

MAINTENANCE MANUAL

TELESCOPIC
HANDLERS
XRM
WITH FIXED
BOOM

Cod. AXH1106/UK



AHERN
RENTALS, INC.
230876 DIECI
CQ06B
28149-000
MANUAL, OPERATORS, XRM519, XRM



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ATTENTION: ALWAYS KEEP A COPY OF THIS MANUAL ON THE MACHINE AT THE OPERATOR'S DISPOSAL

EVERY TELESCOPIC LIFT COMES WITH A COPY OF THE MANUAL HEREIN, WITH A COPY OF THE USER AND MAINTENANCE MANUAL OF THE MOTOR WRITTEN BY THE MANUFACTURER OF THE SAME AND WITH A COPY OF THE USE AND MAINTENANCE MANUAL OF EACH DEVICE OR PIECE OF EQUIPMENT WITH WHICH THIS MACHINE IS RIGGED-OUT.

THESE MANUALS ARE WRITTEN BY THE RESPECTIVE SUPPLIERS OR THEY ARE REPRODUCED IN FULL AND EXACTLY BY DIECI FOLLOWING SPECIFIC AUTHORISATION OF THE SUPPLIERS: THEY MAY BE FURTHER COMPLETED WITH OTHER SPECIFICATIONS WRITTEN BY DIECI.

Original title:
Use and Maintenance instructions Telescopic Elevators mod. XRM whit fixed boom
Dieci-092005
MTKeR

IMPORTANT INFORMATION

The whole documentation supplied is integral and essential part of the product and shall be kept in an easily accessible place for all users, who shall read everything written in such documents very carefully before starting to use the equipment.

It is forbidden to use the machine or its accessories improperly or unreasonably, just like it is forbidden to make modifications that may alter the structure or operating performance.

Dieci Srl is not liable for damages caused through the use of non-original spare parts



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IT IS FORBIDDEN TO REPRODUCE THE CONTENTS OF THIS MANUAL, NEITHER PARTIALLY NOR TOTALLY: Dieci S.r.l. SAFEGUARDS THESE RIGHTS ACCORDING TO LAW.

DIECI S.r.l. RESERVES THE RIGHT TO MODIFY THE CHARACTERISTICS OF THE PRODUCTS IN THE AIM TO POSSIBLY IMPROVE AND DEVELOP THEM. THE DETAILS OF THE MANUAL HEREIN THEREFORE ARE SIMPLY INDICATIVE.

Cod.AXH 1106/UK

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Dear customer,


I would like to congratulate you and thank you for having chosen a  vehicle.

This handbook has been prepared so that you may appreciate the qualities of this vehicle to the full.

We strongly recommend that you read this handbook in its entirety before using the vehicle for the first time.

It contains information, advice and important warnings for use which will help you to fully exploit the technical advantages of your  vehicle.

You will discover its features and particular devices; you will also find essential information for the maintenance of your vehicle, for safety when driving it and to prolong the life of your  vehicle.

The  staff who will be at your assistance, wish you all the best, certain that this handbook will prove an invaluable aid to fully appreciating your new vehicle.

Our best regards.

Sales management

Dear customer,

I would like to congratulate you and thank you for having chosen a **Ford** vehicle.

This handbook has been prepared so that you may appreciate the qualities of the vehicle to the full.

We strongly recommend that you read this handbook in its entirety before using the vehicle for the first time.

It contains information, advice and important warnings for use which will help you to fully exploit the technical advantages of your **Ford** vehicle.

You will discover its features and particular devices. You will also find essential information for the maintenance of your vehicle, for safety when driving it and to prolong the life of your **Ford** vehicle.

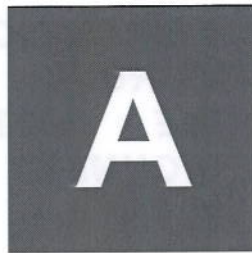
The **Ford** staff who will be at your assistance, with you all the best. Contact your **Ford** dealer for more information and to fully appreciate your new vehicle.

Yours sincerely,

Sales management

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INTRODUCTION GUARANTEE VEHICLE IDENTIFICATION





- ATTENTION:

USE OF THE VEHICLE IS LIMITED TO THE TYPE OF CONTROLS AND ACCESSORIES CHOSEN BY THE CUSTOMER (optional).

