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> Joerns Hoyer HPL402 Classic Deluxe Electric Power Patient Lift Instruction Manual

## Joerns Healthcare HPL402

# Joerns Hoyer HPL402 Classic Deluxe Electric Power Patient Lift Instruction Manual

Model: HPL402 | Brand: Joerns Healthcare

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective operation, setup, and maintenance of the Joerns Hoyer HPL402 Classic Deluxe Electric Power Patient Lift. Please read this manual thoroughly before using the device to ensure proper function and patient safety.





*Image 1: The Joerns Hoyer HPL402 Classic Deluxe Electric Power Patient Lift, showing its overall structure with the base, mast, boom, and 6-point cradle.*

## 2. SAFETY INFORMATION

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Always prioritize safety when operating the patient lift. Failure to follow these guidelines may result in injury to the patient or caregiver, or damage to the equipment.

- **Read the Manual:** Ensure all operators have read and understood this entire instruction manual before use.
- **Weight Capacity:** Do not exceed the safe working load of 400 lbs (181 kg).
- **Sling Compatibility:** Use only slings compatible with a 6-point cradle. Inspect slings for wear and tear before each use.
- **Stable Surface:** Operate the lift on a flat, stable, and level surface.

- **Clear Area:** Ensure the area around the lift is clear of obstructions during operation.
- **Patient Monitoring:** Maintain constant visual and verbal contact with the patient throughout the transfer process.
- **Emergency Stop:** Familiarize yourself with the emergency stop button and its location.
- **Battery Charge:** Ensure the battery is adequately charged before use.
- **Leg Guards:** Utilize the protective leg and caster guards to prevent damage to walls and furniture during maneuvering.

### 3. KEY FEATURES

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The Joerns Hoyer HPL402 is designed with several features to enhance patient transfer safety and caregiver convenience.

- **Adjustable U-Base:** The U-base can be easily widened or narrowed to accommodate various furniture and patient needs.



*Image 2: Close-up view illustrating the adjustable U-base mechanism, allowing the base to widen or narrow for stability and access.*

- **Ergonomic Handle Grips:** Padded grips provide comfort and control for the caregiver, reducing strain during

maneuvering.



*Image 3: Detail of the ergonomic handle grips, designed for comfortable and secure handling by the caregiver.*

- **6-Point Cradle & Low Base:** The 6-point cradle offers versatility for various sling types, and the low 5.5-inch clearance base allows easy access under beds and chairs.



*Image 4: The 6-point cradle for sling attachment and the low-profile base, highlighting its ability to fit under furniture.*

- **Powered Boom:** The electric power system facilitates smooth and controlled lifting and lowering of the patient via a hand control.



# 6 POINT CRADLE & LOW BASE

WITH ONLY A 5.5" CLEARANCE, THE HPL402  
MAKES IT EASY TO ROLL UNDER A CHAIR OR BED.

*Image 5: A close-up of the powered boom's control panel, showing the battery indicator and emergency stop button.*

- **Protective Leg & Caster Guards:** Integrated bumpers on the legs and casters help prevent damage to walls and furniture during movement.

