



## UM 7806 DOUBLE ROUND BALE GRIP

### User manual and spare parts

Edition	2025
Revised	01.01.2025
Language	ENG

Original user manual

## Warranty

This Underhaug product is warranted against manufacturing and material defects for a period of one year.

Components not manufactured by Underhaug, such as electrical and hydraulic equipment, power take-off (PTO) shafts, and tires, are covered according to the original manufacturer's warranty terms.

### Limited Warranty for Specific Components:

Due to their functional nature, the following components have limited warranty coverage:

Tires, blades, blade tips, shear bolts, fuses, and hydraulic seals in pumps, motors, valves, and cylinders, etc.

Wear and tear resulting from normal use is considered standard for these parts.

Warranty for these components is therefore limited to manufacturing defects such as breakage, deviations in design, or transport damage identified on new machines.

If damage is believed to be covered under the product warranty, the owner or the owner's representative must inform the dealer when requesting parts or repair work. Warranty claims must be reported within the warranty period.

The dealer must complete a claim form for each warranty case and submit it to Underhaug's sales company/importer by the 10th of the month following the report of the damage.

Damaged parts must be labelled with the claim number and retained for up to six months to allow Underhaug's sales company/importer to inspect them.

As the use of Underhaug products occurs outside the manufacturer's control, we can only guarantee the product's quality, not its performance or any resulting damages.

### Warranty Exclusions:

The warranty may be voided if:

- a) non-original spare parts are used, or the product is repaired or modified without Underhaug's approval.
- b) The manufacturer's operating and service instructions are not followed.
- c) The machine is used for purposes other than those intended.

The warranty does not cover damage caused by wear and tear.

Public safety regulations require the manufacturer of this machine to carefully assess the safety of its correct use. Therefore, Underhaug and our importer/sales company cannot be held responsible for the function of components not listed in the spare parts catalogue for this product.

Underhaug reserves the right to make design changes without obligation to update previously delivered machines.



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## Safety

### Before operating the machine

Before operating, adjusting, or repairing the machine, the user, repairer, and owner must familiarize themselves with the safety instructions provided in this manual (Fig 1). Be attentive and cautious when working with agricultural machinery. Read and take note of the safety instructions in this manual.

Safety at work is your responsibility

### General safety instructions

Exercise caution when other people or animals are nearby

Never start the machine when people or animals are close to the machine and tractor. Never stand between the tractor wheels and the machine (Fig 2).

Be aware of regulations concerning the operation of agricultural machinery by minors.

### Using the machine

The machine should only be used for its intended purpose.

### Use personal protective equipment

Do not wear loose clothing that could get caught in moving parts of the machine. Use an approved mask in dusty working conditions (Fig 3).

Be aware of the dangers of high noise levels. Some tractor-implement-combinations may under certain conditions produce noise levels above 85 dB, even inside soundproofed cabs. In such cases, hearing protection must be used. Keep the tractor's

windows and doors closed to reduce the noise level around the driver

### Ensure proper tractor compatibility

The tractor's weight must match the machine's maximum working weight. Follow applicable public regulations (Fig 4).

Verify that the correct PTO gear ratio is connected. A machine designed for 540 RPM must never be connected to a tractor with a 1000 RPM. PTO engaged the machine's standard. PTO speed is indicated on a label near the power transmission system.

### Important safety symbol



Pay special attention to this symbol. It indicates a safety hazard and outlines precautions to avoid accidents.

This symbol may appear throughout this manual and on warning labels on the machine. They are there for your safety and must be noted.

### Connecting the tractor and machine

Always follow the instructions in the manual when connecting the machine. If the connection is made by an agricultural hitch, one part (tractor or machine hitch) must have a clevis design. The hitch pin must be secured with a locking pin (Fig 5).

### Follow applicable regulations for road transport

Some countries require the use of safety chains when transporting a towed machine.

**Think safety while working**

The tractor engine should be stopped and the ignition key removed before performing any repair work, lubrication, or other maintenance on the machine. (Fig. 6).

