).
3. The oil level in the gearbox must be checked annual at the Allen bolt level and, if required, topped up at this location.
4. Check the wear of the 4 or 6 blades and, if required, grind them back into their original shape.
5. Check the V-belts for the correct tension and, if required, tighten.

### Every 50 operating hours

Check the oil level of the gearbox and, if required, top it up.

### Every 200 operating hours or annually

Replace the V-belts.

---

## 7. DISPOSAL AND THE ENVIRONMENT

Each of the sorted materials must be offered separately to the relevant authorities/companies.

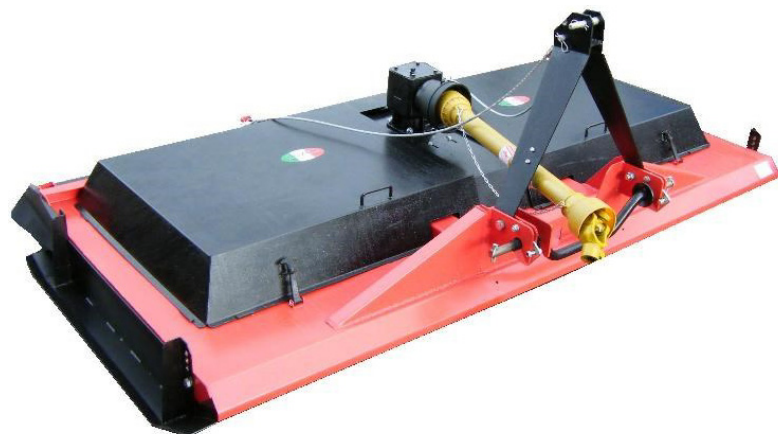
---

## 8. FIGURES

WB 185



WB 275

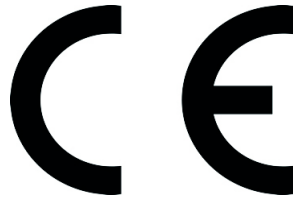


---

## 9. TECHNICAL FILE

The technical file, detailed drawings, structural calculations and original CE declaration of conformity are available for inspection at the office of the supplier/manufacturer.

## 10. CE DECLARATION OF CONFORMITY



### EC declaration of conformity for machines

P. de Heus en Zonen Greup B.V.  
PO Box 1529  
3260 BA OUD-BEIJERLAND (The Netherlands)

Brand: BOXER PASTURE TOPPER  
Type (model): WB 185 and WB 275  
Serial number:  
Year of manufacture:

Declares that BOXER PASTURE TOPPER WB 185 and WB 275, for mowing operations in agriculture, horticulture and private capacities, comply with the provisions of the Machinery Directive (Directive 2006/42/EEC, which includes 98/37/EEC, 89/392/EEC, 91/368/EEC, 93/44/EEC and 93/68/EEC) and NEN-EN 292-1/2, EN-ISO 141121-1, ISO/TR 14121-2 and DIN 766.

Drawn up by Ingenieursbureau PIGMACOM vof, Oud Gastel (the Netherlands)  
W.A.J. Piggen.

Oud-Beijerland, The Netherlands      Date: 17 - 9 - 2010

~~P. de Heus en Zonen Greup B.V.  
Import-Export Landbouwwerktuigen en Tractoren  
Stoepsedijk 153 3271 KB Greup Holland  
Tel. +31 186 612 933 Fax +31 186 610 442~~

Director  
H.E. de Heus