# DESIGNED FOR EASY PATIENT TRANSFERS

SAFE TRANSFERS WITHOUT  
ANY HASSLE

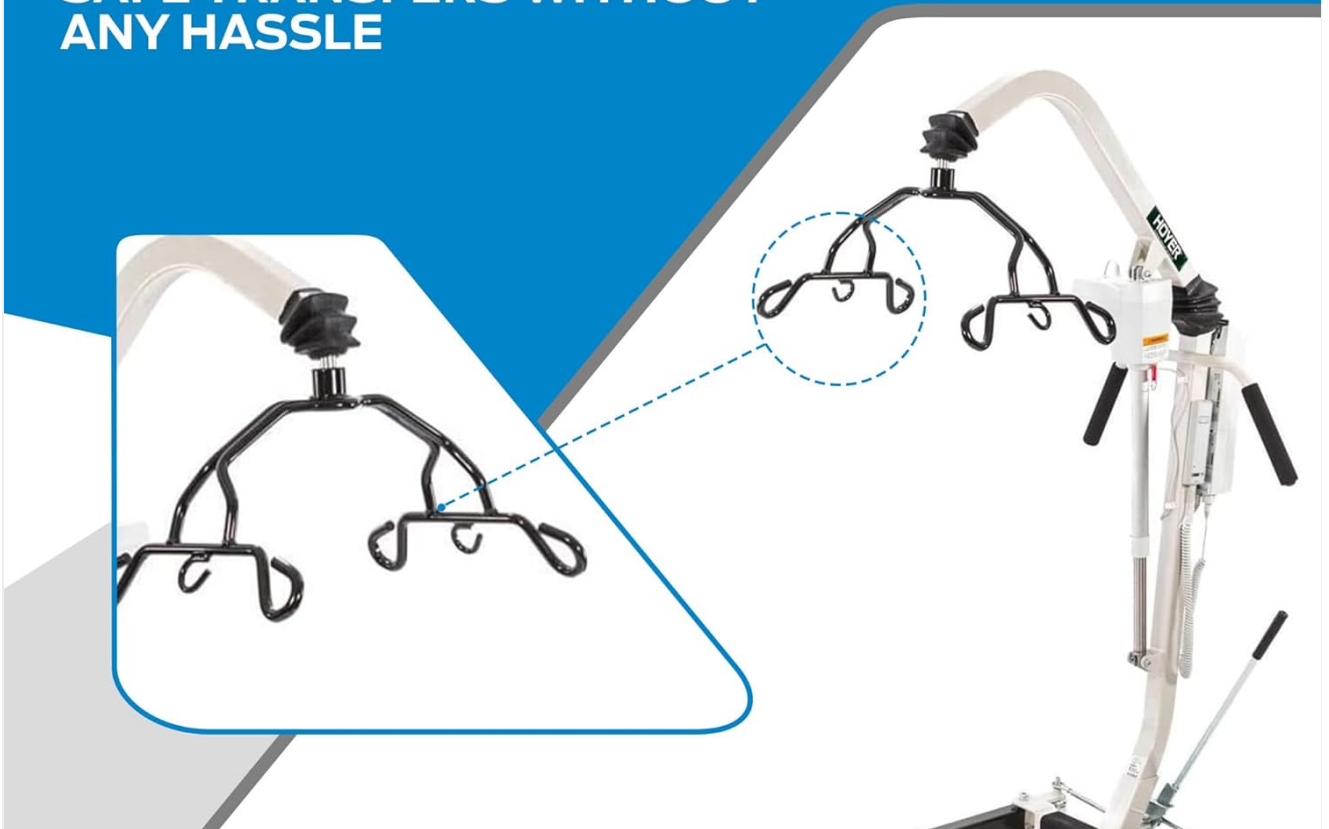


Image 6: Detail of the protective guards on the lift's legs and casters, designed to safeguard surroundings.

## Product Video Overview

Your browser does not support the video tag.

Video 1: An official product video from Joerns Healthcare demonstrating the key features and functionality of the Hoyer HPL402 patient lift.

## 4. SETUP INSTRUCTIONS

1. **Unpack the Lift:** Carefully remove the Joerns Hoyer HPL402 Classic Deluxe Electric Power Patient Lift from its packaging. Inspect all components for any signs of damage.
2. **Assemble (if required):** Follow any specific assembly instructions provided in the separate assembly guide. Ensure all bolts and fasteners are securely tightened.
3. **Charge Battery:** Connect the lift to a power outlet to fully charge the battery before initial use. Refer to the charging indicator on the control panel.
4. **Adjust U-Base:** To adjust the width of the U-base, pull the adjustment handle back to unlock it. Move the handle to

the right to widen the base or to the left to narrow it. Release the handle to lock the base in position. This allows for optimal positioning around furniture.

5. **Initial Function Check:** Before patient use, perform a test run of the lift's functions (raising/lowering boom, base adjustment) without a patient to ensure smooth operation.