**Protective covers**

Ensure that all covers are in good condition and properly mounted. Do not attempt to start the machine until this has been done. Damaged covers should be repaired or replaced immediately. (Fig. 7). Pay special attention to all protective covers related to the power take-off shafts. Replace damaged covers. Safety chains must always be attached to the machine and/or tractor to prevent the protective sleeves from rotating.

**Hydraulics**

Be cautious when handling hydraulic systems. Wear eye protection and gloves. Oil released under high pressure can penetrate the skin and cause serious internal damage. Seek medical attention if you have been exposed to such injury. (Fig. 8).

**Ensure that no one is near the machine when hydraulic functions are operated.**



Fig. 1

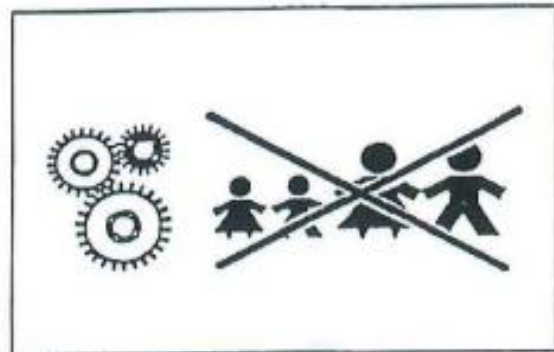


Fig. 2



Fig. 3

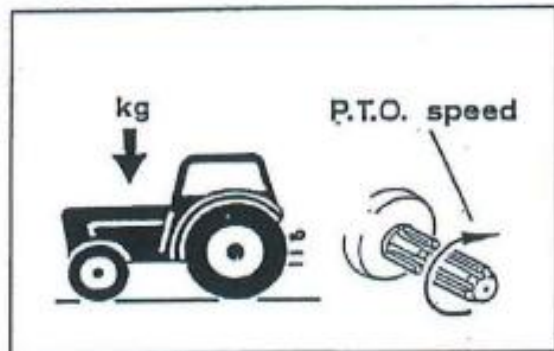


Fig. 4

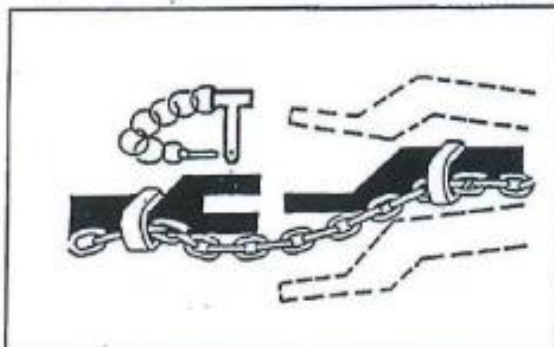


Fig. 5



Fig. 6

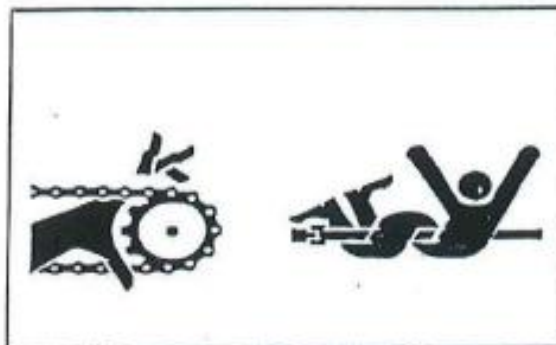


Fig. 7



Fig. 8

### **When disconnecting the machine and leaving the tractor/machine**

Set all hydraulic functions to the neutral position when disconnecting the machine. Lower the movable working components to the ground or set them in the transport position and secure them. If the machine is equipped with parking blocks, these should be used. Do not allow children to play or remain near agricultural machines. (Fig. 9).

### **Drive Safely**

Remember, you are responsible – carelessness and negligence can cause serious injury or even death. (Fig. 10).