DIECI COMMERCIALISES VARIOUS TYPES OF TELESCOPIC ELEVATORS WITH DIFFERENT CONTROLS AND ACCESSORIES.

LEARN HOW TO USE YOUR VEHICLE CORRECTLY AND SAFELY, TOGETHER WITH THE CONTROLS BEFORE STARTING TO USE IT BY READING THE SECTION REGARDING THE TYPE OF CONTROLS OR ATTACHMENT YOU HAVE PURCHASED.

INTRODUCTION

The purpose of this manual:

is to provide the owner and Operator with instructions for efficient and safe use and maintenance of the telehandler.

Following these instructions carefully will allow you to obtain full efficiency and a long working life from your vehicle, and will help to make your work considerably easier.

Furthermore this Use and Maintenance manual is supplied to you directly by the Dealer upon delivery of the vehicle, in order to make sure that you understand all the instructions correctly. However, should you have trouble understanding any part of this manual, do not hesitate to contact your nearest Dealer for clarification, as it is of utmost importance that the operation and maintenance guidelines be fully understood and carefully observed. Routine maintenance should be carried out regularly, keeping a record of the vehicle's working hours.

When spare parts are required, it is essential that only genuine spare parts be used. These can be supplied by your Local Dealer who can also provide advice and instructions for installing and using them. The use of non-genuine spare parts may cause damage to other parts of the vehicle. We, therefore, advise our customers to purchase any spare parts required only from an authorised Agent or Dealer.

Should the vehicle be destined for use in particularly severe conditions (for example on clayey or muddy terrain), we advise consulting your nearest dealer for specific instructions. Failure to observe these instructions may result in the annulment of the vehicle's guarantee.

NOTE: This manual has been published for worldwide distribution and the availability of certain equipment referred to from time to time as being essential or available on request may vary according to the geographical territory in which the vehicle is being used. You can obtain all necessary details about the equipment available in Your area from your nearest Distributor or Dealer.

NOTE: Due to manufacturing demands, machines from the standard production range may have certain details which differ from those mentioned in this manual. The company reserves the right to make such modifications without giving notice.

WARNING: in some of the illustrations, panels or guards have been removed in order to obtain a clearer illustration. Never use the vehicle without these panels or guards.



ATTENTION and WARNING

These words and symbols are used throughout this manual and on stickers to indicate operations that may endanger parts of the vehicle (WARNING) or the safety of the operator (ATTENTION). Always read the instructions very carefully when you find:



- ATTENTION or WARNING alongside this symbol.

NOTE: the left and right sides of the vehicle as referred to in this manual are to be considered looking at the truck from the back towards the front, or from the position of the operator in the driver's seat.

GUARANTEE**Guarantee: duration, validity and taking effect****Guarantee: duration**

- The firm DIECI s.r.l. (hereinafter referred to as DIECI), guarantees its products for 12 months from delivery date to the end customer, but not exceeding 18 months from the date the vehicle left the manufacturer's plant (in sales to distributors or dealers).

Guarantee: validity

- The guarantee is valid from the beginning date on the "certificate of guarantee". When delivery is handled by the distributor or dealer, DIECI reserves the right to verify that the beginning date on the guarantee corresponds to the shipping or delivery date on the transport document for the product being guaranteed, and/or to the invoice date and may ask to see the original copies of these documents.

Guarantee: taking effect

- The "certificate of guarantee" must be filled in completely upon delivery of the product, directly by DIECI or by authorized distributors or dealers. The guarantee goes into effect automatically if the "certificate of guarantee" is filled in by DIECI. If the dealer or distributor fills in the certificate, sending a copy to DIECI, also by fax or by e-mail, the guarantee will go into effect within 8 days from the date the product was delivered.

Guarantee: extent**GUARANTEE IN COUNTRIES WITH ASSISTANCE CENTRES**

- The guarantee covers the replacement or repair of faults which have been proven defective in terms of material, manufacture or assembly.
- DIECI reserves the sole right to judge whether to repair or to replace defective parts.
- DIECI shall respond to claims using the means and methods it deems most appropriate.

