



# HYDRAULIC LIFTING TABLES

99814 & 99816



These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

# 1. TITLE PAGE

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## 1.1 INTRODUCTION:

**USER MANUAL FOR: Hydraulic Lifting Tables**

**Stock Nos: 99814 & 99816**

**Part Nos: HLT-225 & HLT-300**

## 1.2 REVISIONS:

**Date first published July 2021.**

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As our user manuals are continually updated, users should make sure that they use the very latest version.

**Downloads are available from:** <http://drapertools.com/manuals>

Draper Tools Limited  
Hursley Road  
Chandler's Ford  
Eastleigh  
Hampshire  
SO53 1YF  
UK

Draper Tools Limited  
Oude Graaf 8  
6002 NL  
WEERT  
Netherlands

**Website:** [drapertools.com](http://drapertools.com)

**Product Help Line:** +44 (0) 23 8049 4344

**General Fax:** +44 (0) 23 8026 0784

## 1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:

**Warning!** – Information that draws attention to the risk of injury or death.

**Important** – Information that draws attention to the risk of damage to the product or surroundings.

## 1.4 COPYRIGHT © NOTICE:

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## 3. WARRANTY

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### 3.1 WARRANTY

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact:

**Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England.**

**Telephone Sales Desk: +44 (0) 8049 4333 or Product Help Line +44 (0) 23 8049 4344.**

A proof of purchase **must** be provided with the tool.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covering labour is 12 months from the date of purchase except where tools are hired out when the warranty period is 90 days from the date of purchase. The warranty is extended to 24 months for parts only. This warranty does not apply to any consumable parts, any type of battery or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

**Note:** If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This warranty applies in lieu of any other warranty expressed or implied and variations of its terms are not authorised.

Your Draper warranty is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the warranty period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

**Draper Tools Limited.**

## 4. INTRODUCTION

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### 4.1 SCOPE

Suitable for enthusiasts and tradespersons alike. Designed to lift/lower workshop and garage components to the desired height within the stated weight capacity.

### 4.2 SPECIFICATION

Stock No. ....	99814 .....	99816
Part No. ....	HLT-225 .....	HLT-300
Capacity (Safe Working Load).....	225kg .....	300kg
Table dimensions .....	705 x 450mm .....	820 x 520mm
Min table height .....	225mm .....	350mm
Max table height .....	720mm .....	1285mm
Weight .....	39kg .....	97.5kg

### 4.3 HANDLING AND STORAGE

- Care must be taken when handling this product.
  - Dropping this machine could have an effect on its accuracy and could also result in personal injury. This product is not a toy and must be respected.
- Environmental conditions can have a detrimental effect on this product if neglected.
  - Exposure to damp air can gradually corrode components. If the product is unprotected from dust and debris, components will become clogged.
  - If not cleaned and maintained correctly or regularly, the machine will not perform at its best.

## 5. HEALTH AND SAFETY INFORMATION

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### 5.1 GENERAL SAFETY INSTRUCTIONS FOR HYDRAULIC LIFTING TABLES

- 1) Use a qualified person to maintain the table in good condition. Keep it clean for best and safest performance.
- 2) DO NOT exceed the rated capacity.
- 3) Use this table for lifting purpose only. DO NOT use it for any other purpose it is not designed to perform.
- 4) Keep children and unauthorized persons away from the work area.
- 5) Remove loose clothing. Remove ties, watches, rings and other loose jewelry, and contain long hair.
- 6) Wear ANSI approved safety goggles when operating the table.
- 7) Keep proper balance and footing, do not overreach and wear nonskid footwear.
- 8) Only use this table on a surface that is stable, level, dry and not slippery, and capable of sustaining the load. Keep the surface clean, tidy and free from unrelated materials and ensure that there is adequate lighting.
- 9) Set the brakes on the rear castors when loading or unloading.
- 10) When not in use the table shall be fully lowered. Lock in a safe, dry place and keep away from children.
- 11) Use release handle slowly to allow load to descend in a controlled manner.
- 12) Before lowering table ensure that there are no obstructions underneath and that all persons are standing clear.
- 13) Always keep your hands and feet away from moving parts.
- 14) DO NOT allow people to sit or ride on the hydraulic table cart.
- 15) DO NOT transports loads with hydraulic table cart in a raised position.
- 16) DO NOT use the table if damaged, any suspect parts are noted or it has been subjected to a shock load.
- 17) DO NOT operate the table when you are tired or under the influence of alcohol, drugs or any intoxicating medication.
- 18) DO NOT make any modifications to the lift.
- 19) DO NOT expose the table to rain or snow.
- 20) If the table needs repairing and/or there is any part which needs to be replaced, have it repaired by authorized technicians and only use the replacement parts supplied by the manufacturer.
- 21) Transport instructions: Shipping by sea or truck only, if air shipment request, release the hydraulic oil before shipping.
- 22) Make sure that all the parts are fixed and not damaged.
- 23) Machine demolition: The machine must be demolished by authorized technicians, just like for assembling. The metallic parts can be scrapped as iron. In any case, all the materials deriving from the demolition must be disposed of in accordance with the current standards of the country in which the rack is installed.

