



General User/Safety Guide **OLYMPIC PRO 185**



Dear Customer,

Thank you for purchasing this Harvest Healthcare product. Our products are manufactured and tested according to stringent quality criteria. Please read the content of this operating manual before starting to use the product.
Please observe the safety instructions in particular.



Please note that there might be minor differences between the images shown in this manual and the actually supplied device.

Subject to technical modifications and error.

Should you have any questions or require more information about your device, please contact us by phone or email.

Our friendly Customer Service team will be glad to help you.



BEKA Hospitec GmbH is the manufacturer of the product.
They are certified according to DIN EN ISO 13485 by TÜV SÜD Product Service GmbH.
Therefore, the development, manufacturing, quality assurance and service of the entire product range is subject to high quality standards.

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1. Liability and Warranty

The manufacturer of the device is only responsible for the safety and the reliability of the device, if:

- a. the installation has been carried out by authorised staff
- b. the space concerned complies with the current VDE-regulations

and if the following conditions are met:

- c. the device is only used as per the intended purpose
- d. the functional tests are performed periodically

In case of technical interventions, such as extensions and fittings to our devices, which are not carried out by Harvest Healthcare, all warranty rights on the modifications as well as on the device or on the device functions, which are related to the modification, shall expire.

Warnings

- **Use the device only for the intended application.**
- **The device may only be operated by trained staff.**
- **Servicing, maintenance operations and safety checks may only be performed by trained or qualified individuals on this equipment.**
- **Assembly operations, extensions, modifications, or repairs may only be performed by trained or qualified individuals on this equipment.**
- **Please read the operating manual and the safety instructions before starting to use the hoist. Keep the operating manual readily available for future reference.**
- Before each use check the functional safety and the good condition of the device and its accessories (e.g. visual check, functioning and battery charged).
- In case of unusual noises, damages or malfunctions, discontinue use immediately and contact Harvest Healthcare.
- Make sure that the maintenance/inspection of the product is regularly executed in combination with a safety check.
- Check prior to lifting and then throughout the transfer that all clips or loops sling fixings are correctly fixed attached to the spreader bar.
- Leave a short delay between operating each function to allow the control box to reset.
- Never exceed the duty cycle or the maximum load.
- Use the correct type of sling for this equipment.

To ensure a safe and failure-free operation, the following checks must be carried out prior to each use:

- Visual check of the Olympic Pro 185 (external damages and wear and tear).
- Check that no screws are missing or loose.
- Check the overall condition of the Olympic Pro 185.
- Check the lifting boom functions correctly.
- Check the handset activates all the functions (up/down, spreading)
- Check the emergency lowering system.
- Check the castors run smoothly.
- Check the slings for damage.
- Check the battery charging state.

NOTE: Always charge the battery when not in use.

2. Symbols and pictograms used in this manual



Please observe the accompanying documents/operating manual.



Warning Hazardous Area.



Applied part "Type B" to DIN EN 60 60 1-1.



**Do not push/pull the motor.
Do not push/pull the spreader bar.**



**Special waste, no household waste.
The device and the packaging materials never must be
disposed of in the domestic waste stream.**



**CE-label in accordance with the EC-Directive on Medical
Devices.**



Solely intended for indoor use.



Protection class II.

2.1 Type plate

  BEKA Hospitec GmbH Am Rübenmorgen 3 D- 35582 Wetzlar Tel: +49 (0) 641 / 92 22 0 - 0 Fax: +49 (0) 641 / 92 22 0 - 20 www.beka-hospitec.de			
Type:		CARLO ECO  2018-12	
SN 1218140066 REF 924003700		   	
Operating Voltage: 24 V DC		Max Patient weight: 185 kg / 408 lbs	
Power Consumption Lifter: Max. 240VA		for charging use only BEKA- charger Art.-No.: 921070702	
Int. : 10%, Max. 2 min. / 18 min.		Device Weight: 65 Kg	

This image shows the type plate.

The type plate is located at the column support of the sling hoist.

The shown serial number (**SN**) 1218140066 is just an example.

In case of queries, please mention the serial number printed on the type plate of your stand-up and raising aid.

Note: Because of legal regulations, it might be required that the article number and the serial number should be computer-readable as well and therefore they might be printed on the type plate as well in the form of a barcode.

2.2 Designation

In this manual the Olympic Pro 185 patient lifter is referred to as Olympic Pro 185.

3. Unpacking and Assembling

3.1 Required Tools

To remove the packaging materials, you will need:

Cutter knife



3.2 Removing the Cardboard

Cut the strap with the cutter knife and remove the strap.

Note: Do not cut in the cardboard, as this could damage the surface of the Olympic Pro 185



Lift the cardboard up to remove it and put it aside.

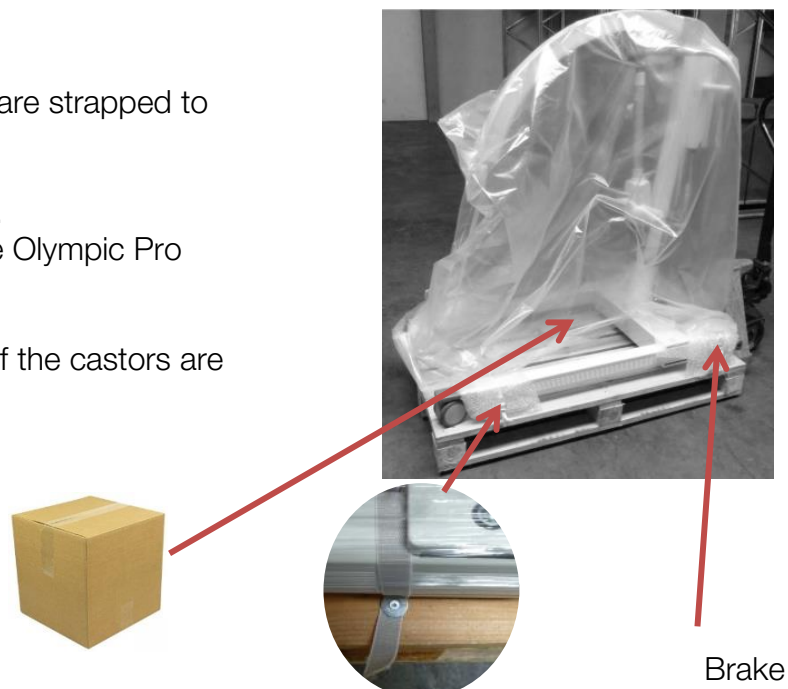


3.3 Releasing from the Pallet

Both sides of the Olympic Pro 185 are strapped to the pallet.

Remove the screws and the straps. Please take care not to damage the Olympic Pro 185 when unscrewing the screws.

Please make sure that the brakes of the castors are released.



Brake

After all fixations have been removed, you can remove the hoist from the pallet.

Remove the bubble wrap and the stretch film. Please take care not to damage the surface of the Olympic Pro 185 with the tools.

The accessories for your Olympic Pro 185 are included in the supplied cardboard box.

4. Installation

Dear Customer,

Before you start to use our products, your electrical installation must be checked in accordance with the relevant VDE-regulations 0100 and 0100-710.

This requirement is only applicable in Germany.

In other countries, other requirements might be applicable.

Ask a qualified electrician to install the wall charging unit in accordance with the regulations applicable in your country.

4.1 Electrical Connection for Power Cable and Wall Charging Unit

The socket must meet the requirements of VDE 0100 and 0100-710.

4.2 Installation

The Olympic Pro 185 is supplied ready for use.

4.3 Olympic Pro 185 Electrical Connection

The Olympic Pro 185 is equipped with a 24V-battery system. A power connection, which is compliant to the VDE regulations, is required for the charger cable as well as the wall charging unit. In operation, the Olympic Pro 185 is mains-independent.

4.4 Start-up and Operation (electrical motor/battery unit)

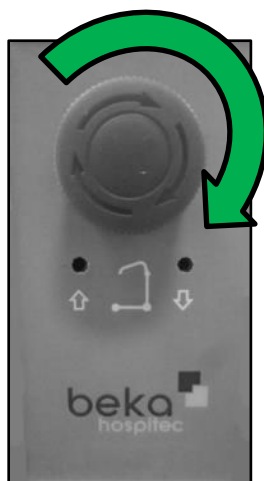
The Olympic Pro 185 is equipped with a 24V-electrical motor. This motor is self-locking and therefore protected against unintentional lowering of the spreader bar in case of malfunction or failure. The battery of the Olympic Pro 185 must be completely charged before starting to use the device.

Please check that the emergency stop switch is released (unlatched). To unlatch, turn the emergency stop switch clockwise until it releases.

NOTE:

The battery must be completely charged prior to the first use of the Olympic Pro 185 (charging time approx. 4 hours).

Please check that the emergency stop switch is released prior to moving the spreader bar.



The emergency stop switch is released by turning the button to the right (i.e. clockwise).

5. Accessories

5.1 Olympic Pro 185 Accessories

Codes	Description	
HLA002	Olympic Pro 185	Pivot Frame
HLA020	Olympic Pro 185 with electronic weighing scale	Pivot Frame
HLA022	Olympic Pro 185	Two Point Yoke Frame

General accessories		
Description	Product Code	
Spare battery 24V	HLA018	
Wall charger	ELE022	
Handset	ENHLA001	
Control Box	ENHLA002	
Power Cable	ENHLA003	

5.2 Spreader Bar Variants



Pivot Frame



Pivot Frame with
Optional Inbuilt
Electronic Scale

6. Operation of the Olympic Pro 185

6.1 Fields of Application

The Olympic Pro 185 has been designed for transferring residents in hospitals, nursing homes, care centers and facilities for the disabled. The resident can be lifted from a lying or sitting position or even from the ground. The Olympic Pro 185 is to be used exclusively indoors on smooth and level floorings.

6.2 Timing

The Olympic Pro 185 is designed for a short-term use and any contact with injured skin must be avoided.

Note

No side effects associated with the correct use of this hoist are known.
Please observe the contra-indications mentioned in section 6.3.

6.3 Contra-indications

WARNING:



Residents suffering from:

- Osteoporosis
- Spine disorders/spinal damage
- Osteogenesis imperfecta
- Mental confusion
- Epileptic attacks

may only be handled with the Olympic Pro 185 in consultation with the attending physician.

Prior to lifting the patient or the resident, the situation must be assessed by a qualified employee or a therapist. Harvest Healthcare recommend a risk assessment is carried out every time before using this equipment on a new patient or resident, and that reassessment is done with any change of circumstance.

Please observe also the safety instructions listed in the following paragraph.

6.4 Safety instructions



Please read the following safety instructions prior to using the Olympic Pro 185. All notes, specifications and warnings mentioned on the device as well as in the present operating manual must be imperatively respected and observed.

The manufacturer BEKA Hospitec GmbH shall ***not*** accept any liability for any damages, failures or faults caused by improper operation or handling.