### **Check the wheel bolts and the connection**

between the machine and tractor before transport on public roads. Also disconnect the hydraulic system.

Drive carefully. Reduce speed in turns and when driving on uneven surfaces. Ensure that the towed machine does not move uncontrollably sideways.

Be aware of the tipping hazard when driving on slopes and on soil with low bearing capacity. Reduce the load.

### **Lights**

The owner/operator is responsible for equipping the machine with the correct sound and reflectors when driving on public roads. Follow public regulations. (Fig. 11).

### **Safety equipment**

Always carry first aid equipment in the tractor. Follow public regulations regarding fire extinguishing equipment. When working with flammable materials such as hay and straw, fire extinguishing equipment must always be available. (Fig. 12).

### **Spare parts**

For safety reasons, we recommend using only original spare parts. The product warranty is invalid if non-original parts are used. (Fig. 13).

### **Maintenance**

Ensure that the machine is properly maintained and kept in good condition. Never make modifications to the machine's technical design. (Fig. 14).



Fig. 9

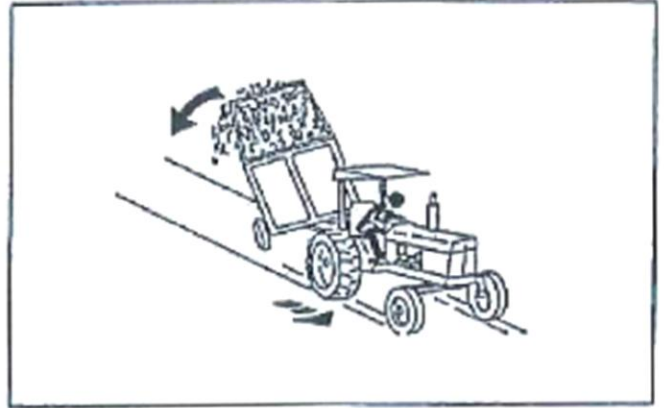


