

Operator's Manual

**FENDT**

## IDEAL Series Combine

IDEAL 7

IDEAL 7PL

IDEAL 7T

IDEAL 8

IDEAL 8PL

IDEAL 8T

IDEAL 9

IDEAL 9PL

IDEAL 9T



Breganze

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English

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## 1.1 Introduction

### 1.1.1 Safety symbol

The safety symbol tells you about a potentially hazardous area!

Look for the safety symbol in this manual and on the machine. The safety symbols tell you that there is important safety instructions in the manual.



Fig. 1

### 1.1.2 Warnings

#### **Agricultural accidents can be prevented with your help.**

All accident prevention depends on the full co-operation of the persons using or involved with service or maintenance of the machine.

Most accidents can be avoided by observing simple safety rules.

**The best safety system** is one in which the operator observes all applicable regulations for machine safety and maintenance.

Some of the illustrations contained in this manual were obtained by photographing combine models of the same series, which may be differently equipped. This means that apparent discrepancies may result between your combine and those depicted in this manual.



**DANGER: This symbol is used in this manual whenever your safety is involved.**

**Take the time to read and follow the instructions. Most importantly, be careful!**

**You can never be too prudent.**

**In order to provide a better view, certain photographs or illustrations in this manual may show an assembly with the safety guards open or removed.**

**Fit and close all guards prior to machine operation.**

#### **Personal protection**

Three types of warning signs appear in this manual and on the decals applied to the machine (**Caution**, **Warning** and **Danger**) followed by specific instructions or decals with symbols clearly illustrating the type of hazard.

These instructions involve your safety and the safety of people working nearby.

#### **Pay particular attention to these warnings.**



**CAUTION: Indicates a potentially dangerous situation.**

**If not avoided, it may result in minor injuries.**



**WARNING: Indicates a potentially dangerous situation.**

**If not avoided, it may result in serious injuries.**

## 1. Safety

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**DANGER:** Indicates a potentially dangerous situation.

**If not avoided, it may result in very serious injuries or even death.**

Failure to follow the instructions related to the terms **Caution, Warning** and **Danger** may result in minor or serious injuries or even death.

### Machine safety

Other types of advice (**Note, Important**) are followed by special instructions referring to the safeguarding of the machine.

#### **NOTE:**

*Highlights and describes correct techniques or procedures to be adopted by the operator.*

#### **IMPORTANT:**

*Informs the operator that unless a special procedure is followed, damage, including serious damage, could be caused to the machine.*

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### 1.1.3 Safety signs

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**WARNING:**

Do not remove the safety signs. Replace safety signs that you cannot read, are damaged, or are missing. Clean the machine surface with a weak soap and water solution before you replace the safety signs. Replacement safety signs are available from your dealer.

Always make sure that safety signs are in the correct locations and that you can read the safety signs. Illustrations of safety sign locations are at in this section.

Keep the safety signs clean. If necessary, use a weak soap and water solution.

---

### 1.1.4 A word to the operator

---

It is your responsibility to read and understand the safety section in this manual and the manual for all implements before you operate this machine. You are responsible for your safety. Good safety procedures prevent injury to you and the persons around you.

Make the information in the safety section of this manual a part of your safety procedure. This safety section is written only for this type of machine. Safety is your responsibility. You can prevent injury and death.

This safety section gives basic safety examples that can occur during the operation and maintenance of your machine. This safety section is not a replacement for safety instruction in other sections of this manual.

Injury or death can occur if the safety instruction is not obeyed.

Learn how to operate the machine and how to use the controls correctly.

Do not operate the machine if you do not know how to operate the machine. Do not let persons

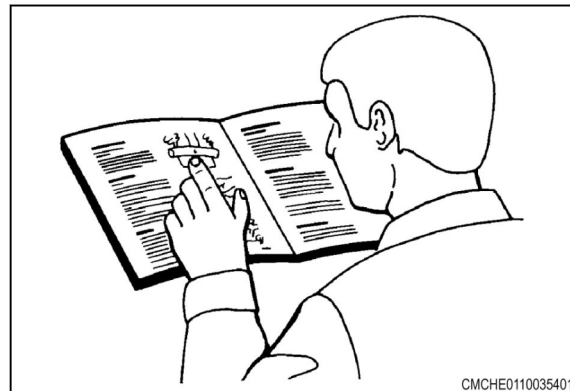


Fig. 2

operate the machine that do not know how to operate the machine.

Follow all safety instructions in the manuals and on the safety signs on the machine, the implements, and the attachments.

Use only approved attachments and implements.

Make sure that your machine has the correct equipment that is necessary by the local regulations.



**WARNING:**

**Do not use alcohol or drugs that can have an effect on alertness or coordination. If you use prescription or 'over the counter' drugs, get medical advice about the safe operation of machines.**



**CAUTION:**

**If attachments or implements used with this machine have a different operator manual, see that operator manual for other important safety instructions.**



**CAUTION:**

**See the engine operation and maintenance manual for other important safety instructions.**



**CAUTION:**

**See the header operator manual for other important safety instructions.**

---

## 1.1.5 This manual

---

This manual covers general safety instructions for this machine. Keep this manual with the machine.

Right and left, as used in this manual, are given as if you are in the operator seat.

The photos, illustrations, and data used in this manual were up to date when published, but in-line production changes can make your machine have small differences. The manufacturer reserves the right to redesign and change the machine as necessary without notification.



**WARNING:**

**In some of the illustrations and photos used in this manual, shields or guards are removed. Operate the machine only with all shields and guards in the correct installed positions. If the removal of shields or guards is necessary to make a repair, they must be installed before operation.**

## 1.2 Operation

### 1.2.1 Prepare for operation

Read and understand the operating instructions and precautions in this manual before you operate or perform service on the machine.

Make sure that you know and understand the positions and operations of all controls. Make sure that all controls are in neutral and the parking brake is applied before you start the machine. Make sure that the steering wheel is in the center position and locked.

Make sure that all persons are a sufficient distance from your area of work before you start or operate the machine. Do checks on the controls and learn all controls in an area clear of persons and objects before you start work with the machine. Know the dimensions of the machine and have sufficient space available for operation. Do not operate the machine at high speeds around persons, buildings, other equipment, etc.

Always use correct procedures when you do tasks around and operate the machine. Do not let children or persons who do not know how to operate the machine operate the machine. Keep other persons away from your area of work. Do not let other persons ride on the machine.

Make sure that the machine is in the good mechanical condition. Make sure that the machine has the correct equipment as necessary by local regulations.

All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of this equipment before you start.

### 1.2.2 General information

When parking, park the machine on a solid level surface and lower the header to the ground. Put all controls in neutral, center and lock the steering wheel, and apply the parking brake. Stop the engine and take the key with you.



**WARNING: Whole body crushing hazard. A loss of hydraulic pressure or movement of the mechanism can cause the raised machine component to fall.**

**Personal injury or death can occur.**

**Install the lift cylinder stops before working on the machine to prevent movement.**

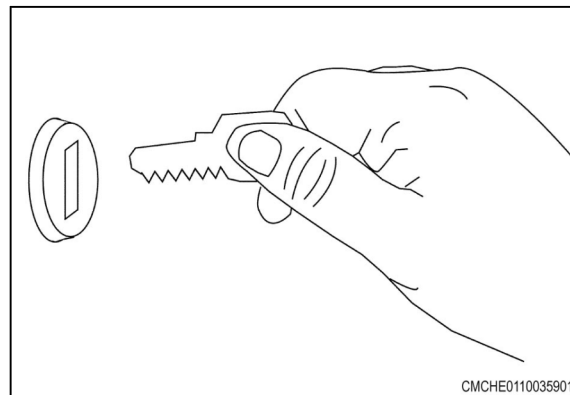


Fig. 3

Make sure the machine is in the proper operating condition according to the Operator Manual.

