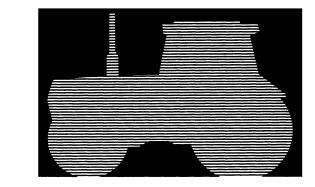
Fiat F 100 F 110 F 120 Operator's Manual F 130 Turbo

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Fiatagri. One exclusive vocation: Agriculture.

The Fiatagri brand name stands today for the most complete and exhaustive line of agricultural machinery products on the market. FIATAGRI sums up all the image and prestige of the trademarks representing it out in the field: FIAT tractors, Laverda combine harvesters, Hesston hay and forage harvesting machines and Braud multi-purpose trailed and self-propelled grape harvesters. That is why FIATAGRI, with the most complete and advanced full-line in Europe, is a real specialist, responsible for the design, engineering, manufacturing and marketing of all of its product lines. Being part of the FIAT Group, it avails itself of the accompanying resources and scale economies to achieve always further results in product development. Experience, tradition and constant innovation are the major features which have made possible for the FIATAGRI products to become undisputed, foreline protagonists on the world scene, as witnessed by the high-standing image and preference accorded by farmers everywhere.





F100 F110 F120 F130 Turbo

OPERATION

MAINTENANCE

SPECIFICATIONS



WORK SAFELY - ALWAYS



This warning sign alerts you about important messages involving your safety.

Read these safety rules attentively and strictly follow suggested precautions designed to avoid any potential danger and safeguard your health and personal safety.

You will find, throughout this Manual, the above warning sign associated with the following keywords:

ATTENTION - A warning intended to prevent unsuitable repair procedures with potential consequences to the repairman's safety.

DANGER - Associated with warnings for specific potential danger to the repairman and to any other people directly or indirectly involved.



This tractor has been designed and manufactured specifically and solely for agricultural use.

Any other application will be considered non compatible with the use envisaged by the Manufacturer, who, consequently, cannot be held responsable for any damage to things or to the machine itself of for any physical injury to people deriving from uses other than agricultural ones. Always consider that with the improper use of this tractor you would also assume the personal responsibility for any consequence associated with it.

The respect of the rules for tractor use, maintenance and repairs given in this Manual is an essential element qualifying the correct use of the machine as envisaged by the Manufacturer. This machine must be used, serviced or repaired only by people previously instructed on its handling features and safety rules besides being specifically authorized to operate it.

The user is always reponsible for the strict observance of general safety and accident prevention rules as well as of the traffic regulations if driving the tractor on public or open roads. Any un-authorized and arbitrary modification made on this machine will relieve the Manufacturer of all responsibilities for any deriving damage or injury.

The Manufacturer and all the Organizations associated with its distribution network, including but not limited to national, regional or local distributors, decline any and all responsibilities for damages that may derive from the abnormal performance and behaviour of machine parts or components not specifically authorized by the Manufacturer, including the ones used for the maintenance and/or repair of products fabricated or distributed by the Manufacturer.

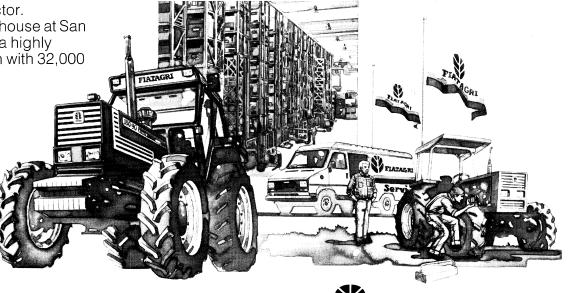
In any case, no warranty of any sort is issued or prescribed, regarding products fabricated or distributed by the Manufacturer, against damages deriving from abnormal behaviour of parts and/or components not authorized by the same Manufacturer.

Spares and after-sales service always close at hand

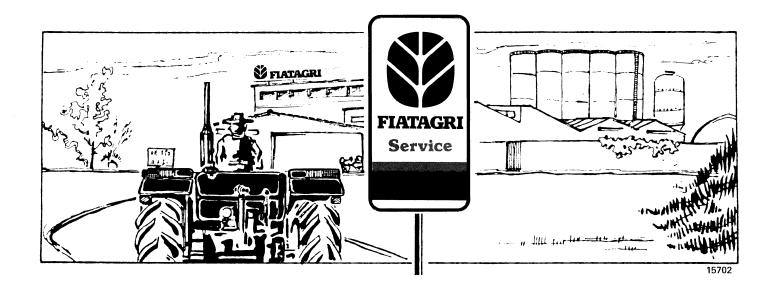
When you buy a Fiatagri agricultural machine, you also get something that does not catch the eye, but may well prove its worth in the future, namely, the company's large and efficient after-sales and spares organization, the largest in Italy in the agricultural mechanization sector. At the central warehouse at San Matteo (Modena), a highly modern installation with 32,000 m² of buildings equipped with electronic handling and retrieval systems, a total of 21 million spare parts of more than 220,000 different items are held in store.

The Centre can handle up to 5,000 orders per day.

Added to Fiatagri's efficient organization and fast service is the superior quality of its original spare parts - the quality that ensures that a Fiatagri agricultural machine never loses its value as time goes by.







Service

An extended network of **FIATAGRI Authorized Dealers**, equipped with all necessary means to perform any repair and overhaul work, is at your disposal. Turn to these dealers in full confidence. You will benefit from the assistance and know-how of skilled servicemen. FIATAGRI's experience is at your service to help you solve any problem related to tractor operation and use.