Fig. 10

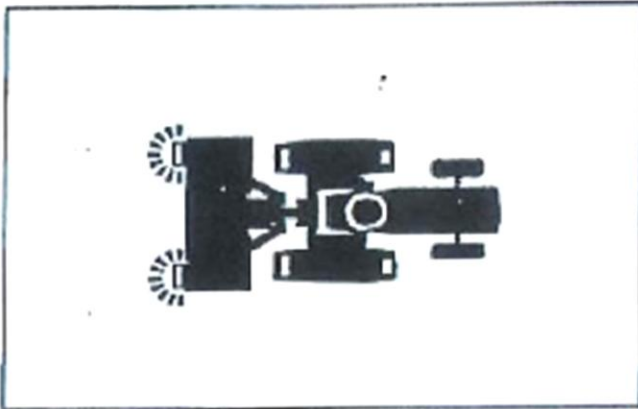


Fig. 11

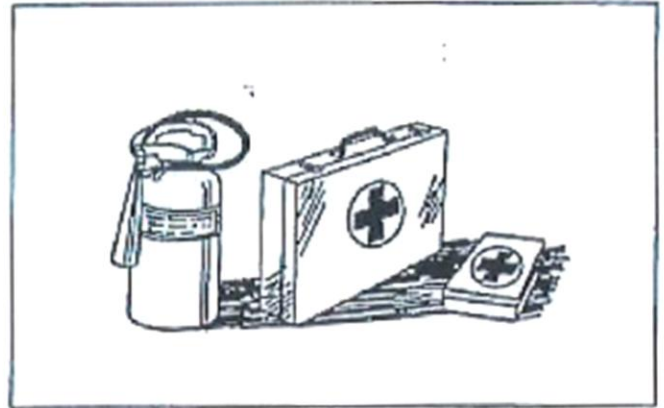


Fig. 12

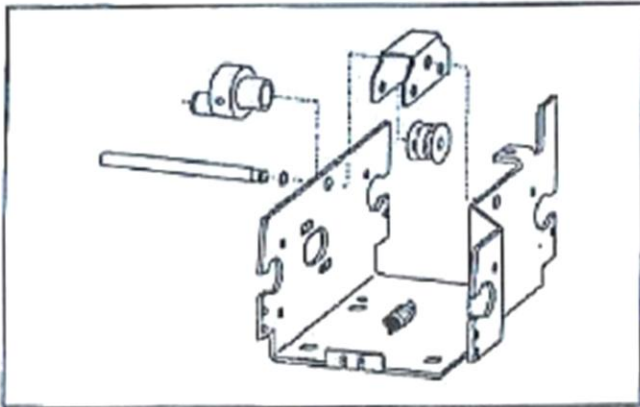



Fig. 13



Fig. 14

## Instructions for UM 7806 Double round bale grip

This equipment is marked with this  warning sign. If the sign is damaged, it must be replaced. Warning sign 220532 (fig. 1). Remember! Read and understand the instruction manual before using the equipment and before adjusting and performing maintenance.

**Warning Sign 220532 (Fig. 1).** Caution. Read and understand the instruction manual before using the equipment, and before adjusting or performing maintenance.

**Warning Sign 220538 (Fig. 2).** Due to the high risk of crushing, it is essential to keep people at a safe distance when the equipment is in use.

**Warning Sign 220537 (Fig. 3).** When the equipment is mounted on the rear of the tractor or on a loader, ensure no one walks underneath the equipment. Also, avoid lifting the equipment too high, as this may cause the load to fall off or the tractor to tip over.



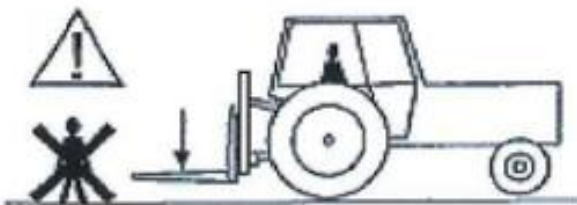
Fig. 1



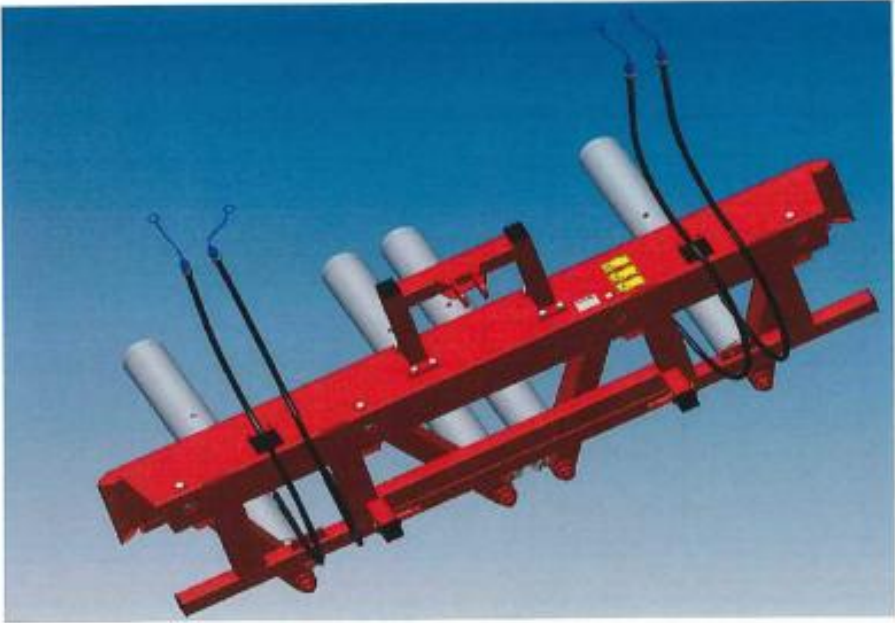
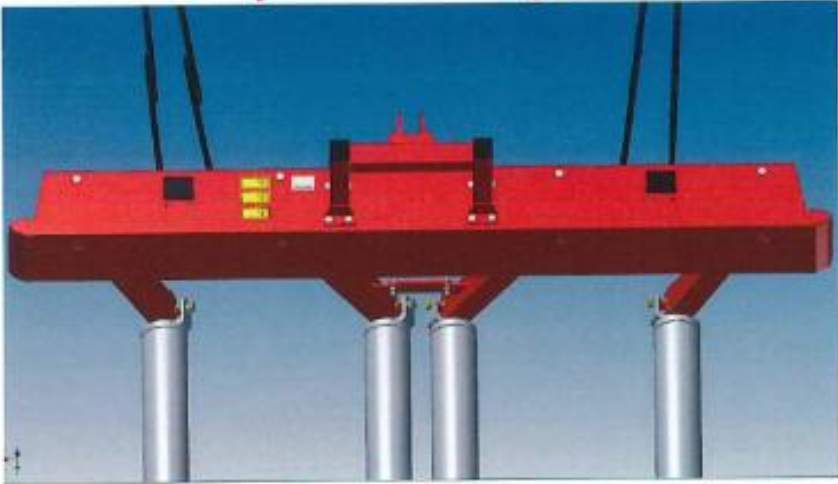
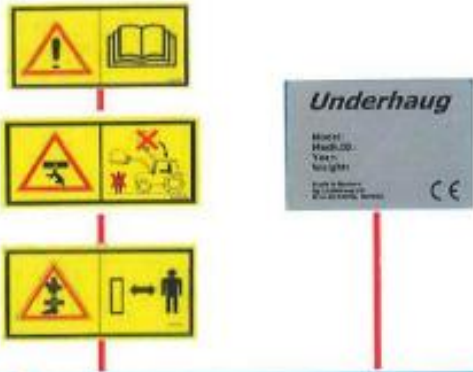
Fig. 2