DIECI shall be responsible for:

- Materials used.
- Labour.
- Travelling and accommodation expenses.

The customer shall be responsible for:

- Packing and shipping costs for spare parts
- Any other possible expenses not listed under those for which DIECI is liable.

GUARANTEE IN COUNTRIES WITH NO ASSISTANCE CENTRES

- This consists exclusively of free supply, ex works from DIECI's plant, of replacements for parts proved to be of faulty material, faulty manufacture and/or assembly.

EXAMINING REPLACED FAULTY PARTS

- DIECI, before acknowledging the guarantee, may ask for any faulty parts replaced during repairs, to be returned with shipping costs to their charge.

Additional guarantee for repairs and replacement parts

- Any repairs done under or out of the guarantee, and spare parts replaced during repairs, are guaranteed for 3 months from the date of repair or installation, if the original guarantee has expired.

Guarantee: request for repair under guarantee**Guarantee: reporting a fault or faulty part**

- The report must be made by the end user, or dealer, or distributor or by an authorised repair shop and must be sent directly to DIECI's customer assistance office, within no more than 8 days of the occurrence of the malfunction. The report must include a clear description of the malfunction and precise references to the vehicle (type, model and serial number). This information can be found on the vehicle in the positions indicated in the OPERATION AND MAINTENANCE MANUAL.

OBLIGATION TO IMMOBILISE THE VEHICLE

- If there is a risk that the malfunction may jeopardise safety and accident prevention or may cause further damage, it is obligatory not to use the vehicle until it has been repaired and tested.

Guarantee: excluded from the guarantee

The following conditions and parts are excluded from the guarantee:

- Components subject to wear or deterioration due to prolonged use: clutch, belts, brake pads, shoes, rollers, oils and fluids, filters, etc.
- Electrical circuits and components.
- Damage caused by: climatic factors, natural disasters, acts of vandalism, etc.
- Any other malfunction not due to an ascertained original fault or which does not come under DIECI's liability.

The following parts are also excluded from this guarantee and are covered by the guarantee of the Relevant Manufacturers:

- Diesel engines
- Axles and reduction gears
- Pumps and hydraulic engines
- Tyres.

DIECI shall handle the application of the guarantee for these parts.

Causes for: non-effect, non-acknowledgement, termination of the guarantee

Guarantee: non-effect

The guarantee does not come into effect:

- If a copy of the "certificate of guarantee" has not been sent to DIECI, or if it has been sent late, or has not been filled in completely, or has not been filled in by the proper authority.

Guarantee: non-acknowledgement

The guarantee is not acknowledged:

- If the malfunction is not reported following the prescribed method and within the established time limit.
- If DIECI's request for the return of any faulty parts replaced during repairs is not complied with.
- If the obligation to immobilise the vehicle is not complied with, the guarantee is not acknowledged for any damage caused by noncompliance.

Guarantee: termination

The guarantee is terminated:

- If the buyer does not fulfil payment obligations according to contract.
- If damage has been caused by carelessness, negligence, or by use that does not comply with the specifications given in the operation and maintenance handbook (incorrect manoeuvres, overloading, use of incorrect fuel, poor maintenance, failure to use warning instruments etc.).
- If the malfunction has been caused by applications, attachments, modifications or repair work not authorised by DIECI or carried out using faulty spare parts. (For this reason, we recommend always using genuine spare parts).

* For "recommended periodic maintenance" refer to the OPERATION AND MAINTENANCE MANUAL.

Final terms

- In case of non-effect, non-acknowledgement and termination of the guarantee, the buyer shall in no circumstance be granted annulment of the contract, payment of damages, or an extension of the guarantee.
- Any conditions subject to guarantee other than those listed above must be agreed upon in writing and signed by both parties.

Any machine modification implies a new verification of conformity with the directive 98/37 " CE " such a procedure is is even worth in the case of repairs with non original spare parts.

In case of dispute, the Court of Reggio Emilia - ITALY, shall be recognised as the ultimate authority.

IDENTIFYING YOUR VEHICLE

VEHICLE MODELS

- The manufacturer offers a range of vehicles which are similar, but with different technical specifications and performances.
- When consulting any table or illustration given in this manual or on the vehicle itself, always refer to the model code number for your vehicle.

