



BOXER DITCHER

D0

USER MANUAL



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ENG | ENGLISH

TRANSLATION OF THE ORIGINAL MANUAL

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1. USING THE DITCHER

For ditches, trenches, drainage, laying ground cables, etc.

- The ditcher must be connected to a tractor or a comparable piece of equipment (hereinafter called the machine) using a three-point mounting frame.
- The working width (= trench width) is determined by the width position of the digging blades of the ditcher.
- The ditcher can be used for grassland and agricultural drainage, but also in relation to sports fields, parks, gardens, grass fields etc. without stones, etc. that may lead to injuries or machine damage.
- Danger of objects being ejected such as stones, etc.
- Follow the instructions in this manual.
- Note the danger symbols, pictograms and recommendations indicated by decals on the machine.
- Lubricate the 2 power take-off lubrication points every 25 hours.
- Inspect the ditcher for excessive dirt and damage before you begin to cut.
- Inspect the top rod chain. It must be straight (i.e. not folded) and undamaged.

2. SAFETY INSTRUCTIONS

The following safety instructions must be observed:

- The capacity and stability of the machine to which the ditcher is connected must be adjusted to the ditcher on the basis of 540 rpm (PTO).
- The fastening width of the machine must also be the same as the fastening width of the ditcher.
- Make sure that you know how to quickly stop the tractor.
- Conveying people is strictly forbidden.
- The operating speed amounts to 500 m/hour at most depending on the working depth and the weight of the soil.
- The machine can be set almost level in the working position by using the lifting device and the traveling wheels.
- Avoid ground that does not provide sufficient support and has too many stones in the substrate.
- Take care that no people or animals come into the operating range while cutting. Gravel and stones that fly off may cause nasty injuries. Stop immediately if someone comes within 90 meters.
- 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 cutting dusty or sandy areas.
- Wear hearing protection if the sound level is higher than 85 dBA.
- Only use the ditcher for creating drainage trenches and possible drainage. Make sure that you do not come into contact with stones, coarse gravel, curbs and paved slopes.
- Shallow laid ground cables, pipes and drainage facilities may be hit by the ditcher. Make sure that this is not possible!
- Jolting, jerky and swaying movements must be avoided.
- The ditcher must be stored on a paved surface.
- All digging blades, bolted connections, etc. must have sound retainers.
- Improper use of the ditcher must be avoided at all times.
- If the hydraulics of the tractor's lifting device are not operating correctly, stop working immediately to prevent accidents and/or damage.
- When conveying it over a road, the ditcher must be free of the ground and be securely suspended in the lifting chains of the three-point lifting device so that no road obstacles can be hit. The ditcher may move forward when driving over road elevations such as road bumps and, in the extreme case, it may come into contact with the tractor. Therefore, drive on the road with a closed rear window!
- Follow the safety instructions on the machine carefully and make sure that they are legible and have been clearly indicated. If this is not the case, they must be replaced.
- Make sure that the power take-off and its protections are in good condition.
- Never leave the tractor if the digging wheel is still rotating!
- Only work if the ditcher can be seen (if required, turn on the tractor's rear lights).
- A safe maximum working depth is 65 cm that will make sure that the perpendicular transmission box is free from the ground.
- After hitting a stone (the ditcher leans forward in the direction of the tractor), the ground blades must be checked for damage. A crooked or broken-off blade or broken-off blade bolts must be replaced by originals immediately.
- If noises are heard, stop working to prevent any further machine faults or injury.

3. PUTTING INTO OPERATION/OPERATING INSTRUCTIONS

Before connecting the ditcher to the machine mechanically, the following must be checked:

- Whether the machine has sufficient capacity in all situations that may arise to be equipped with the ditcher.
- Whether the connection points to be guaranteed on the ditcher match the connection points on the machine.
- Whether the machine's digging blades are sharp enough. Sufficiently sharp blades guarantee a good result.
- Whether the shaft with universal joint has a proper connection and sufficient overlap (required for at least half of the length of the overlap) and is sufficiently clean and lubricated.

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

- Once the ditcher has been suspended on the lifting device after being properly attached, both base supports must be pulled up in a secure manner.
- By means of the top rod chain length, the entire item must be suspended virtually horizontally in the workflow position.
- Check that the protective covers of the power take-off are undamaged.