Always operate the machine with the control console turned on.

Do not dismount from moving machinery.

Stay off slopes too steep for operation.

Be aware of the size of the machine and have enough space available to allow for operation.

Pay special attention because some activated devices (open grain tank extensions, open grain unloading auger, fully raised header, etc.) may affect the stability of the machine.

Do not use the machine in the following situations:

- When the maximum slope of the ground exceeds the maximum slope limit of the machine.
- If the correct tire pressures and correct operation of the levelling system (if equipped) has not been verified.
- If the ground is not firm or has sudden contour changes.
- The tires do not have sufficient traction on the ground.
- Close to the edge of ditches or steep drops.

Stay off slopes too steep for operation. Keep the header as low as possible while going down hills. Never suddenly reverse the wheels to stop or back up.

Where possible avoid operating the machine near ditches, embankments, and holes. Reduce ground speed when operating on rough, slippery, or muddy surfaces and when turning or crossing slopes.



**DANGER: Machine electrical shock and electrocution hazard.**

**Personal injury or death can occur.**

**Keep the machine clear of overhead electrical power lines.**

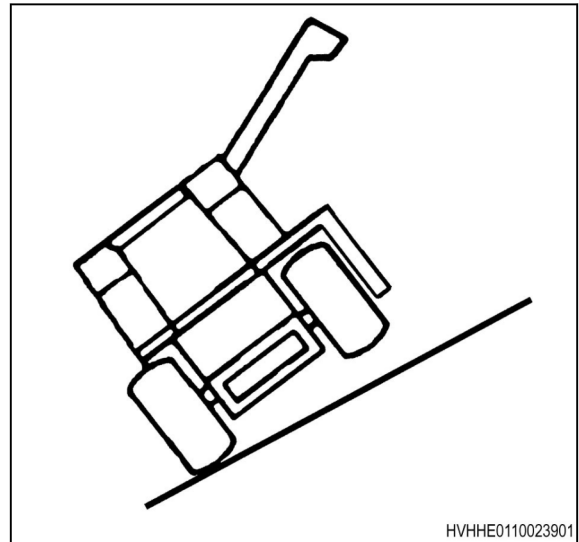


Fig. 4

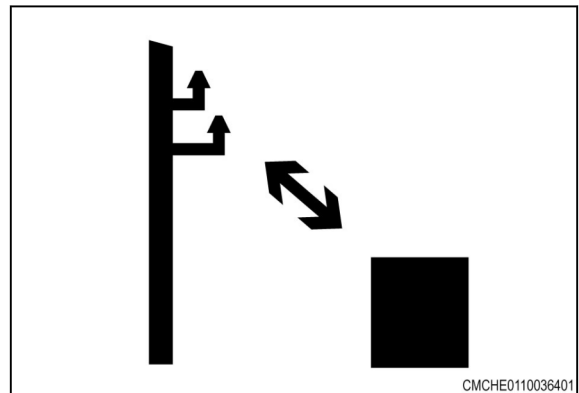


Fig. 5

Pay attention when you open the unloader tube and the grain tank extensions. These parts increase the dimensions of the machine.

### 1.2.3 Emergency situations

Stop the engine if there is an emergency situation.



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### 1.2.4 Personal protective equipment

Put on all personal protective equipment (PPE) and protective clothes that are supplied to you or that are necessary for the conditions and by applicable laws. PPE includes equipment to prevent injury to your eyes, lungs, ears, head, hands and feet.

Always keep hands, feet, hair, and your clothes away from parts that move. Do not put on loose clothing, jewelry, watches, or other items that can tangle in parts that move. Tie up long hair that can also tangle in moving parts.