Operating manual



- Please read the operating manual and the safety instructions before starting to use the Olympic Pro 185. Keep the operating manual near the device for future reference.
- The Olympic Pro 185 may only be used for the specified purpose.
- In case of unusual noises, damages or malfunctions, the Olympic Pro 185 must no longer be used.
- The product may only be used and operated by trained staff.
- Check prior to each use that all visible parts are intact. Do not use the Olympic Pro 185 if any part is damaged.
- The product must be disinfected after each use.
- Avoid slippery surfaces and thresholds.
- Do not move the Olympic Pro 185 over sloping or uneven floors.
- The Olympic Pro 185 is exclusively fit for indoor use.
- Prior to each use of the device and its accessories, the user must check the functional safety and the good condition of the device and its accessories (e.g. visual check, functioning, etc.).
- Supervision by the caregiver is required throughout the transfer.
- Make sure that the sling form and size match the resident's body.
- Check prior to lifting, and throughout the transfer, that all clips or loops are correctly fixed to the spreader bar.
- Only trained staff are authorised to use slings.
- Please respect and observe the size and weight specifications for each sling.
- Check prior to each lifting operation whether the help of a second assistant is required.
- Each lifting or transport procedure must be adequately planned in order to ensure optimal protection for the caregiver and the resident.
- Please check before and during the height adjustment procedure that the caregivers feet are not located in the area of the castors, nor in the resident's area.
- Do not stand between the Olympic Pro 185 and an obstacle during the transport procedure.
- During the movement of the Olympic Pro 185, the carrier frame must be closed.
- Please check that no one grabs the hazardous areas (spreader bar, carrier frame) especially during the adjustment procedure - risk of crushing.
- Do not lift the resident higher than is necessary.
- Engage the brakes, castors of the wheel chair or the bed to provide a safe lifting surface for the resident.

- We advise the operator to carry out a risk assessment before operating this equipment. Unlocked castors can allow the device to centralise itself more effectively when in use. The risk assessment must include the understanding that unlocked castors run a higher risk of unintended movement of the device during patient handling. Note: It is carer responsibility to carry out risk assessment before moving the patient.
- To reduce stress to the resident the lift should be as short as possible. Never leave the resident unattended in the sling.
- Never tilt or pull the resident beyond the fixing point of the spreader bar.
- Never exceed the duty cycle or the maximum load.
- Make sure that the battery is charged in a well-ventilated room.
- Do not use the Olympic Pro 185 when the battery is charging.
- Make sure that the resident crosses their arms on their chest instead of holding on to the spreader bar.
- When applying the sling, make sure that the spreader bar does not touch the resident's head.
- Check the applied sling for visual damages prior to using it.
- Move the Olympic Pro 185 by means of the handles provided to that effect instead of pulling the spreader bar.

Ventilation

Never cover up, over sticker or change the slots and holes of the device.

Customer service

Should the Olympic Pro 185 be defective and the problem cannot be resolved by means of one of the measures described in section 15, please contact Harvest Healthcare customer service.



t +44 (0)1709 377172 **f** +44 (0)1709 377173
e sales@harvesthealthcare.co.uk
www.harvesthealthcare.co.uk

Cleaning

- Do not use any abrasive or corrosive cleaners to clean the Olympic Pro 185.
- The caregivers must protect their skin and eyes against concentrated disinfecting and cleaning products.

Please respect and observe the manufacturer's specifications for the disinfecting agent used.

Instructions for cleaning and disinfection can be found in section 12.

Repairs

Repairs to components of the Olympic Pro 185 are to be carried out only by trained expert personnel. Please contact the servicing department (servicing@harvesthealthcare.co.uk). Opening the device or other accessories will lead to the expiration of all guarantee, warranty and liability claims.

Duty of care

Please check the proper state and the functional safety of the system prior to use. Never insert foreign bodies in the device.

Safety checks

The Olympic Pro 185 is subject to a 12-month “safety check” (SC). The intervals are fixed in section 15.

In order to preserve the value of the device, we recommend annual maintenance of the Olympic Pro 185.

Accessories

Use only original accessories for the Olympic Pro 185.

WARNING:



Any unauthorized repairs, reconstructions and modifications/alterations are not permitted for safety reasons and shall exclude all liability of the manufacturer for the resulting damages.

For damages resulting from the use of spare parts or accessories, which are not authorised by the manufacturer, any further liability of the manufacturer shall be excluded.

Applied part



The patient lift is equipped with “B”-Type applied parts.
All exposed, touchable, conductive parts are thereby considered to be an applied part.

