

William & Jones Ltd.

Welcome to the Series of W&J Small Handling Equipment

HDP35 Hydraulic Drum Porters – 350 kg
Instruction Manual





Instruction Manual

| SECTION | CONTENTS |
|----------------|----------------------------------|
| 1 | Introduction |
| 2 | Loading and the Use of Equipment |
| 3 | Routine Maintenance |
| 3.1 | Brake |
| 3.2 | Castors/Wheels |
| 3.3 | Hydraulic Cylinder and Oil Seal |
| 3.4 | Lubrication |
| 3.5 | Clean |
| 3.6 | Others |
| 4 | Coverage and Parts Supply |

DECLARATION OF CONFORMITY

This machine complies with the essential Health and Safety Requirements relating to the Design and Construction of Machinery as defined within "The Supply of Machinery (Safety) Regulations 1992"

Signed on Behalf of :

WILLIAM & JONES LTD

Director:

Hydraulic Drum Porter (Model HDP35)

Unit 6 Gateway 4, School Lane, Knowsley Business Park, Merseyside L34 9ZZ, England.
Phone No: 0151 548 4499, Fax No: 0151 548 4454
E-mail info@wjtd.mersinet.co.uk, Web site www.wjtd.mersinet.co.uk



Introduction

- **W&J Manual Drum Porter** Is Specially Designed for Lifting, Lowering, and Transporting Drums (ie., Steel, Plastic and Fibre Drums).
- Without Using Fork Lift Truck, **W&J Manual Drum Porter** Provides an Easy and Effective Method for Placing and/or Removing Drums on and from Pallets, Stillages, Scale...etc..
- **W&J Manual Drum Porter** Is Constructed Robust and Welded Steel.
- Drum Is Situated in Vertical Position and Gripping Unit Holds It Tightly. Hand Operated Handle for Lifting and/or Lowering. Heavy Duty Hydraulic System is Included for Safety Purpose.

Memo

- Cap. 350 kg
- Lifting Height 450 mm
- Hand Pump Hydraulic Lifting System
- Single Brakes Included as Standard
- Unladen Weight Approx. 80 kg

Hydraulic Drum Porter (Model HDP35)

Unit 6 Gateway 4, School Lane, Knowsley Business Park, Merseyside L34 9ZZ, England.
Phone No: 0151 548 4499, Fax No: 0151 548 4454
E-mail info@wjtd.mersinet.co.uk, Web site www.wjtd.mersinet.co.uk

- A – Gripping Unit
- A1 – Upper Gripping Valve
- A2 – Lower Gripping Valve
- B – Mast
- C – Hand Pump (For Lifting Drum)
- D – Push Handle
- E – Release Knob
- F – Hydraulic Cylinder
- G – Brake
- H – Swivel Castors Dia. 150 mm
- I – Legs (Frame base)
- J – Drum Base Support
- K – Fixed Wheels Dia. 180 mm
- L – Ring of Drum



Hydraulic Drum Porter (Model HDP35)

Unit 6 Gateway 4, School Lane, Knowsley Business Park, Merseyside L34 9ZZ, England.
Phone No: 0151 548 4499, Fax No: 0151 548 4454
E-mail info@wjtd.mersinet.co.uk, Web site www.wjtd.mersinet.co.uk



Operation Instructions

DO NOT AND ALWAYS:

- Do not Overload Beyond Rated Capacity
- Do not Release the Release Knob Completely While Loading
- Always Use Brake System for Safety
- Always Operate the Drum Porter on Level Ground
- Always Ensure Load is Secured Before Moving
- Always Keep Drum in the Lower Level Position While Moving

Lifting:

1. Make Sure the Drum is in Vertical Position
2. Move Drum Porter Approaching the Drum
3. For Safety Secure Brake System Before any Operation
4. Descending the Release Lever in Hand Pump Handle (“C”), Hand Pump “C” Until “A1” Higher than the Ring of Drum
5. Pull the Release Lever for Descending the Lift until “A1” Touch Ring of Drum
6. Hand Pump “C” Until “A2” Touch/Reach Ring of Drum (The Gripping Unit Will Grip to Ring of Drum Automatically)
7. Hand Pump “C” for Lifting Drum to the Required Height
8. Release Brake System Before Moving

Lowering:

1. Secure Brake System Before Lowering
2. Pull the Release Lever for Lowering the Drum
3. Drum Will be Automatically Released While The Drum Touches the Ground
4. Move Drum Porter from the Drum Once “A1” and “A2” Release from Ring of Drum. Release Brake System for Moving

Hydraulic Drum Porter (Model HDP35)



Routine Maintenance

Brake – Check Brake System Regularly and Make Sure Brake System Is Always in Working Condition.

Castors/Wheels – Check Castors/Wheels Regularly and Make Sure they are in a Good Condition.

Hydraulic Cylinder and Oil Seals – Check If Any Oil is Leaking Regularly.
Replace Oil Seal If Necessary. Refill with Standard Hydraulic Oil such as Shell Tellus 27.

Lubrication – Brush a Little Amount of Grease Inside of Masts Every 3 Months.

Clean – Use Cloth or Paper Towel to Clean the Equipment

Drum Gripping Unit – Check Drum Gripping Unit Regularly and Make Sure the Gripping Unit is in a Working Condition.

Hydraulic Drum Porter (Model HDP35)

Coverage and Parts Supply

Unit 6 Gateway 4, School Lane, Knowsley Business Park, Merseyside L34 9ZZ, England.
Phone No: 0151 548 4499, Fax No: 0151 548 4454
E-mail info@wjtd.mersinet.co.uk, Web site www.wjtd.mersinet.co.uk



Coverage:

- 12 Months Warranty which battery is not covered
- We Do Not Cover Any Wear and Tear that caused by Misusing or Abusing the Equipment

Parts Supply:

- W&J Equipment Are Standard Products. Spare Parts May be Purchased from **William & Jones Ltd.** or In Certain Parts Supplier.