

# *Bale spear*

## BP-2/BP-3/BP-5



BP



BP-2/3/5 with transport protection (option)



BP-2/3/5 with straw clamp (option)





## *English*

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## 1. To the user

### 1.1 Introduction

The purpose of this manual is to inform you about the commissioning, operation and maintenance of your new WIFO bale picker. In addition, this manual contains safety instructions, which ensure hazard-free application.

WIFO-Anema B.V. continuously strives to improve its products. WIFO-Anema B.V. reserves the right to make all changes and improvements it deems necessary.

Before commissioning, the manual and safety instructions should be read thoroughly and observed. If any questions remain open after reading the manual, please contact your dealer.

We wish you much working pleasure with your WIFO bale spear.



**CAUTION:**

*Please read this manual carefully before putting the machine into operation and follow all instructions. This is to ensure safe, trouble-free operation.*

Keep this manual carefully for future use!

WIFO-Anema B.V.


**Dealer:**


### 1.2 Language and translations

This manual is a translation of the original Dutch version. In case of discrepancies between translations and the Dutch version, the Dutch text prevails.

### 1.3 Safety instructions and warnings

Please read this manual before using the machine for the first time and absolutely observe the safety instructions. Particularly important places are marked with a pictogram.

	<p><i>You will find this sign at all important safety instructions in this manual. Observe the instructions carefully and act with particular caution in these cases.</i></p>
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	<p><i>This symbol can be found on all important safety instructions in this manual. Follow the instructions carefully and act with special care in such cases.</i></p>
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All persons entrusted with the commissioning, operation and maintenance of the machine must carefully read and observe the following instructions.

#### 1.3.1 Safety instructions

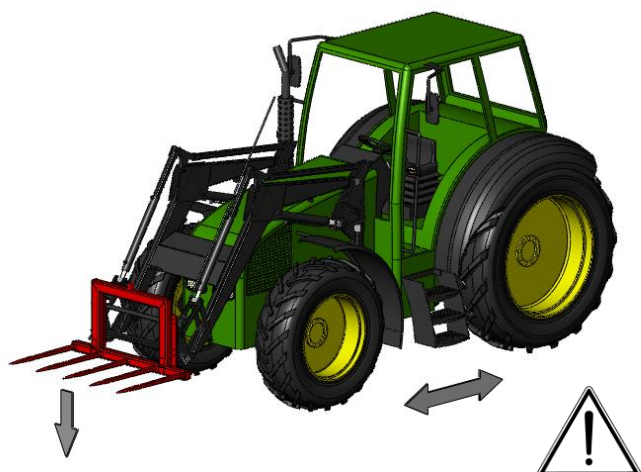
The following safety regulations apply to every type of WIFO bale clamp. No distinction is made for the lifting vehicle used or the transport of round or rectangular bales.




**Do not let anyone ride with you.**




**Never get under the bale spear and be mindful of the sharp knife points and falling products from the bale picker. Stay outside the working area of the bale spinner**



*Transport cargo as much as possible with the bale spear as low as possible to keep the tractor as stable as possible.*

	<p><i>Operate the bale spear only from the driver's seat of the tractor. Ensure that there is always adequate visibility of the operation from this position.</i></p>
	<p><i>When picking up a bale, ensure that the spears do not go behind or under a concrete ledge or elevation to prevent the spears from becoming bent.</i></p>
	<p><i>When transporting on public roads, take care to protect protruding parts. Take into account the width of the machine and provide adequate (warning) lighting.</i></p>
	<p><i>Always keep sufficient pressure on all tractor wheels to keep the combination stable and steerable; pay special attention when working in rough terrain and on slopes. Use counterweights and/or twin wheels if required.</i></p>
	<p><i>Put the tractor away only with the bale spear in the lowest position. Make sure the combination cannot make unexpected movements when the tractor is not in use.</i></p>
	<p><i>Make sure the bale spear cannot fall over when it is disconnected from the tractor and put away.</i></p>