TELESCOPIC ELEVATORS mod. XRM. whit fixed boom

LIABILITY

- The vehicles are manufactured in compliance with EEC regulations in force when the vehicle was made available for purchase.
- Failure to observe the user and safety regulations or the use of the machine in less than perfect working condition may cause an accident punishable by law.
- The manufacturer is not liable for any injury to persons, or damage to things or animals caused by improper use of this vehicle or by any unauthorised structural modification, application or transformation.
- The manufacturer reserves the right to carry out any possible modifications to the vehicle for technical or commercial reasons without notice.

IDENTIFYING THE TELESCOPIC ELEVATOR

The vehicle can be identified by the serial number punch marked on the front part of the chassis and inside the cab. In addition to this, the engine has its own serial number punch marked on the engine block itself.

To ensure prompt and efficient service when ordering spare parts or when requesting information or technical explanations, always give the engine and chassis serial number.

Chassis serial number

Engine serial number

Cab serial number

Type of vehicle

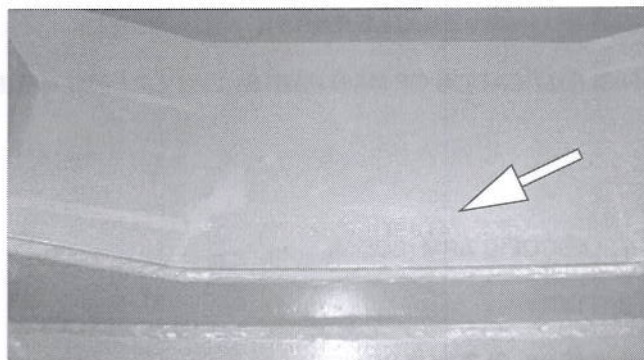
Owner/ Operator

Dealer's or agent's address

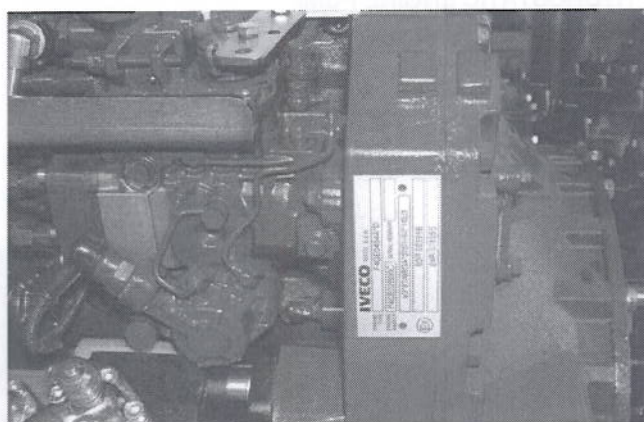
Delivery date

Guarantee expiry date

NOTE:
 The elevators known commercially as Samson, Icarus, Runner, Dedalus and Zeus have been punch marked (type approval code) (see the first 3 numbers punch marked on the chassis).