## 5. HEALTH AND SAFETY INFORMATION

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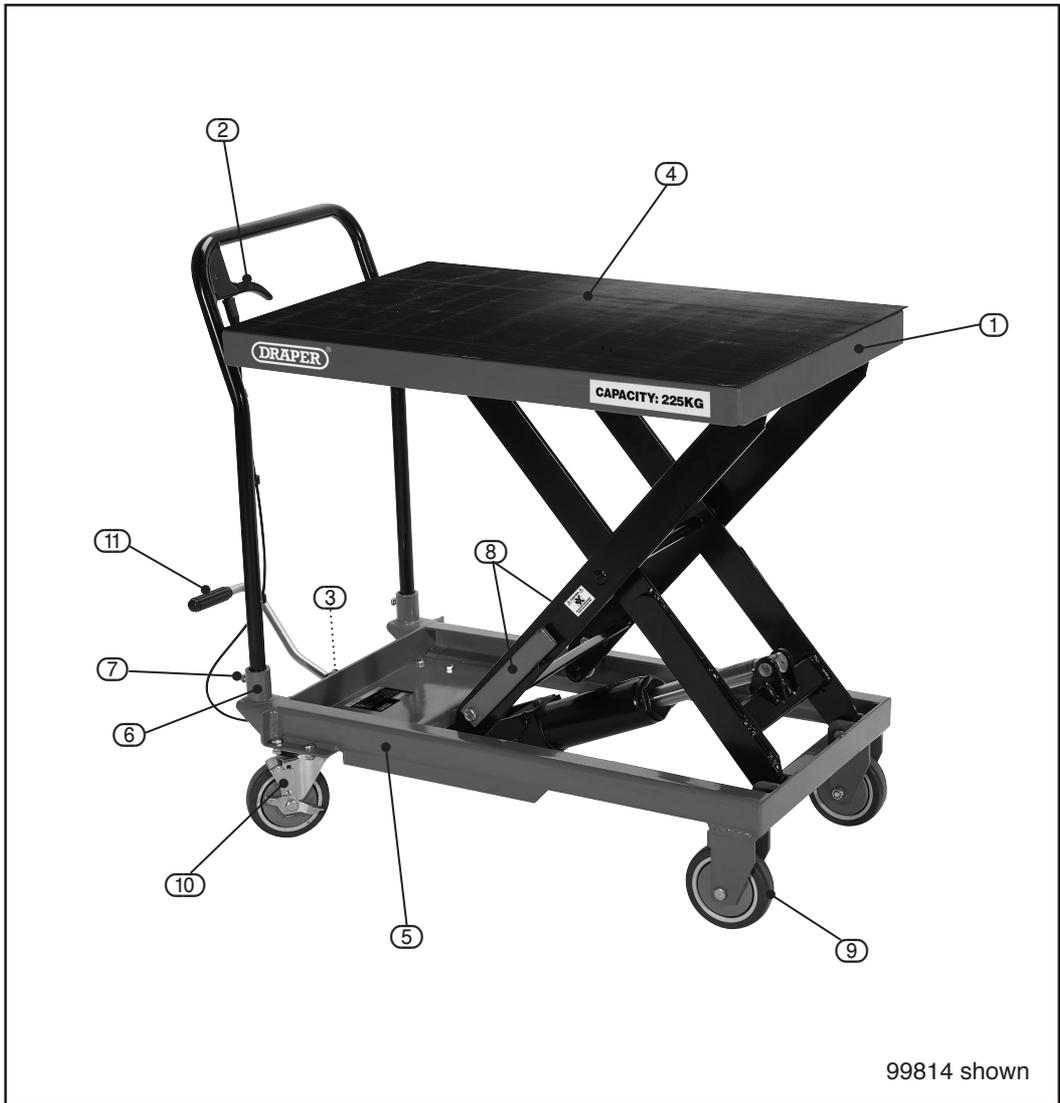
**WARNING:** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

### 5.2 RESIDUAL RISK

**Important:** Although the safety instructions and operating manuals for our tools contain extensive instructions of safe working with lifting equipment, every machine involves a certain residual risk which can not be completely excluded by safety mechanisms. Lifting equipment must therefore always be operated with caution!