### 1.3.2 Safety decals and warning graphics

	<p><b>Working safely also means being well informed about the various safety decals on the machine. You must have a good understanding of what they are warning you about.</b></p> <p><b>Stickers that are loose, illegible or off the machine should be replaced.</b></p>
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There are a number of safety stickers on the machine. The stickers used on this machine have the following meanings:




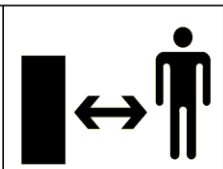
				<table border="0"> <tr> <td><b>NL</b></td> <td>Het totaal van de massa van de machine en de lading mag de hefcapaciteit niet overschrijden.</td> </tr> <tr> <td><b>D</b></td> <td>Gewicht Anbaugerät und Last zusammen, darf Tragfähigkeit nicht überschreiten.</td> </tr> <tr> <td><b>F</b></td> <td>La capacité de levage doit être supérieure au total de la masse de la machine et du chargement.</td> </tr> <tr> <td><b>GB</b></td> <td>The weight of the attachment together with the load may not exceed the lifting capacity.</td> </tr> </table>	<b>NL</b>	Het totaal van de massa van de machine en de lading mag de hefcapaciteit niet overschrijden.	<b>D</b>	Gewicht Anbaugerät und Last zusammen, darf Tragfähigkeit nicht überschreiten.	<b>F</b>	La capacité de levage doit être supérieure au total de la masse de la machine et du chargement.	<b>GB</b>	The weight of the attachment together with the load may not exceed the lifting capacity.	<table border="0"> <tr> <td><b>NL</b></td> <td>Zet de machine in de laagste stand indien deze niet gebruikt wordt.</td> </tr> <tr> <td><b>D</b></td> <td>Die Maschine muß sich in der untersten Position befinden bei Nichtgebrauch.</td> </tr> <tr> <td><b>F</b></td> <td>La machine soit sur la position la plus basse lorsque la machine n'est pas utilisée.</td> </tr> <tr> <td><b>GB</b></td> <td>The machine should be in the lowest position when the machine is not used.</td> </tr> </table>	<b>NL</b>	Zet de machine in de laagste stand indien deze niet gebruikt wordt.	<b>D</b>	Die Maschine muß sich in der untersten Position befinden bei Nichtgebrauch.	<b>F</b>	La machine soit sur la position la plus basse lorsque la machine n'est pas utilisée.	<b>GB</b>	The machine should be in the lowest position when the machine is not used.
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Figure1 .3.1. Safety sticker WIFO

### 1.3.3 Location of safety stickers on the machine

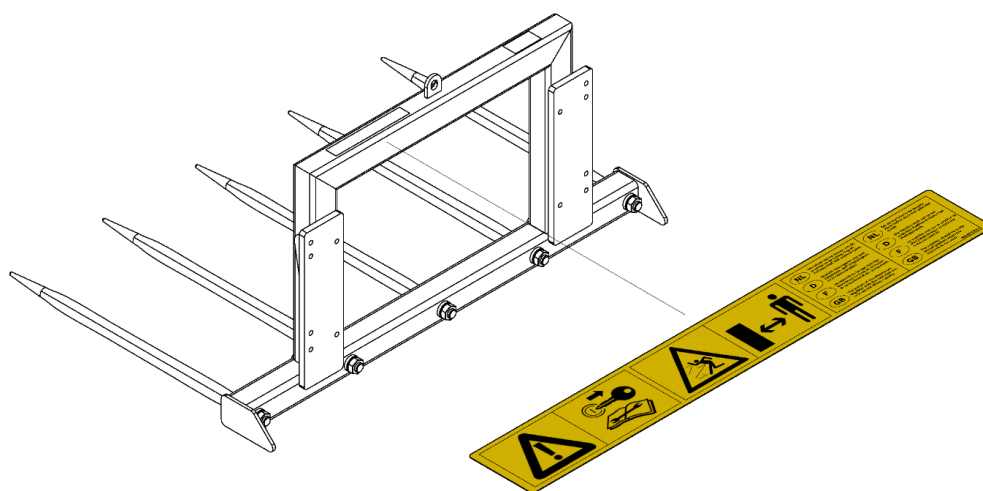


Figure 1.3.2-Location of safety sticker for BP

## 1.4 Purpose of use

The WIFO bale spears are suitable for transporting all types of bales. The bale spears are available for use on a tractor with standard category II three-point linkage or for attachment to a front loader (Euro). Other types of attachments are available upon request.