Spare parts

Use genuine FIATAGRI parts only. Failure to do this will:

- cost you more;

- not result in complete satisfaction;

- risk im proper functioning of the tractor.

Original spares are sold by the FIATAGRI Sales and Service Organization.

When filling your orders be sure to quote (see page 7):

- Tractor Model and Frame Number.

- Engine Type and Number.

- The Part No. of the spare needed (listed in the Spare Parts Catalogue).

Servicing

These tractors were designed with the Owner in mind and all efforts have been made to simplify servicing.

The purpose of this handbook is to familiarise the operator with the operation and regular servicing of the tractor.

Remember that the time spent on maintenance extends the life of your tractor.

Pay special attention to the instructions covering fuel filtering, air cleaner maintenance and lubrication.

Badly filtered fuel results in injection system deterioration and irregular air cleaner maintenance leads to premature engine wear, note that a tractor oil change every 200 hours is equivalent to a truck oil change every 8,000 to 9,000 km.

Weathering Protection

FIATAGRI has long since introduced a number of provisions aimed at improving tractor protection against deterioration and corrosion caused by external factors including:

- Atmospheric salinity and humidity;
- Air pollution (industrial areas);
- Abrasion by solid particles;
- Use of machine in conditions with organic and/or chemical aggressive agents;
- Physical damage such as dents, scratches and deep scoring marks.

The technical remedies were:

- Use of steel panels with high corrosion resistance;
- Painting systems and products selected to give the tractor special resistance to corrosion and abrasion;
- Application of suitable plastic setting coatings in the points most exposed to corrosion factors (sheet metal edges, welded overlaps and joints).

Unfortunately, weathering agents react differently in different environmental conditions; adequate tractor care by the user is therefore of vital importance in maintening the tractor. The guidelines below were drawn up with this basic concept in mind.

Bodywork and Cab

Any abrasion or deep scratches which reveal the metal underneath must be dealt with immediately by touching up the paintwork using genuine products as follows:

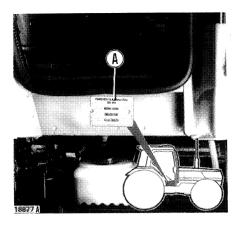
- Sand the area involved carefully;
- Apply primer;
- Allow to dry and sand again lightly;
- Apply paint;
- Polish to restore original gloss.

Hose down equipment regularly as appropriate to working and environmental conditions; wash more frequently in seaside and heavily polluted areas and *immediately* after exposure to organic materials or chemicals.

Use a low pressure hose and sponge down with a light detergent solution (2 to 4% in water), rinsing the sponge often. Rinse the equipment thoroughly and dry with compressed air if possible.

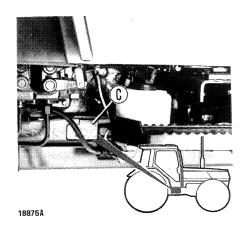
Do not wash the tractor after prolonged exposure to sunlight or when the engine hood is still warm as this will impair the gloss.

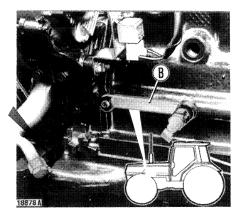
Protect the paintwork by applying a light coat of silicone wax occasionally, and use a slightly abrasive polish to remove traffic film.



Tractor identification data:

A = Tractor data plate indicating chassis and Engine Type.

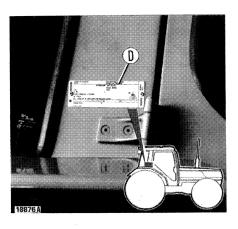




B = Engine Type and Number.

C = Chassis Type and Number.

D = Cab data plate.



Safety precautions

GENERAL

■ Your tractor was designed with safety very much in mind. However, there is no real substitute for caution and attention in preventing accidents. Once an accident has happened it is too late to think about what you should have done.

- Read this manual carefully before attempting to start, operate, service or refuel the tractor. A few minutes reading will save time and trouble later.
- Read and heed all machine mounted safety stickers before refueling or servicing the machine and replace any missing stickers.
- Remember that your tractor has been designed exclusively for agricultural use. Any other application must first be authorized by the manufacturer.

■ Some parts installed on your machine, such as friction and sealing components like gaskets, brake,

clutch discs and heat insulation may be made of asbestos-base materials. Replacement parts packaging containing these items are labelled with this warning symbol:



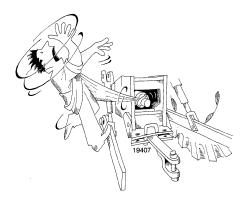
Inhaling asbestos powder is dangerous to health. Always, when working with parts containing asbestos, the following precautions are a must:

- Any asbestos powder found on the machine or produced working on its components must be removed an eliminated by extraction methods, never by dusting, blowing or brushing.
- Asbestos powder resisues must be completely dampened, put inside properly identified containers to make sure they will be safely disposed of.
- Should components containing asbestos need to be cut, drilled or ground, the part should be dampened in the first place and then processed exclusively by hand tools or power tools operated at low speeds.

■ The tractor should be operated only by responsible persons suitably trained and duly authorized.

Keep a first aid kit handy.

Do not work with loose garments that could get caught in moving parts. Check that all rotating parts connected to the PTO shaft are well shielded



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