Fig. 3



Warning signs/labels on the machine



## Machine Application

The UM 7806 Double Round Bale Grip is designed to handle and transport up to 2 round bales, each weighing 900 kg, distributed across 4 lifting tines.

The UM 7806 is intended for mounting on the tractor's three-point hitch at the rear and/or the tractor's front loader. Underhaug cannot guarantee the strength or twisting of the tractor's loading equipment or front axle.

In combination with Underhaug's other single, double, or triple bale handlers, there is full flexibility to transport from 1 to 5 round bales.

## Selectable brackets

<b>UM 7812</b>	<b>UM 7806 with Trima/Ålør/HMV</b>
<b>UM 7813</b>	<b>UM 7806 with Triangle</b>
<b>UM 7814</b>	<b>UM 7806 with Euro hitch</b>
<b>UM 7815</b>	<b>UM 7806 with Combi hitch HMV/Trima/Triangle/3-point</b>

## Preparation of new equipment

Mount the roller tines. Tighten the nuts with a torque of 65-70 Nm.

NOTE! The nut is eccentric. If the arms are not parallel, the tines must be rotated slightly before the nut is tightened again.

## Connection to tractor

The round bale grip is connected to the front loader or three-point hitch (remember the correct attachment equipment). It is operated from the tractor with 2 double-acting hydraulic outlets. The front loader should have a hydraulically adjustable implement hitch. When mounting on a three-point hitch, hydraulic top links should be used.

## Use of the round bale grip

Adjust the roller tines to be parallel to the ground. Move the roller tines to the outer position before driving the grip towards the bale. Press the arms underneath the bale to secure it in a firm grip. When stacking the bales, make sure the roller tines does not get to near other bales and damage the plastic. The maximum load capacity is 2700 kg.

## Operation

Pick up the round bales on either the right or left side of the grip, independently of each other, and then transport them to the selected location for stacking.

## Maintenance

Avoid exposing the cylinder to aggressive environments. Pull the roller tips together before long-term storage. Keep the round bale grip clean. Avoid dirt on the hydraulic connections. Before long-term storage, protect shiny parts from rust. Tighten the nuts on the roller tips/spikes after one day's use, and then once a week thereafter.