**CAUTION:**

*The lifting capacity of the tractor must exceed the total mass of the bale spear and load. See "Technical data" chapter 2.1.*


**The bale spear must definitely not be used for passenger transport!**



## 1.4 Liability

This manual must be read by all persons working on and with this machine. In addition, they must only use the machine for its intended purpose. This includes the following points:

1. Work must only be carried out in accordance with the instructions and within the functional limits (e.g. max. hydraulic working pressure) as specified in the regulations. Sound and proper tools must be used.
2. Electrical / electronic equipment including accessories (e.g. cables) must be handled according to the general rules of use for non-watertight portable electrical and electronic equipment, that means among other things:
  - a) Store and keep in clean, dry environment and out of reach of rodents, etc.
  - b) Protect the equipment from hard, undamped shocks and from getting wet (rain).
3. Only original or equivalent replacement parts may be used which must be fitted according to the instructions (e.g. the specified tightening torques). A part (or lubricant) is considered equivalent if it has been expressly approved by WIFO or if you can prove that it has the required properties for the function(s) in question.
4. Always use lubricants that meet the specifications as described in the manual.
5. The locally applicable regulations regarding accident prevention, safety, traffic and transport must be observed at all times.
6. Only people who know the machine and are aware of possible dangers may work with and/or on the machine.
7. Changes to the machine that are not explicitly approved by WIFO exclude any liability of WIFO-Anema B.V. regarding possible damage.

	<p><b><i>Failure to comply with the rules and instructions in this manual shall be considered gross negligence, which cancels any liability of WIFO-Anema B.V. for all consequences arising therefrom. The risk then lies entirely and exclusively with the user.</i></b></p>
	<p><b><i>WIFO-Anema B.V. is constantly engaged in improving its products. It therefore reserves the right to make all changes and improvements it deems necessary.</i></b>  <b><i>There is no obligation to apply these to previously delivered machines.</i></b></p>

## 1.5 Warranty

WIFO-Anema B.V. vouches for the soundness of the items it delivers with regard to material and/or construction faults. However, this guarantee is limited in all cases to replacing or repairing the defective item or part thereof free of charge. WIFO-Anema B.V. cannot be held responsible for any damage or costs resulting from faulty delivery and/or defective items supplied by us within the guarantee period. **The warranty period is one year.**

## 2. Technical data

### 2.1 General technical data

Maximum capacity	1000 kg	1500 kg	1500 kg
Proper weight <sup>1</sup>	95 kg	105 kg	125 kg
Width	1500 mm	1500 mm	1500 mm
Height	740 mm	740 mm	740 mm
Spear length <sup>2</sup>	980 mm	980 mm	980 mm
Spear diameter	45 mm	45 mm	45 mm
Number of spears	2	3	5
H.O.H spear distance <sup>3</sup>	720 mm or 1430 mm	360 mm or 720 mm	360 mm
Maximum capacity	1000 kg	1500 kg	1500 kg

**Table 2.1.1-Features of WIFO bale spears**

<sup>1</sup>Weight without attachments.

<sup>2</sup>Standard spear length is 980mm, but also available in lengths of 1250mm and 1400mm.

<sup>3</sup>Spear distance is variable by means of removable spears in combination with universal main frame.