4. WORKING METHOD/USE

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

- Allow the machine to gain the required speed when trenching starts and, next, allow the ditcher to slowly drop into the soil.
- Only work if there are no bystanders in the area.
- For setting the digging depth, the required power take-off speed must be set to obtain sufficient discharge.
- Take care that the shaft with universal joint is as horizontal as possible when in the working position.
- Allow the machine to run as straight as possible when trenching.
- Put away the ditcher after cleaning it using the secured legs on a flat surface. The digging wheel will then be resting on the bottom digging blades.

5. STORAGE/MOVING

When storing the ditcher, make sure that the blades are free of any obstacles.

The ditcher may only be positioned on a paved surface. The power take-off shaft must be secured to the frame when being stored to prevent any entrapment of hands, injuries or damage.

The supports must be slid out and secured in place during storage.

6. MAINTENANCE/REPAIRS

- Maintenance and repairs must be done by a competent person.
- When replacing the digging blades, make sure that the digging blades are installed alternately when compared to each other!



- After every working day, the ditcher must be cleaned carefully so that no soil residue remains stuck anywhere on the system and hardens.
- The ditcher must be inspected for wear, distortion and cracking every 10 operating hours and after any unforeseen event.
- No changes may be made to the ditcher installation without written consent from the manufacturer.
- Regularly check the bolt fastenings of the trenching blades.
- If in any doubt, always consult your dealer.

Regular maintenance: every ten hours of operation

- Lubricate the universal joint.
- Check for blade wear and, if required, replace them.

Regular maintenance: every 50 hours of operation

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

Regular maintenance: every 200 hours of operation or annually

- Change the oil in the gearbox.

7. DISPOSAL/THE ENVIRONMENT

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

8. FIGURES



Side view of the digging wheel with retractable support



View of the connecting side with the top rod chain



3 discharge positions

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 manufacturer.

10. CE DECLARATION OF CONFORMITY



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A member of de Heus group

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EG Conformiteitsverklaring

Volgens machinerichtlijn 2006/42/CE



Konformitätserklärung

Entsprechend der Richtlinie 2006/42/CE



EEC Declaration of Conformity

Conforming to the Directive 2006/42/CE



Déclaration CE de Conformité

Conforme à la directive de la 2006/42/CE

Wij – Wir – We – Nous :

Boxer Agriculture Equipment B.V.

Stougjesdijk 153

3271KB Mijnsheerenland – Holland

Verklaren onder eigen verantwoording dat de machine:

Erklären in alleiniger Verantwortung, daß die machine:

Declare under our own responsibility that the product:

Déclarons sous notre seule responsabilité que le produit:

Machine : sleuvenfrees , Schlitzfräse , Ditcher , Trancheuse

Type/model : D02 / D03

Seriennummer / Chassis number :

Bouwjaar / Baujahr / Year / Année :

De machine in de verklaring voldoet aan de fundamentele veiligheids- en gezondheidseisen die zijn vastgelegd in de richtlijn van 2006/42 / EG en ter verificatie zijn geraadpleegd UNI:EN ISO 12100:2010, EN ISO 4254-1:2015 , EN ISO 4254-5:2010 , UNI 10758:1998

Auf dass sich diese Erklärung bezieht, den einschlägigen grundlegenden Sicherheit und Gesundheitsanforderungen EG-Richtlinie 2006/42/CE, UNI:EN ISO 12100:2010, EN ISO 4254-1:2015 , EN ISO 4254-5:2010 , UNI 10758:1998

To which this certificate applies, conforms to the basic safety and health requirements of EEC Directives 2006/42/CE and following , we have consulted UNI:EN ISO 12100:2010, EN ISO 4254-1:2015 , EN ISO 4254-5:2010 , UNI 10758:1998

Faisant l'objet de la déclaration est conforme aux prescriptions fondamentales en matière de sécurité et de santé stipulées dans la Directive de la 2006/42/CE et consultées pour vérification UNI:EN ISO 12100:2010, EN ISO 4254-1:2015 , EN ISO 4254-5:2010 , UNI 10758:1998

Mijnsheerenland , 19/08/2019

De gevolmachtigde:

Der Bevollmächtigte:

The legal representative :

Le représentant légal:

