

**5220 E** *from serial no. 551600298*

**ORIGINAL  
OPERATOR'S MANUAL**

**FENDT**

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# 1. GENERAL INFORMATION

## 1.1 CUSTOMER INFORMATION

### INTRODUCTION

Your new self-propelled combine is manufactured for harvesting seed and cereal crops, for threshing, separating, cleaning and conveying the grain into the tank and depositing the straw on the ground.

This Operator's Manual should be used as a practical reference guide: It contains all the necessary practical information for the operation, adjustment and maintenance of your new machine.

Your combine was designed and built to ensure optimum performance, comfort and ease-of-operation in a wide variety of crops and conditions.

The combine has been thoroughly inspected prior to delivery both at the factory and by your Dealer, to ensure you receive it in perfect condition.

To keep the combine in perfect condition and to ensure trouble-free performance, the periodical maintenance operations listed in this manual should be carried out at the recommended intervals.

**Before operating and/or driving the combine, read this Operator's Manual carefully, paying particular attention to the section on safety rules.**

**Always keep this manual on hand for further reference.**

The terms "left" and "right" are always used with reference to the machine travelling direction.

Should you require further information about the machine, please do not hesitate to contact your authorised Dealer.

Your Dealer provides specially trained personnel, genuine spare parts and the required tools to solve any problems that may arise.

### NOTE:

- *This combine has been designed and built in compliance with the Machine Directive 2006/42/EC. An EC Declaration of Conformity is supplied with the machine (see facsimile on page 1-8).*
- *This manual is published for worldwide distribution, and the availability of equipment shown as standard or optional varies according to the territory in which the combine is to be used. Specifications may differ from those contained in this Operator's Manual according to the customer's requirements.*
- *In order to provide a better view of features or adjustments, certain illustrations in this manual may show an assembly with standard guards, or the guards required by law in different countries, open or removed. **However, a machine should never be operated in this condition. For your own safety, always ensure all safety guards are fitted and closed correctly before operating the machine.***
- *This Operator's Manual, along with the Operator's Manuals for the table and PTO shaft, must always be kept in the compartment under the operator's seat for storage and convenient reference.*

### Company policy

In accordance with the Company's policy of continuous improvements to its products, the Company reserves the right to modify and improve its products whenever necessary and to the required extent, without any obligation to apply such modifications to previously sold products. The information contained in this Manual refers to the current situation at the time it was written. All the data given may vary.

## **1.2 APPROPRIATE USE**

These combines are designed as self-propelled units with a diesel engine.

The machines are manufactured exclusively for usual agricultural purposes, i.e. for harvesting cereal, seed, rice, maize, soya, etc. by cutting or picking-up the crop, threshing and separating the grains from the ears, delivering the grains in the grain tank and unloading them into the grain wagon.

When operating the machine, make sure the cab doors are shut. The operator and instructor, if present, must remain seated in their respective seats with their seatbelts fastened (the operator should not drive the machine when standing).

The machines may be operated only by skilled personnel, who are thoroughly familiar with all the machine's functions and harvesting techniques.

Machine stability is ensured on the following inclinations, on condition that the ground is firm and the tyres offer sufficient grip:

30% (18 °) longitudinally (uphill and downhill).

30% (18 °) crosswise.

These machines are designed for working on level ground to ensure even distribution of the crop inside the machine. **These models HAVE NOT been developed for working on sloping ground.**

### **Forbidden uses**

Do not use the machine for tasks or purposes other than those specified in this Manual, on the safety decals or on other safety information provided with the machine.

The following pages contain recommendations on correct and incorrect use of the machine when travelling on public roads, during field operations and during maintenance.

### **TABLE TYPES**

5220 E combines can be equipped with a 420, 480, 540, 600, 660 or 760 cm cutting table.

**NOTE:** *In this manual, the term “table/s” signifies both the cutting table and the maize header when used generically. The term “cutting table” refers to the assembly consisting of reel, cutting bar, table auger, etc. used to harvest cereal, rice, soya, etc. The term “maize header” refers to the equipment formed by stalk grippers, stripping blades, conveyor chains, etc. used for maize harvesting.*

## 1.3 COMBINE IDENTIFICATION

The combine and its main components are identified by serial numbers and/or production codes. The position of the different identification data is described below.

**NOTE:** Always quote the combine serial number when contacting your Dealer for spare parts or assistance.

### Combine approval and safety plates - Fig. 1 and Fig. 2

The manufacturer's type plate (1), statutory for all countries, or (2), for France only, is positioned on the outer right-hand side of the operator platform and shows the following information:

- Combine type.
- Approval number.
- Combine serial number.
- Weight (on both axes).
- Towing weight.

For further details, please refer to the type approval certificate.

The safety plate (3) is located next to the approval plate, and guarantees that the combine was built in compliance with Machinery Directive Directive 2006/42/EC as well as Directive 2004/108/EC.

This plate shows the following information:

- Year of manufacture and year of use.
- Model.
- Combine serial number.
- Crop type.
- Total weight (normal configuration).
- Maximum towing weight.
- Maximum vertical load on the trailer hitch.

In certain countries (e.g. Russia) the manufacturer's type plate is positioned next to another plate corresponding to the type approval.

### Combine identification details

Fig. 3

Combine type and serial number appear on the plate and are also punched into the rear right-hand side of the frame (1).

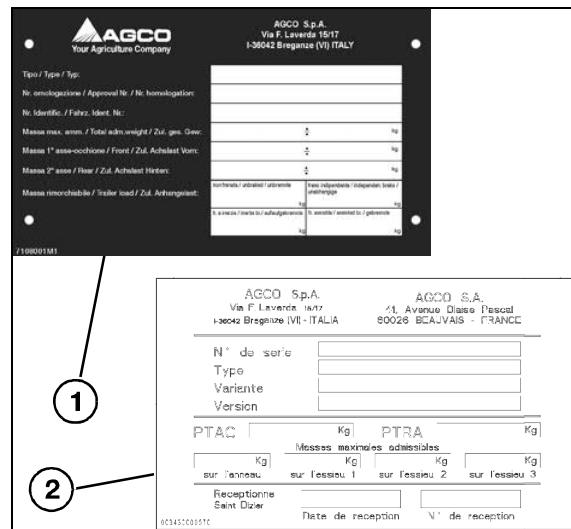


Fig. 1

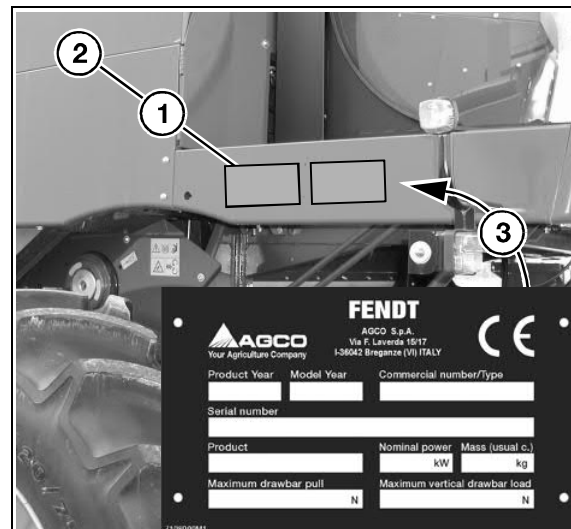


Fig. 2

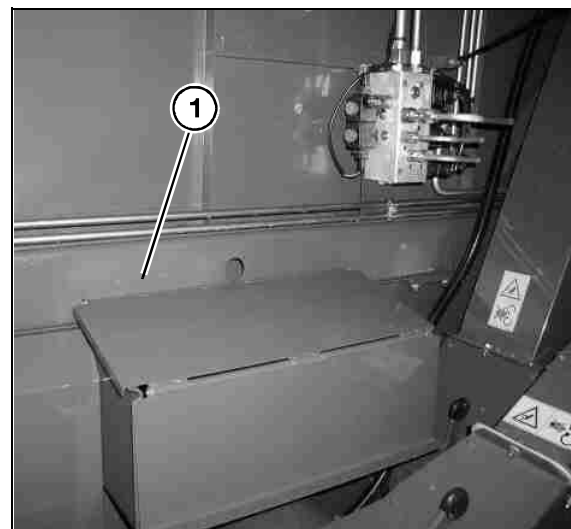


Fig. 3

**Engine identification - Fig. 4**

The engine is identified by the plate (1) stating:

- Engine manufacturer
- Engine type
- Engine power and rated speed
- Engine serial number
- Valve clearance
- Customer reference code
- Idling speed
- Compliance with Directive 97/68/EC
- Name of the engine assembler.

The engine serial number is always also stamped on the cylinder block.

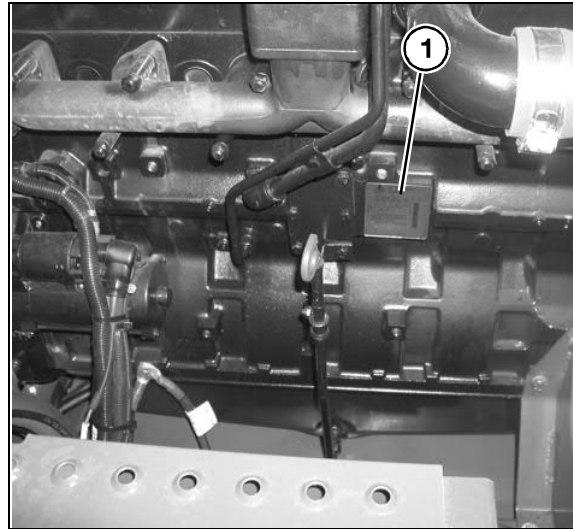


Fig. 4

**Straw chopper identification (if fitted) - Fig. 5**

The type plate is located on the right-hand side next to the straw chopper rotor support.

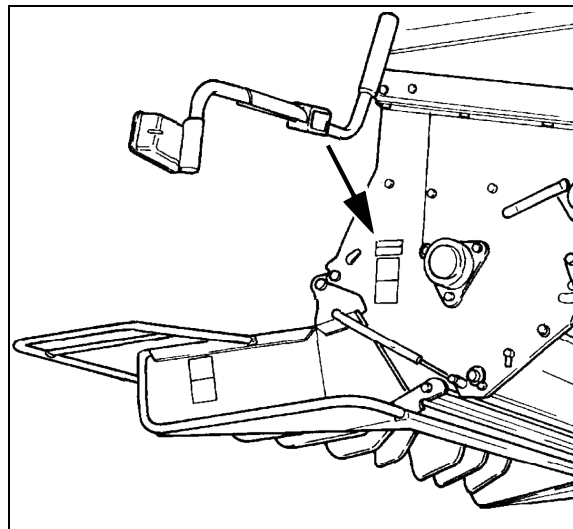


Fig. 5

**Cutting table identification details - Fig. 6**

The type and serial number are stamped on the type plate located on the left-hand side of the frame.

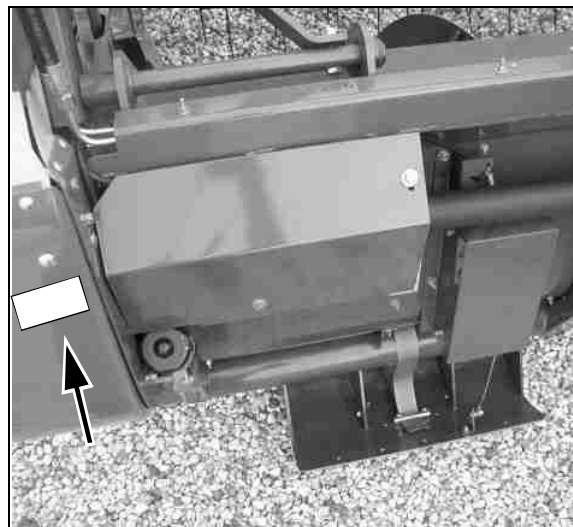


Fig. 6



## **GENERAL INFORMATION**

### **Cab identification**

Fig. 7

The cab identification plate is located on the lower left-hand corner of the driver's seat.

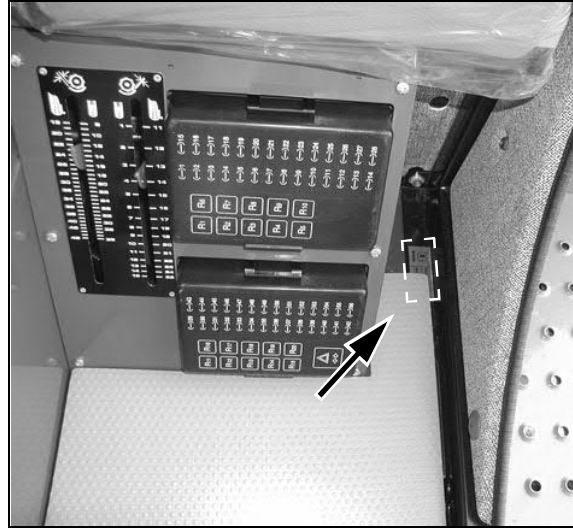


Fig. 7

### **Hydrostatic pump identification**

Fig. 8

The type plate is located on the front part of the pump.

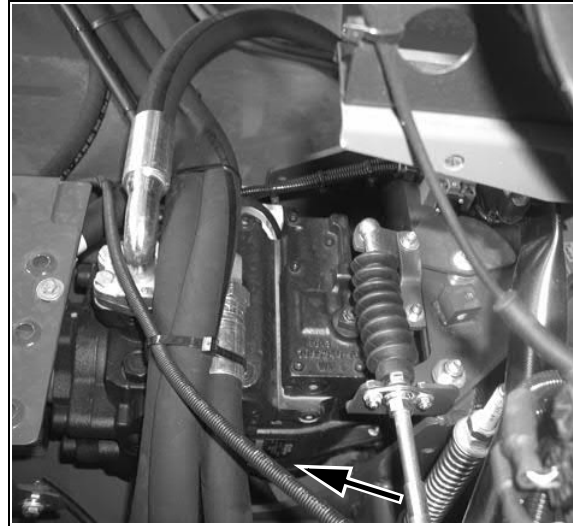


Fig. 8

### **Hydrostatic motor identification**

Fig. 9

The type plate is located on the lower part of the motor.

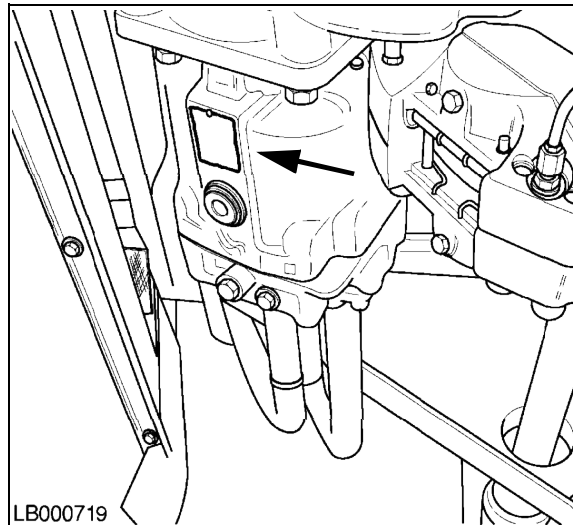


Fig. 9

**Chaff spreader identification (if fitted) - Fig. 10**

The type plate is located on the right-hand side next to the chaff spreader adjustment lever.

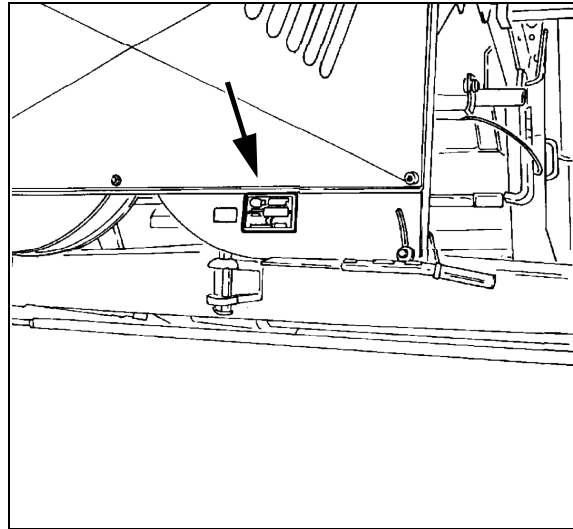


Fig. 10

**Trailer hitch identification (if fitted) - Fig. 11**

The plate is positioned on the right-hand side of the trailer hitch.

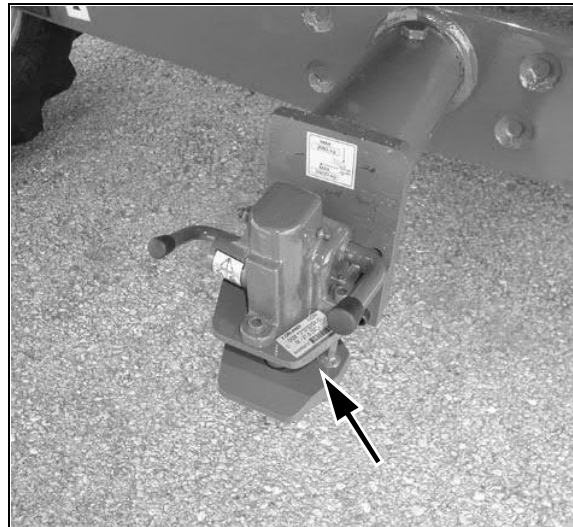


Fig. 11

# GENERAL INFORMATION


Please enter the identification details of your combine for convenient reference:

- Combine model .....
- Combine serial number .....
- Engine type and serial number .....
- Cab serial number .....
- Straw chopper serial number .....
- Cutting table serial number .....
- Date of initial start-up .....
- Dealer's telephone number .....

## EC Declaration of Conformity

The EC Declaration of Conformity, the front and reverse sides of which are shown below, certifies that **the combine was designed and built in compliance with the regulations currently applicable within the European Community.**

The cutting table has its own Declaration of Conformity.

 <p><b>AGCO S.p.A.</b> Via F. Laverda 15/17 36042 Breganze (VI) Italy</p>	<p><b>IT</b> DICHIARAZIONE DI CONFORMITÀ CE IN CONFORMITÀ ALLE DIRETTIVE 2004/42/CE E 2004/170/CE</p> <p>E' IL SUO RAPPRESENTANTE AUTORIZZATO..... 2</p> <p>DECLARA SOTTO LA PROPRIA RESPONSABILITÀ CHE IL MEZZO AGRICOLA CON LA FUNZIONE DI: MULINO..... 3</p> <p>MODELLO..... 4</p> <p>NUMERO COMMERCIALE..... 4</p> <p>NUMERO DI SERIE..... 5</p> <p>IL SOGGETTO DELLA PRESENTE DICHIARAZIONE E' CONFORME ALLA RESPONSABILITÀ DELLA DIRETTIVA 2004/42/CE, MODIFICATA DALLA..... 6</p> <p>E DELLA DIRETTIVA 2004/170/CE..... 7</p> <p>INDICA, MODELLO E FIRMA DELLA PERSONA AUTORIZZATA: 8</p> <p>LUOGO E DATA..... 9</p>	<p><b>FR</b> DECLARATION DE CONFORMITE CE SECON LES DIRECTIVES 2004/42/CE E 2004/170/CE</p> <p>DECLARE, SONS NOMME SEULE RESPONSABLE, QUE LA MACHINE AGRICOLE AVEC POUR FONCTION: MULLINO..... 3</p> <p>MODELE..... 4</p> <p>NUMERO COMMERCIAL..... 4</p> <p>N° DE SERIE..... 5</p> <p>BASANT COLITE DE LA DECLARATION CE CONFORME AVEC RESPONSABILITE DE LA DIRECTIVE 2004/42/CE, MODIFIEE PAR..... 6</p> <p>OBJET DE VUE PRECISPEURS DE LA DIRECTIVE 2004/170/CE AERENDE PAK..... 7</p> <p>NOM, FONCTION ET SIGNATURE DE LA PERSONNE AUTORISEE..... 8</p> <p>LIEN ET DATE..... 9</p>	<p><b>DA</b> EU-ØVERENSSTEMMELSEERKLÆRING I OVERENSSTEMMELSE MED DIREKTIV 2004/42/EF OG 2004/170/EF</p> <p>OG VORES AUTORIZSEREDE REPRÆSENTANT..... 2</p> <p>ERKLÆRER UNDER DETTE ANSVAR, AT LANDBRUGSMASKINEN MED FUNKTION AF: MULLINER..... 3</p> <p>MODEL..... 4</p> <p>FABRIKNUMMER..... 4</p> <p>SERIENUMMER..... 5</p> <p>EN ER OVERENS ET I OVERENSSTEMMELSE MED ERKLÆRTE ØVERENSSTEMMELSE MED DIREKTIVENE I BREVET 2004/42/EF AERENDE PAK..... 6</p> <p>SAKT BEKREFTET/SENE I OVERENS 2004/170/EF, AERENDE PAK..... 7</p> <p>UNDERSKIFT/STYREMANNSKEDS NAVN, TITTEL OG BEOUDENHED..... 8</p> <p>STED OG DATO..... 9</p>
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