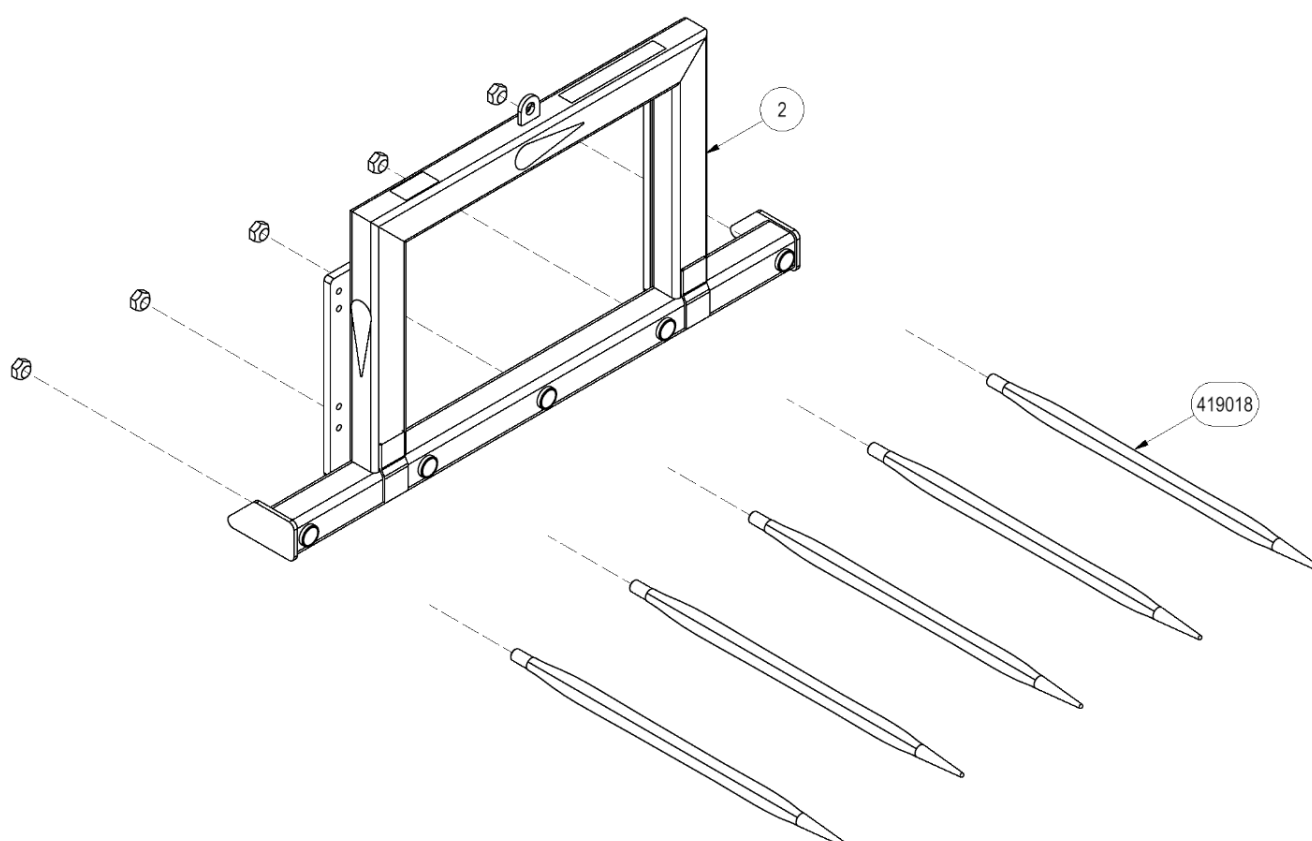
#### **Accessories:**

- Raised dismountable rack.
- Raised demountable rack with straw clamps.
- Transport protection for the spears.

Spear length 1250mm or 1400mm instead of 980mm.

## 2.2 BP

### 2.2.1 Parts list



Description	Spare part number
Spear BP Ø45-L980	419058
Spear BP Ø45-L1250	4190585
Spear BP Ø45-L1400	4190587
Main frame BP	2

### **2.2.2 Commissioning of BP**

Attachment of the bale spear depends on the design of the bale spear. The following are the main attachment descriptions:

#### **a) Attachment to tractor.**

1. Check that the lower links of the tractor's linkage are level.
2. Couple the bale picker to the tractor's category II three-point hitch. Use proper pins and locking clips.
3. Attach the top bar, use proper pin and locking clip. Adjust the top bar so that the bale picker is horizontal.
4. The lateral play of the slider in the linkage should be minimal. Adjust that with the stabilizers of the linkage.