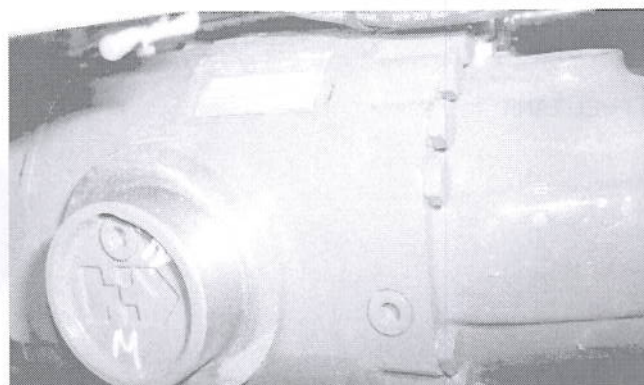
A - Chassis type and serial number



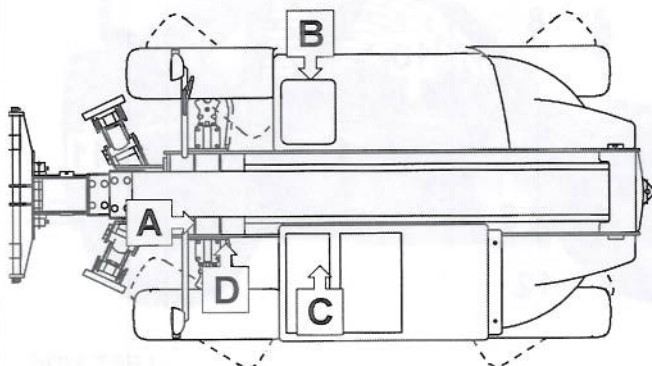
B - Engine serial number



C - Essential data



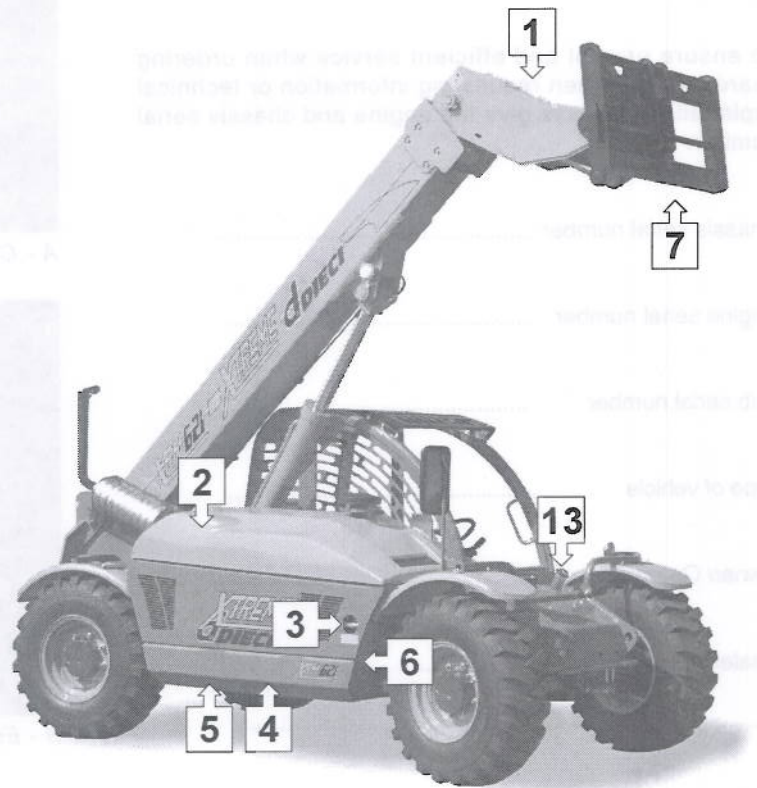
D - Axle serial number



IDENTIFYING VEHICLE PARTS

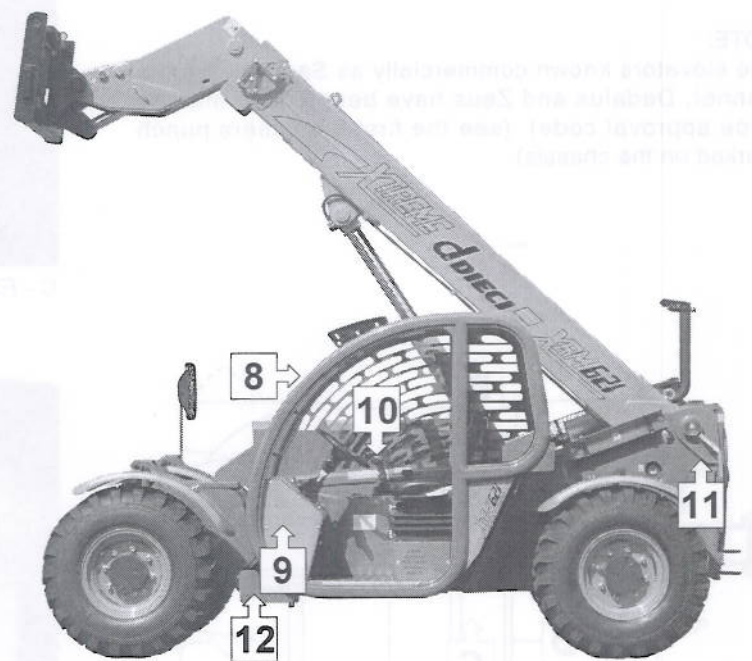
VEHICLE: LOCATION OF MAIN PARTS - LIST OF PART NAMES