6.5 Operation of the Olympic Pro 185

Press the the leg spread function on the handset to check this operates before attempting to use this equipment. Harvest Healthcare recommends that the brakes are applied when the device is parked. We advise the operator to carry out a risk assessment before operating this equipment. Unlocked castors can allow the device to centralise itself more effectively when in use. The risk assessment must include the understanding that unlocked castors run a higher risk of unintended movement of the device during patient handling. Note: It is carer responsibility to carry out risk assessment before moving the patient.

Travel path


When using the Olympic Pro 185, make sure that the travel path of the Olympic Pro 185 is not narrowed by obstacles or other elements (e.g. wall racks, etc.). Remember that the maximum height is limited to 2175 mm. Take extreme care when using this equipment.

6.5.1 Explanation of the Functions of the Handset

The different functions of the Olympic Pro can be activated by means of the handset.


Please note Harvest Healthcare recommend leaving a short period between operating each function to allow the control box to reset.

Raising and Lowering the Boom

Keep the  button on the handset pressed to raise the the boom in to position required. Release the button as soon as the boom has reached the desired position.



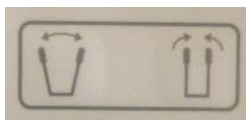
When the highest possible position is reached, the upward movement will automatically stop.


Keep the  button of the handset pressed to lower the boom. Release the button as soon as the Boom has reached the desired position. When the lowest possible position is reached, the downward movement will automatically stop.


Spreading of the Chassis Legs

If the LED-indication “MAX” is displayed  the highest possible load

capacity of the Olympic Pro is reached. In such case, lower the patient and use another sling hoist with a higher load capacity.




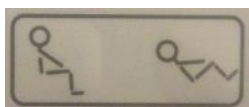
Keep the  button pressed to open the chassis legs on the hoist. Release the button when the desired position is reached. The movement will automatically stop when the chassis legs are in their maximum position.


Press the  button on the the handset to close the chassis legs. Release the button as soon as the desired position is achieved . When the minimum position has been reached, the movement of the chassis legs automatically stops.

The chassis legs must be in the fully open position to increase the stability of the hoist. Always use this position when attempting to hoist a patient or resident.

**Tilting the
Spreader Bar
(only possible
with Pivot
Frame)**

Keep the  button of the handset pressed to change the sitting position of the patient/resident. The pivot frame will tilted backwards, thus bringing the patient/resident into a lying position. Release the button as soon as the desired position is reached. The tilting movement will stop. When the final position is achieved, the tilting movement will stop automatically.



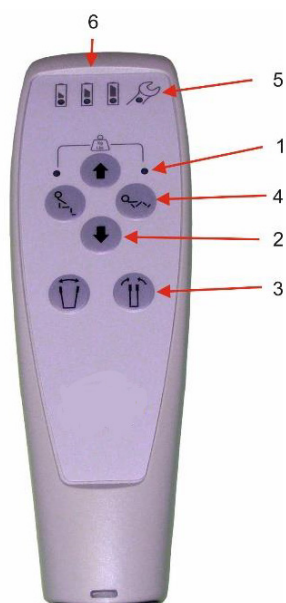
Keep the  button of the handset pressed to move the pivot frame back upright. The pivot bar frame will tilted forwards, thus bringing the patient/resident into a sitting position. Release the button as soon as the desired position is reached. The tilting movement will stop. When the end position is reached, the tilting movement will stop automatically.