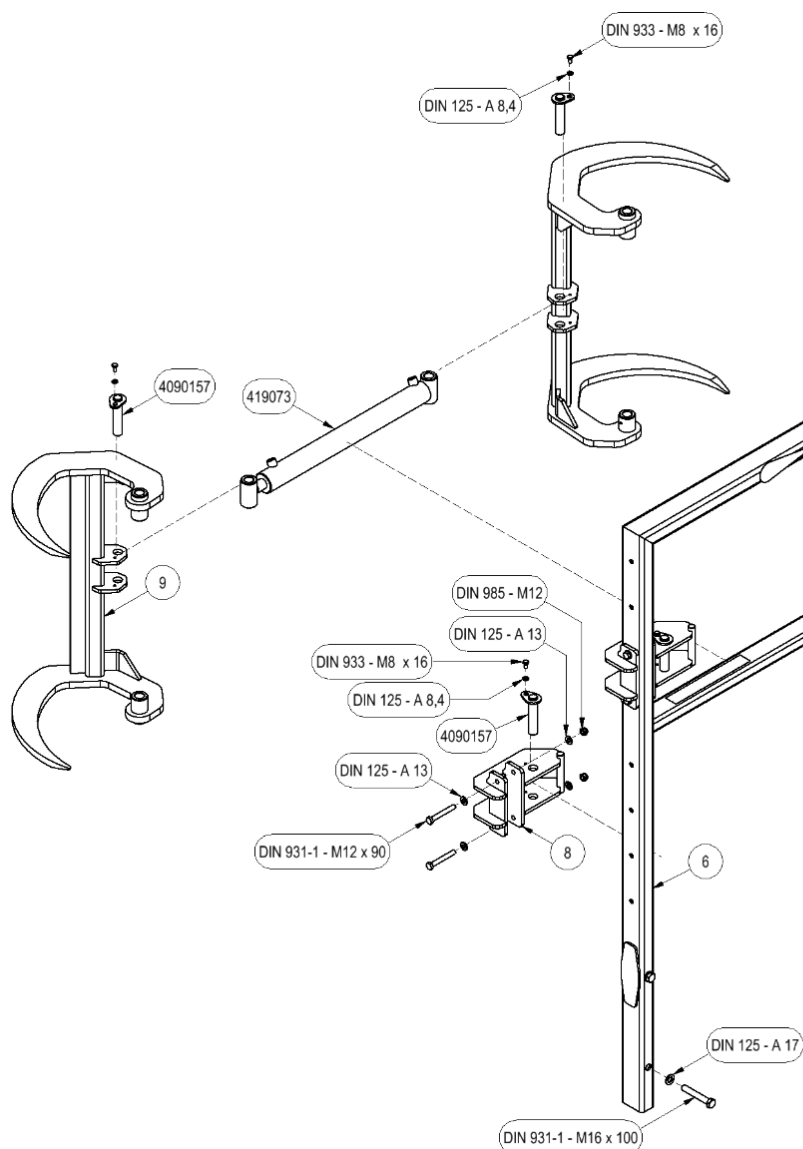
#### **b) Attachment to front loader/verreiker.**

1. Remove the pins from the quick coupler frame.
2. Tilt the quick coupler frame forward using the tipping cylinders and hook the bale picker onto the front loader/receiver. The hooks should fall between the guide lugs on the quick coupler.
3. Now tilt the quick coupler frame backwards using the tipping cylinders and reinsert the pins with the locking clips so that the bale picker is securely fastened.