- 1) TELESCOPIC ARM (BOOM)
- 2) BATTERY
- 3) BATTERY CUT OUT DEVICE
- 4) HYDROSTATIC ENGINE PUMP
- 5) DIESEL ENGINE
- 6) RADIATOR
- 7) ATTACHMENT HOLDING PLATE



RIGHT SIDE

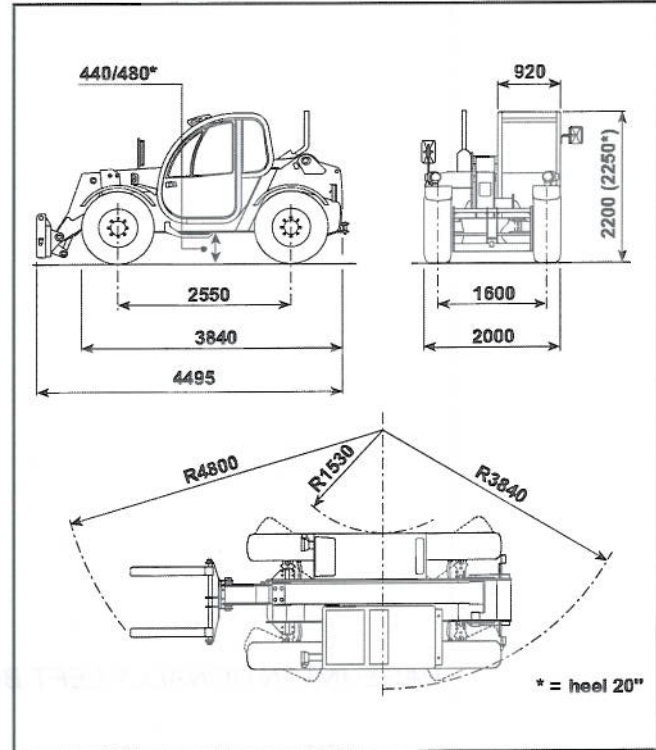
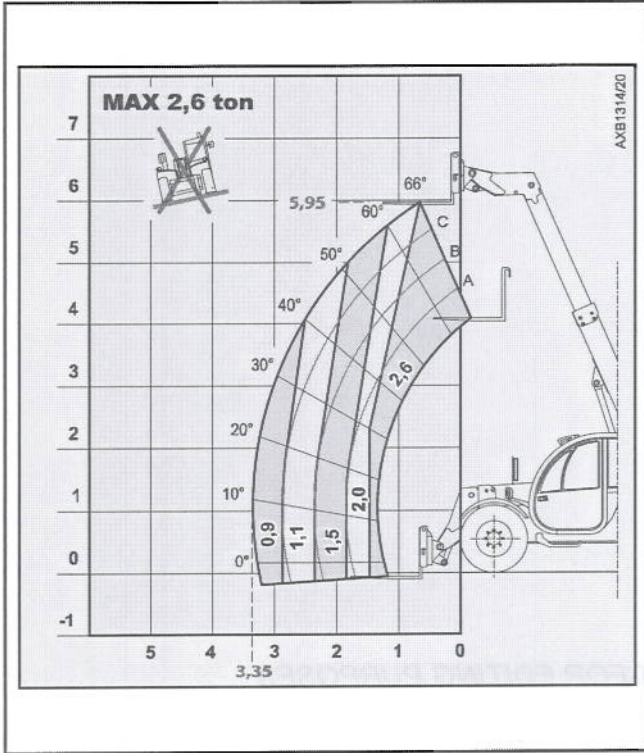
- 8) CAB
- 9) FUSE BOX
- 10) LEVER (JOYSTICK) FOR ARM MOVEMENTS
- 11) PUMP TO MANUALLY LOWER BOOM (BASKET EMERGENCY)
- 12) OIL TANK
- 13) FUEL TANK



LEFT SIDE

NOTE:
The position of some parts may vary on some specific models.

TO KNOW YOUR VEHICLE'S TECHNICAL DATA CONSULT THE: < "TECHNICAL SHEETS" CHAPTER "H">





SAFETY RULES

