

## Joerns Healthcare HPL700

# Joerns Hoyer HPL700 Bariatric Electric Patient Lift

## USER INSTRUCTION MANUAL

### 1. Introduction

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This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of the Joerns Hoyer HPL700 Bariatric Electric Patient Lift. Designed for bariatric patients, this lift offers a robust 700 lbs (318 kg) weight capacity, a powered base, a 6-point bari loop cradle, and an integrated digital scale for precise patient handling.

#### Important Safety Information

**Always read and understand all instructions and warnings before operating the patient lift. Failure to do so may result in serious injury or equipment damage.**

- Ensure the lift is on a stable, level surface before use.
- Never exceed the maximum weight capacity of 700 lbs (318 kg).
- Always use appropriate slings that are compatible with the 6-point bari loop cradle.
- Regularly inspect the lift for any signs of wear, damage, or loose components.
- Keep hands and clothing clear of moving parts during operation.
- In case of emergency, utilize the emergency stop button and manual lowering functions.

### 2. Components Overview

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The Joerns Hoyer HPL700 is comprised of several key components designed for safe and efficient patient transfer. Familiarize yourself with each part before operation.



A full view of the Joerns Hoyer HPL700 Bariatric Electric Patient Lift, showcasing its robust frame, adjustable boom, and wide base.

### Key Components:

- **Lift Mast and Boom:** The vertical support structure and the adjustable arm that raises and lowers the patient.
- **6-Point Bari Loop Cradle:** The attachment point for slings, designed for secure and versatile patient positioning.
- **Digital Scale:** Integrated weighing system for accurate patient weight measurement.
- **Powered Base:** Electrically adjustable legs for easy access around furniture and obstacles.
- **Control Panel / Hand Control:** Intuitive controls for operating the lift functions.
- **Hoyer Smart Monitor:** Provides lift cycle count, overload protection, service reminders, and emergency functions.
- **Emergency Stop Button:** Immediately cuts power to the lift in an emergency.
- **Manual Lowering Mechanism:** Allows for manual lowering of the patient in case of power failure.
- **Casters:** Wheels for mobility, typically with locking mechanisms.

## 3. Setup and Initial Assembly

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The Joerns Hoyer HPL700 typically arrives partially assembled. Follow these steps for final assembly and initial preparation.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Base Assembly:** Ensure the mast is securely attached to the base according to the included assembly diagrams. Verify all bolts are tightened.
3. **Battery Installation and Charging:** Install the battery pack into its designated compartment. Connect the lift to a power outlet using the provided charger. Allow the battery to fully charge before first use (typically 8-12 hours). The lift can be operated while charging, but optimal performance requires a full charge.
4. **Functional Check:** After charging, perform a full functional check without a patient. Test all lift up/down, base open/close, and emergency stop functions.