## Lubrication

Joint bolt for roller tips (4 grease nipples) – grease every 10 hours. Cylinder bolts – oil the bolts every week.

## Technical data

Weight:	400 kg
Length:	1330 mm
Height w/support bracket:	1320 mm
Gripper arm length:	1180 mm
Width:	2480 mm
Max bale diameter:	1200 mm
Max total bale weight:	2700 kg

## Use of the round bale grip

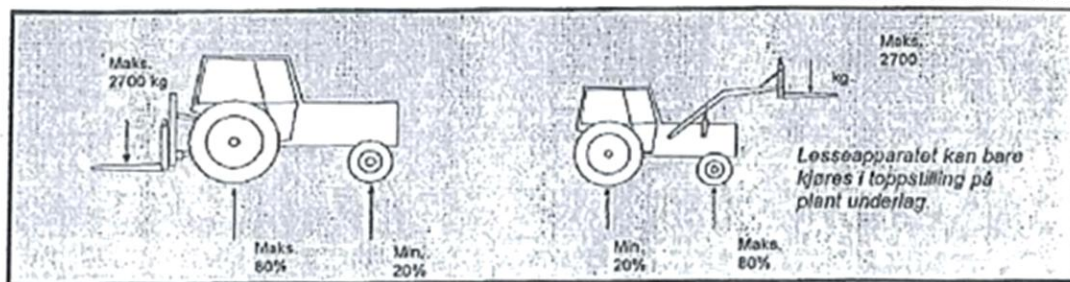


Do not lift more than the equipment is designed for.



Drive carefully with heavy loads on uneven terrain.

## Weight distribution when mounted on the tractor





## SPARE PARTS UM 7806

Ref.	Part no.	Qty.	Item
1	411519	1	Frame welded
2	241162	4	Tine
3	411539	4	Locking angle
4	411541	4	Axle Ø35x220
5	411576 V	1	Hydr. cylinder L
6	411579 H	1	Hydr. cylinder R
7	911296	2	End cap 60x60
8	411742	1	Locking plate for inner arms
9	411743	1	Inner arm L
10	411744	1	Inner arm R
11	411534-100-XL-H	1	Outer arm R
12	411534-100-XL-V	1	Outer arm L
13	411717	4	Roll tines welded
14	411588-1	4	Locking bolt for roll tines
15	867062	4	Pipe locking pin Ø6x40
16	kk241186	4	Nut for tines
17	219669	4	Dofti gasket 1/2"
18	410747	4	Attachment 1/2"
19	852166	4	Nylock nut M16
20	813890	4	Hex. bolt M16x100
21	852162	4	Nylock nut M12
22	813640	4	Hex. bolt M12x40
23	190963	4	ISO coupling 1/2" BSP
24	190964	4	Dofti gasket for ISO coupling
25	190965	4	Dust cap for ISO coupling
26	411121	4	Hydr. hose 45 degr.
27	866650	4	Spacer sleeve Ø12x50
28	860181	8	Washer Ø31xØ56x4
29	873540	4	Grease nipple M6, straight
30	873541	4	Grease nipple M6, 45 degr.
31	411595	4	Nut Ø30-Ø12/142/Ø12



## EU - DECLARATION OF CONFORMITY

### Responsible person

Name                      Atle Årsland  
Position                 General Manager  
Company                 Underhaug AS  
Address                 Torlandsvegen 3  
                              4365 Nærbø, NORWAY  
Phone                    +47 51 43 49 78

### Declares that the following machine:

Manufacturer:         Underhaug AS  
Type:                    *UM 7806 Double Round Bale Grip*  
Serial Number:  
Production Year:

complies with the following directive:

Maximum regulation 554 (for 2009-05-20-554) and meets essential health and safety requirements.

Basic standard ISO 12100

A handwritten signature in blue ink, appearing to read "Atle Årsland".

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Atle Årsland

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Nærbø, date



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