## 6. TECHNICAL DESCRIPTION

### 6.1 IDENTIFICATION



- |                            |                        |
|----------------------------|------------------------|
| (1) Table top              | (8) Locking bars       |
| (2) Lowering lever         | (9) Fixed front castor |
| (3) Lifting pedal assembly | (10) 360° Rear castor  |
| (4) Rubber mat             | (11) Lifting pedal     |
| (5) Base assembly          |                        |
| (6) Handle support hole    |                        |
| (7) Handle securing bolt   |                        |

## 7. UNPACKING AND CHECKING

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### 7.1 PACKAGING

Carefully remove the product from the packaging and examine it for any sign of damage that may have happened during shipping. Lay the contents out and check them against the parts shown below. If any part is damaged or missing, please contact the Draper Help Line (the telephone number appears on the title page) and do not attempt to use the product.

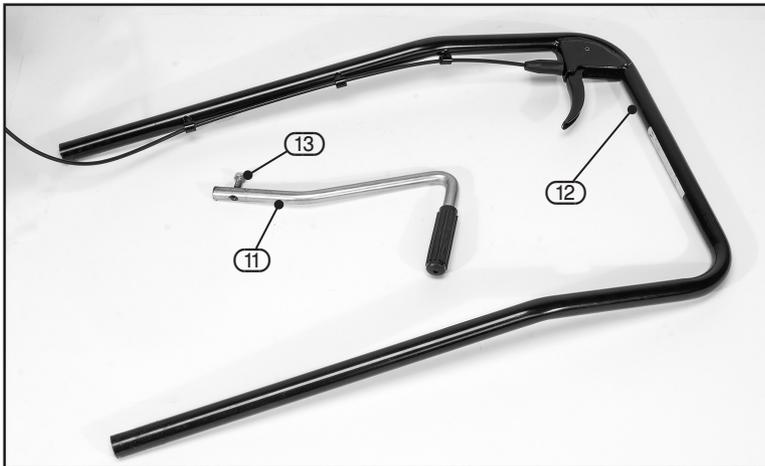
The packaging material should be retained at least during the warranty period, in case the machine needs to be returned for repair.

#### **Warning!**

- Some of the packaging materials used may be harmful to children. Do not leave any of these materials in the reach of children.
- If any of the packaging is to be thrown away, make sure they are disposed of correctly, according to local regulations.

### 7.2 WHAT'S IN THE BOX

As well as the main product, there are several parts not fitted or attached to it.



- (11) Lifting pedal
- (12) Handle assembly
- (13) Bolt

## 8. PREPARING THE HYDRAULIC LIFTING TABLE

### 8.1 ASSEMBLY - FIG.1 - 3

- 1) The table cart is almost completely assembled when you open it. To complete the assembly refer to the parts listing and drawing supplied.
- 2) Place the lifting pedal (11) into the lifting pedal assembly (3) using bolt (13).
- 3) Install the handle assembly (12) to the handle support hole (6) and secure using the securing bolt (7).
- 4) Your assembly is complete! Use the rubber mat (4) for the table top when needed.

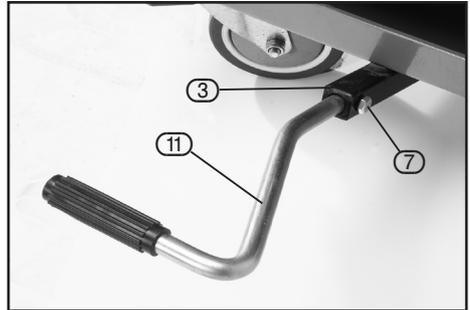


FIG. 1

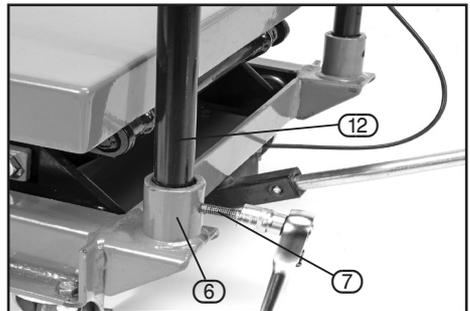


FIG. 2

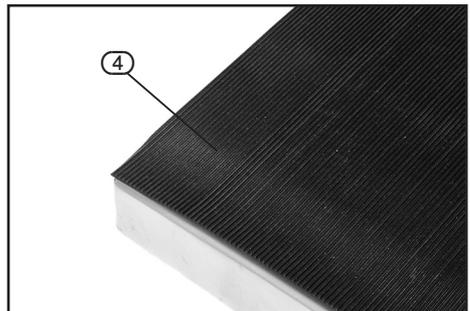


FIG. 3

## 9. OPERATING THE HYDRAULIC LIFTING TABLE

### 9.1 OPERATION - FIG.4 - 7

**WARNING:** Ensure that you read, understand and apply the safety instructions and warnings before use. Failure to heed these instructions may result in property damage and/or personal injury.