## 4. Operating the Joerns Hoyer HPL700

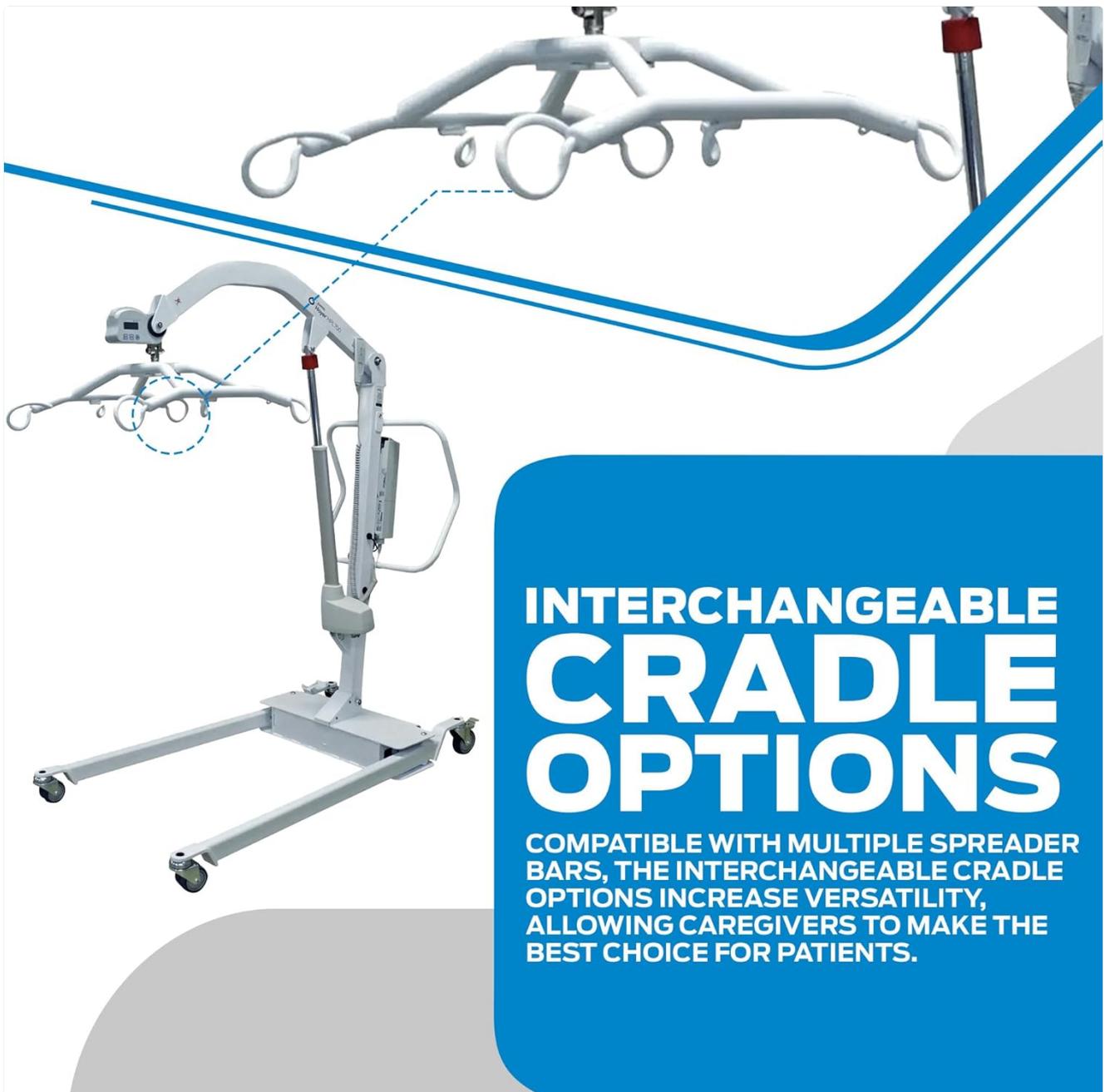
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### Patient Transfer Procedures

Always ensure two caregivers are present for bariatric patient transfers when possible. Communicate clearly with the patient throughout the process.

1. **Prepare the Patient:** Position the appropriate sling under the patient according to the sling manufacturer's instructions.
2. **Position the Lift:** Roll the lift to the patient. Use the powered base controls to open or close the legs as needed to position the lift securely around the patient's bed, chair, or wheelchair. Lock the casters once positioned.
3. **Attach the Sling:** Connect the sling loops securely to the 6-point bari loop cradle. Double-check all connections.
4. **Raise the Patient:** Using the hand control, slowly raise the patient a few inches off the surface. Pause to ensure the sling is correctly positioned and the patient is comfortable and secure. Continue raising the patient to the desired height for transfer.
5. **Transfer:** Unlock the casters and carefully maneuver the lift to the destination. Lock the casters once in position.
6. **Lower the Patient:** Slowly lower the patient onto the new surface. Once the patient is fully supported, unhook the sling from the cradle.
7. **Remove the Lift:** Unlock the casters and carefully move the lift away from the patient.

### Using the Digital Scale



A detailed view of the integrated digital scale display, showing clear numerical readings for patient weight.

The integrated digital scale provides accurate weight measurements. To use:

- Ensure the patient is fully suspended by the lift and not touching any other surface.
- The scale display will automatically show the patient's weight.
- Refer to the scale's specific instructions for changing units (pounds/kilograms) or taring the scale if a sling weight needs to be deducted.

### **Powered Base Operation**



# POWERED BASE

THE POWERED BASE ALLOWS THE LEGS TO BE OPENED AND CLOSED TO ENABLE ACCESS AROUND ARMCHAIRS, WHEELCHAIRS, AND SIMILAR OBSTACLES WITHOUT BENDING OR TWISTING.

A detailed view of the powered base, illustrating how the legs can be adjusted for access around furniture.

The powered base allows for easy adjustment of the lift's legs to navigate around obstacles.

- Use the designated buttons on the hand control to open or close the base legs.
- Open the legs for greater stability during transfers or to fit around wider furniture.
- Close the legs for easier maneuvering through doorways or narrow spaces.

## 6-Point Bari Loop Cradle

# DIGITAL SCALE

THE SCALE ALLOWS THE CAREGIVER TO ADJUST THE POSITION OF THE DISPLAY FOR EASIER VIEWING. SIMPLE, INTUITIVE CONTROLS PROVIDE THE RESIDENT'S WEIGHT IN POUNDS OR KILOGRAMS.



A close-up of the 6-point bari loop cradle, designed for secure and versatile sling attachment.

The 6-point bari loop cradle is designed for compatibility with various Hoyer slings, offering flexibility and comfort for different patient positions.