## 5. OPERATING INSTRUCTIONS

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These steps outline the general procedure for transferring a patient using the HPL402 lift. Always ensure two caregivers are present for patient transfers when possible.

1. **Position the Patient:** Prepare the patient for transfer and position them appropriately in the sling according to the sling manufacturer's instructions.
2. **Position the Lift:** Roll the lift to the patient's location. Adjust the U-base to fit around the bed, chair, or toilet as needed. Lock the casters for stability.
3. **Attach Sling to Cradle:** Securely attach the sling loops to the 6-point cradle hooks. Double-check that all loops are correctly engaged.
4. **Raise the Patient:** Using the hand control, slowly raise the boom to lift the patient clear of the surface. Ensure the patient is comfortable and balanced. The boom can reach a maximum height of 61.5 inches (156 cm) for easier handling.
5. **Maneuver the Patient:** Unlock the casters and carefully maneuver the lift and patient to the target seating area (e.g., wheelchair, commode). Use the ergonomic handle grips for control.
6. **Lower the Patient:** Once positioned over the target surface, lock the casters. Use the hand control to slowly lower the patient onto the surface. A mechanical down-release lever is available for non-powered lowering in emergencies or if power fails.
7. **Remove Sling:** Once the patient is safely seated and stable, detach the sling from the cradle.
8. **Store the Lift:** When not in use, fold and store the lift in a safe location, taking care to avoid damage to walls and furniture with the leg guards and caster bumpers.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your HPL402 patient lift.

- **Cleaning:** Clean the lift regularly with a mild disinfectant and a soft cloth. Avoid abrasive cleaners or solvents.
- **Battery Care:** Keep the battery charged. Fully charge the battery after each use and at least once a week if not in regular use. Do not allow the battery to fully discharge.
- **Visual Inspection:** Periodically inspect all components, including the frame, casters, boom, cradle, and control cables, for signs of wear, damage, or loose connections.
- **Caster Function:** Ensure casters roll freely and locks engage properly. Clean any debris from the wheels.
- **Professional Servicing:** It is recommended to have the lift inspected and serviced by qualified personnel annually.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your patient lift.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lift does not operate (no power).	Battery discharged, emergency stop engaged, power cable disconnected.	Check battery charge and charge if necessary. Disengage emergency stop button. Ensure power cable is securely connected.
Boom movement is sluggish or inconsistent.	Low battery charge, motor overload, mechanical obstruction.	Charge the battery. Ensure patient weight is within capacity. Check for any obstructions.
Casters do not roll freely.	Debris in wheels, caster lock engaged.	Clean debris from casters. Ensure caster locks are disengaged.
Base adjustment mechanism is stiff.	Lack of lubrication, minor obstruction.	Apply a small amount of silicone lubricant to moving parts. Check for obstructions.

If you encounter issues not listed here or if solutions do not resolve the problem, contact Joerns Healthcare customer support.

## 8. SPECIFICATIONS

Feature	Detail
<b>Model Number</b>	HPL402
<b>Brand</b>	Joerns Healthcare
<b>Safe Working Load</b>	400 lbs (181 kg)
<b>Item Weight</b>	84 Pounds (38.1 kg)
<b>Product Dimensions (Overall)</b>	13 x 52 x 6 inches (approximate shipping dimensions)
<b>Product Dimensions (Base)</b>	5.25"D x 24"W x 5.25"H (clearance/height)
<b>Cradle Type</b>	6-Point Cradle
<b>Power Source</b>	Electric (Battery included)
<b>Color</b>	Black (referring to accents/base)
<b>Date First Available</b>	May 27, 2004

## 9. WARRANTY AND SUPPORT

Joerns Healthcare provides comprehensive warranty coverage for the HPL402 patient lift:

- **Frame Warranty:** Limited lifetime warranty on the Hoyer frame.
- **Parts Warranty:** 2-year warranty on all other parts.

For warranty claims, technical assistance, or troubleshooting support, please contact Joerns Healthcare customer service. Refer to the product packaging or the official Joerns Healthcare website for the most current contact information.



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This manual is for informational purposes only. Always consult with a healthcare professional for specific patient care needs.