**The WIFO bale spear is now ready for use.**

## 2.3 BP Straw clamp (option)

### 2.3.1 Parts list



Description	Spare part number
Rear rack straw clamp BP	6
Cylinder DW 50-30-500 BP straw clamp	419073
Suspension block for straw clamp	8
Double straw hook	9
Pin top clamp	4090157

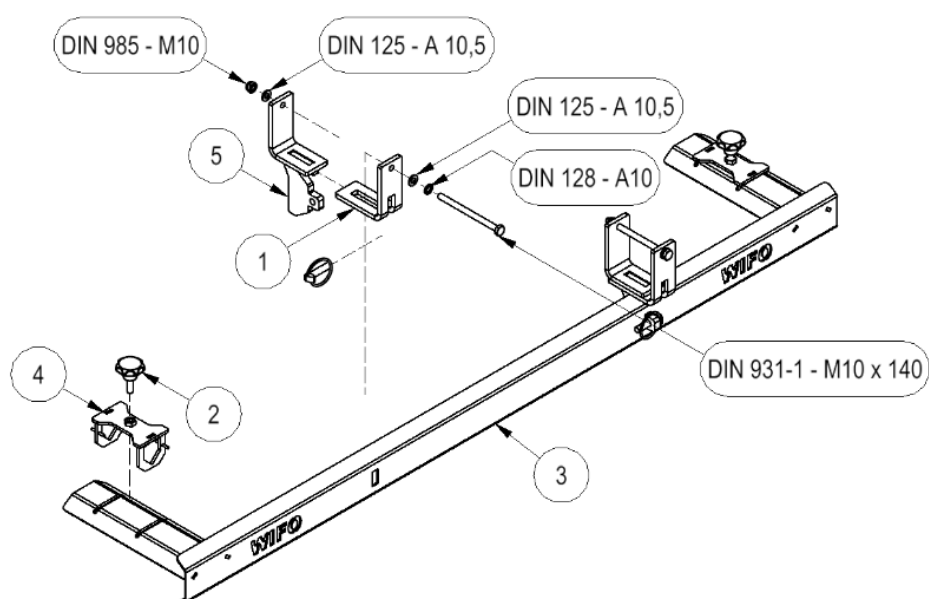
### **2.3.2 Commissioning of BP with straw clamp**

1. When mounting a loose rack with straw clamp on an existing BP bale picker, it must be lifted at all times with the proper lifting tools and then placed on the BP bale picker. Make sure that the straw clamp rack is lifted at the top with 2 slings which together have a total weight of +150kg.
2. The rack with straw clamps is attached to the main frame of the BP with 4 bolts M16x100. Tighten with the correct torque.
3. Connect the hydraulic hoses, making sure that the quick connectors are clean, so that no dirt enters the machine's hydraulic system.
4. Next, check that the hydraulic hoses move freely along everything and check that the system does not leak oil.
5. Check the straw clamp for proper operation by operating the hydraulic functions

**The WIFO straw clamp in combination with BP bale spear is now ready for use .**

## 2.4 BP Transport protection (option)

### 2.4.1 Parts list



Description	Spare part number
Sleeve Clamping strip	1
Star knob M10x30	2
Bracket plate Tooth protector BP	3
Retaining plate tooth protection BP	4
Sleeve Clamping strip BP	5

## 2.4.2 Commissioning of BP with transport protection

When transporting the BP on public roads, the spears should be shielded using the optional tine protection. Mount this tine protection as follows:

1. Loosen the star knob M10x30 sufficiently so that it can slide around the two outer spears of the baler.
2. Slide the tine protection strip up to the tips of the spears then hand-tighten the star knob M10x30 so that the tine protection locking plate clamps around the spears.
3. When working with the BP bale picker, the tine protection can be disassembled and placed on the horizontal tube of the main frame.
4. Disassemble the two locking clips and place the tine protection over the two lugs. Then secure it again with the two locking clips.