- Ensure sling loops are correctly and securely attached to all six points of the cradle.
- Always verify that the sling is properly seated and balanced before lifting.

## Hoyer Smart Monitor

# HPL700

## BARIATRIC POWER PATIENT LIFT

### SPECIFICATION

DESCRIPTION	MEASUREMENT	METRIC
Maximum Overall Length	56"	1423 mm
Minimum Overall Length	55"	1397 mm
Maximum Overall Height	81"	2058 mm
Maximum Overall Height	57.75"	1467 mm
Legs Open - External Width	46.25"	1175 mm
Legs Open - Internal Width	42.25"	1073 mm
Legs Closed - External Width	27.5"	699 mm
Legs Closed - Internal Width	23.5"	597 mm

### WEIGHTS

DESCRIPTION	WEIGHT (LB)	WEIGHT (KG)
Mast, Base and Boom Assembly	143.4 lb	65 kg
Power Pack	6.6 lb	3 kg
Total	150 lb	68 kg
Base Assembly	83 lb	38 kg
Mast & Boom Assembly (no battery)	40.4 lb	18 kg



**SPECIFICATIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.**

A detailed view of the Hoyer Smart Monitor, displaying indicators for lift cycle, overload protection, service reminders, and emergency functions.

The Hoyer Smart Monitor provides critical operational data and safety features:

- **Lift Cycle Counter:** Tracks the number of lift cycles for maintenance scheduling.
- **Overload Protection:** Prevents operation if the weight limit is exceeded.
- **Service Reminder:** Indicates when routine maintenance is due.
- **Emergency Functions:** Provides visual and/or audible alerts for critical situations.

## 5. Maintenance and Care

Regular maintenance ensures the longevity and safe operation of your Joerns Hoyer HPL700.

- **Daily Cleaning:** Wipe down all surfaces with a mild, non-abrasive cleaner and a damp cloth. Avoid harsh chemicals or excessive moisture.
- **Weekly Inspection:** Check all bolts, nuts, and fasteners for tightness. Inspect the sling attachment points, casters, and electrical cables for any signs of wear or damage.

- **Battery Care:** Keep the battery charged. Do not allow the battery to fully discharge frequently, as this can reduce its lifespan. Replace batteries when they no longer hold a sufficient charge.
- **Professional Servicing:** Adhere to the service reminders from the Hoyer Smart Monitor. Professional servicing should be performed by qualified technicians at recommended intervals.

## 6. Troubleshooting Guide

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

Problem	Possible Cause	Solution
Lift does not operate	Battery discharged; Emergency stop engaged; Power cable disconnected; Overload protection activated.	Charge battery; Release emergency stop; Check power connections; Reduce load below 700 lbs.
Lift operates slowly or weakly	Low battery charge; Motor wear.	Recharge battery fully; Contact service for motor inspection.
Base legs do not open/close	Obstruction; Motor issue.	Check for obstructions; Contact service if issue persists.
Digital scale shows incorrect reading	Patient touching other surfaces; Calibration needed.	Ensure patient is fully suspended; Refer to scale manual for calibration or contact service.
Unusual noises during operation	Loose components; Motor issue; Lack of lubrication.	Inspect for loose parts and tighten; Contact service for inspection and lubrication.

## 7. Technical Specifications

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Detailed specifications for the Joerns Hoyer HPL700 Bariatric Electric Patient Lift.

# HOYER SMART MONITOR

- \* LIFT CYCLE COUNTER
- \* OVERLOAD PROTECTION
- \* SERVICE REMINDER
- \* EMERGENCY



A table presenting detailed measurements and weights for the HPL700 patient lift, including overall length, height, leg widths, and component weights.

Specification	Measurement (Imperial)	Measurement (Metric)
Maximum Overall Length	56"	1423 mm
Minimum Overall Length	55"	1397 mm
Maximum Overall Height	81"	2058 mm
Maximum Overall Height (Boom)	57.75"	1467 mm
Legs Open - External Width	46.25"	1175 mm
Legs Open - Internal Width	42.25"	1073 mm
Legs Closed - External Width	27.5"	699 mm
Legs Closed - Internal Width	23.5"	597 mm

Specification	Measurement (Imperial)	Measurement (Metric)
Weight Limit	700 Pounds (318 kg)	
Item Weight	150 Pounds (68 kg)	
Material	Alloy Steel	
Display Type	LED with smart monitor	
Manufacturer	Joerns Healthcare	

## 8. Warranty and Support

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### Warranty Information

The Joerns Hoyer HPL700 comes with a limited lifetime warranty on the Hoyer frame and a 2-year warranty on the lift components. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

### Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty service, please contact Joerns Healthcare customer support. Refer to the official Joerns Healthcare website or your purchase documentation for current contact information.

You can also visit the [Joerns Healthcare Store on Amazon](#) for additional product information and resources.