- 1) Before loading and while stationary, lock the 360° rear castor (10).
- 2) Table is raised by activating the lifting pedal (11).
- 3) After raising the load, turn the locking bars (8) clockwise till reach the safety position. Before lowering, please turn the locking bars (8) back.

**WARNING:** Keep all personel clear of the table top (1) and base assembly (5) when the table is being lowered using lever (2).

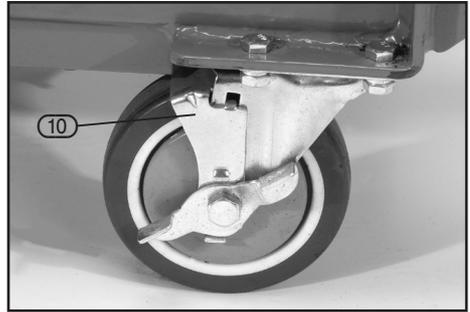


FIG. 4

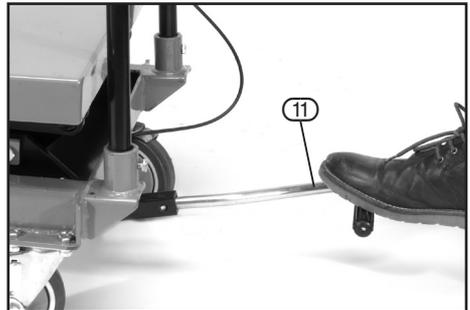


FIG. 5

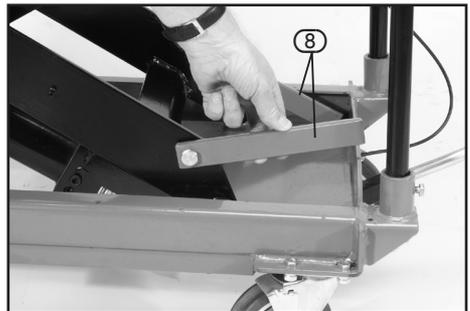


FIG. 6



FIG. 7

# 10. MAINTENANCE AND TROUBLESHOOTING

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## 10.1 MAINTENANCE

- 1) When not in use, the table must be stored in the lowest position in a dry location to minimize ram and piston corrosion.
- 2) Lubricate each friction point monthly with a good grease.
- 3) Inspect all joints and bolts periodically. Remove from service if any cracking or if the frame is bent or deformed.
- 4) If you find that the lifting range per stroke is too small, please lift the table to 2/3 of the maximum height, then loosen the oil plug (P04) and then tighten it.
- 5) Check the hydraulic oil level. If it is not adequate, remove the oil plug (P04) on the hydraulic pump and add hydraulic oil as necessary. DO NOT use brake fluid or any other improper fluid. Only a good quality hydraulic jack oil can be used.
- 6) If any abnormality found on the product, please contact your local dealer. Please repair under the guidance of your local dealer and use the parts specified by the manufacturer. Do not repair it yourself.

# 11. EXPLANATION OF SYMBOLS

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## 11.1 EXPLANATION OF SYMBOLS



Read the instruction manual.



Wear safety glasses.



**Warning!**

## 12. DISPOSAL

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### 12.1 DISPOSAL

- At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.
- Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not dispose of WEEE\* as unsorted municipal waste.



\* *Waste Electrical & Electronic Equipment.*

# NOTES

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## **CONTACTS**

Draper Tools Limited,

UK: Hursley Road, Chandler's Ford, Eastleigh, Hampshire.  
SO53 1YF. U.K.

EU: Oude Graaf 8 6002 NL Weert (NL).

Help Line: (023) 8049 4344

Sales Desk: (023) 8049 4333

Internet: [drapertools.com](http://drapertools.com)

E-mail: [sales@drapertools.com](mailto:sales@drapertools.com)

General Enquiries: (023) 8026 6355

### **YOUR DRAPER STOCKIST**

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