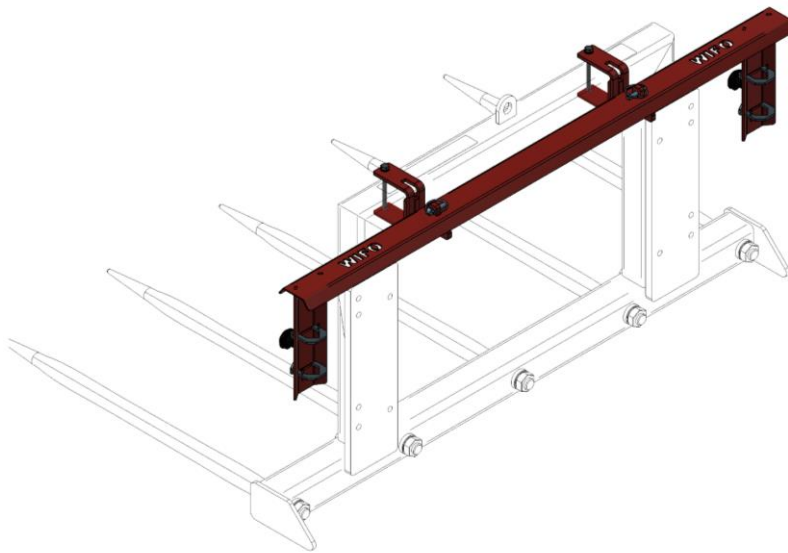


Figure2 .4.1 Mounting tooth protection when not in use



**According to "Dutch" legislation and road safety guidelines, sharp parts of agricultural vehicles transported on public roads must be protected in a sweeping manner. This is to prevent danger to other road users. Responsibility and use of this lies with the user of this implement!**

The WIFO bale spear in combination with tine protection is now ready for use.




### 3. Maintenance and faults

This manual contains the necessary safety instructions for maintenance work on the machine. Compliance with these instructions is mandatory to ensure the safety of personnel and to keep the machine in optimal condition.

#### 3.1 General safety instructions

It is mandatory to wear personal protective equipment (PPE) when performing maintenance work on the machine. This is to protect against possible hazards such as mechanical hazards, sharp edges, hot surfaces and harmful substances.

	<p><b><u>Attention:</u></b>  <i>Read the instructions in the manual carefully before performing maintenance on the machine!</i>  <i>Stop the engine and remove the key from the ignition while the machine is being machine!</i></p>
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#### 3.2 Required Personal Protective Equipment (PPE).

Maintenance personnel should wear at least the following PPE:

- **Safety glasses** - To protect against dust, sparks or flying particles.
- **Gloves** - Suitable for the specific job (cut-resistant, heat-resistant or chemical-resistant gloves, depending on the task).
- **Safety shoes** - With steel or composite toe cap and non-slip sole.
- **Hearing protection** - If work takes place in a noisy environment (>80 DB(A)).

#### 3.3 Specific Safety Measures

- Always ensure that the bale piercer is in the lowest position when maintenance or repair of the bale piercer takes place.
- Ensure that the spears are shielded so that they cannot cause injury.
- Prevent unauthorized persons from entering the work area.
- Use proper tools and follow the manufacturer's instructions.
- After maintenance, the machine should be checked for correct workings before being put back into operation.

### 3.4 Compliance and responsibility

- Failure to comply with these PPE regulations may result in serious injury or harm.
- Employers and employees are jointly responsible for the proper wearing of PPE.
- Regularly check PPE for proper condition and replace as necessary.

### 3.5 Preventive maintenance and lubrication

After the first 8 hours of operation:

- Retighten all bolts and or nuts.



*If other problems occur, please contact your dealer. He will be happy to assist you.*



## EC DECLARATION OF CONFORMITY

(In accordance with the Machinery Directive 2006/42/EC, Annex II, A)

Name: **WIFO-Anema BV**

Address: **Hegebeintumerdyk 37, 9172GP, Ferwert, Netherlands**

Telephone: **+31 (0)518411318**

E-mail: **info@wifo.nl**

***Declares that the following machine complies with the relevant directives:***

*Typeplaatje WIFO*

### ***Description of the machine:***

The **WIFO BP bale** spear is an interchangeable attachment which can be mounted on a tractor with a front loader or shovel. The bale spear is used for lifting and moving different types of bales. Optionally, it can be equipped with a straw clamp for clamping straw packages.

### ***Applied European directives:***

- Machinery Directive 2006/42/EC

### ***Applied harmonized standards:***

- EN ISO 12100:2010 - General safety principles.

Name: **Wytze Anema**

Function: **Director**

A handwritten signature in black ink, appearing to be 'Wytze Anema', written over a horizontal line.

Location: **Ferwert**

Date: **01-01-2025**