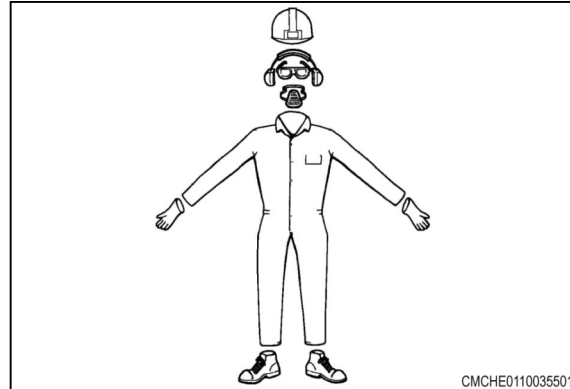


Fig. 6

### 1.2.5 Emergency exit

A hammer for emergency exit is above the right control console. The hammer is to break the right side glass to let you exit the cab in an emergency.

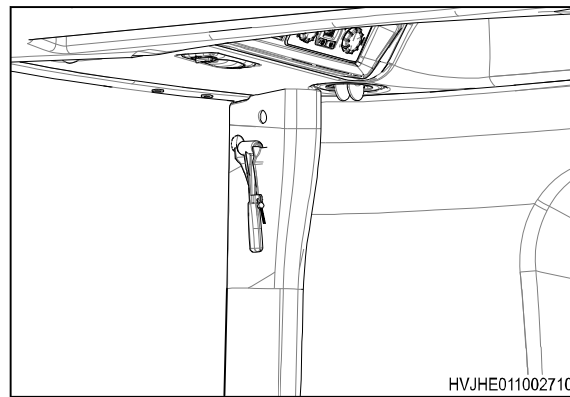


Fig. 7

### 1.2.6 Seat instructions

Put on the seat belt before you operate the machine. Always sit in the seat and have the seat belt on while you operate the machine. Replace the seat belts when they become worn or broken.

Do not use a seat belt loosely. Make sure that there is some tension on the seat belt. Do not wear the seat belt in a twisted condition or pinched between the structural parts of the seat.

Put on the seat belt if the instructional seat is used. Use the instructional seat only to train new operators or to find a problem. The instructional seat is only for short periods of use.

Do not let children use the instructional seat or be in the cab. Do not let other persons use the instructional seat or be in the cab.

Drive the machine at slower speed and on level ground when the instructional seat is used. Do not start, stop, or turn quickly when the instructional

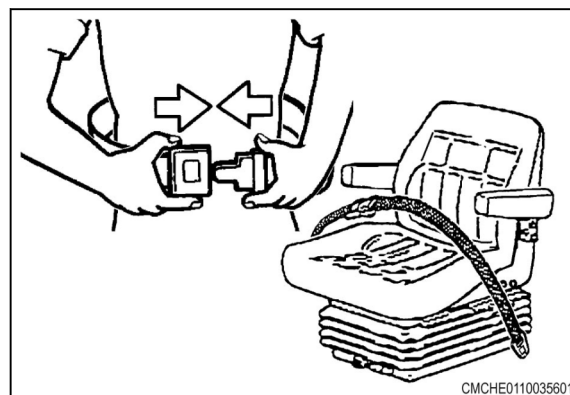


Fig. 8

seat is used. Do not drive on highways or public roads when the instructional seat is used.

**Related Links**

[Operator seat](#) page 275

## 1.2.7 Operator out of seat

Stay in the operator seat when the engine is on.

If you leave the seat when drives are engaged:

- The header and unloader will stop in less than 5 seconds.
- The processor will stop and the engine will decrease to low idle after 10 total seconds.

## 1.2.8 Shield and guards



**WARNING: Entanglement hazard. Belts and components that rotate.**

**Severe personal injury or death can occur.**

**Do not open, remove, or put your hand behind shields if the engine is running. Stop the machine before doing service to the machine.**

All shields and guards must be in the correct position and in good condition. Keep away from the components that rotate.



Fig. 9



**DANGER: Entanglement hazard. Rotating components.**

**Severe personal injury or death can occur.**

**Do not make adjustments or repairs to components while they are moving. Stop the machine before doing service to the machine.**

Do not operate the machine with the drive shaft shields open or removed.

Keep away from the components that turn.

Make sure guards that turn are free.



Fig. 10

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