7. Olympic Pro 185 Operating Elements



N°	Description	N°	Description
1	Rear castors with brake	6	Boom
2	Emergency lowering system	7	Pivot frame
3	Control unit with battery	8	Motor for the pivot frame adjustment
4	Handset	9	Attachment point only for slings with clips Caution: Loop slings must not be used
5	Hoist positioning handle	10	Front castors/Chassis leg

7.1 Handset



N°	Description	N°	Description
1	Lifting boom overload warning	4	Only pivot frame, sitting and lying function
2	Boom bar up/down	5	Service indication
3	Chassis leg spread (open/closed)	6	Battery charge level indication

7.2 Explanation of the LED-indications on the Handset



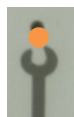
Green LED: battery full, no charging required (100-50%)



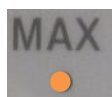
Yellow LED: battery requires charging (50-25%)



Red LED: battery requires charging (less than 25%)

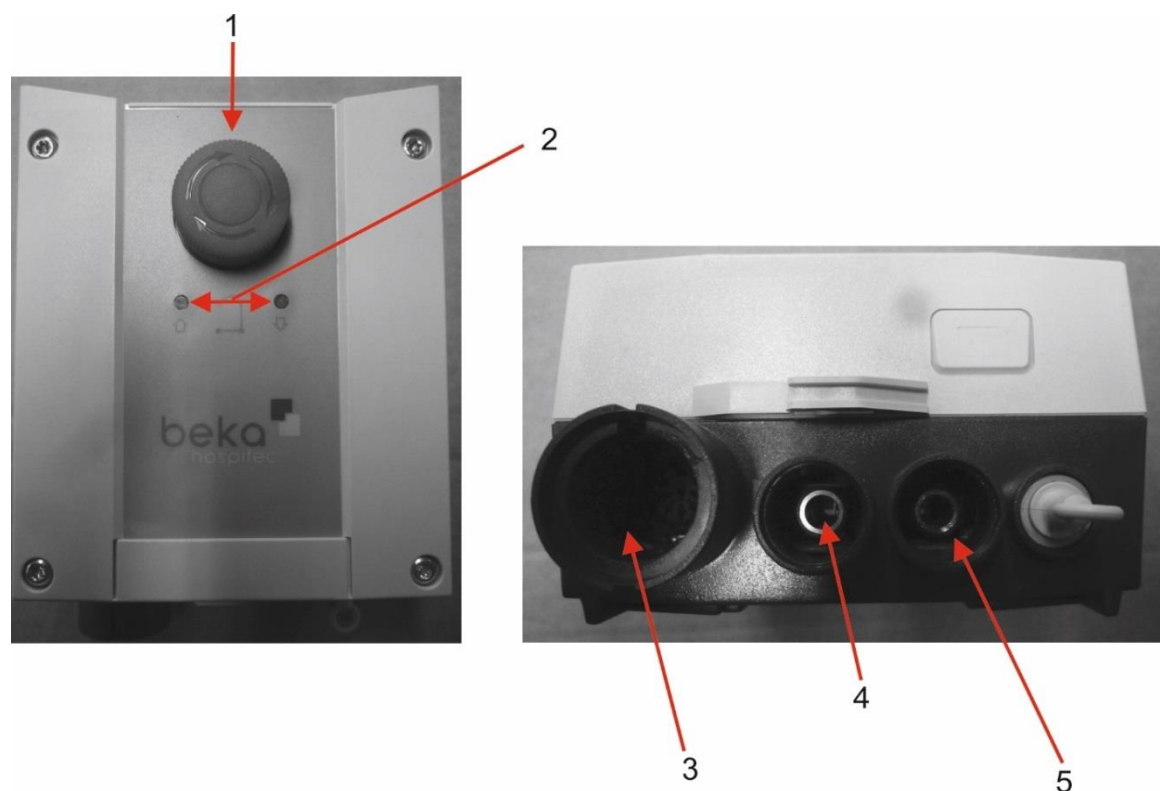


When you push a button, an audible signal will be emitted. Service indication (orange LED flashes). Equipment requires a service



Orange LED, overload, max. weight of 185kg exceeded

7.3 Connections and Functions of the Control Unit



N°	Description	N°	Description
1	Emergency stop switch	3	Handset connection
2	Electrical emergency lowering (in case of malfunction of the handset)	4	Lifting motor connection
		5	Leg spread motor connection

7.4 24V-Battery Unit

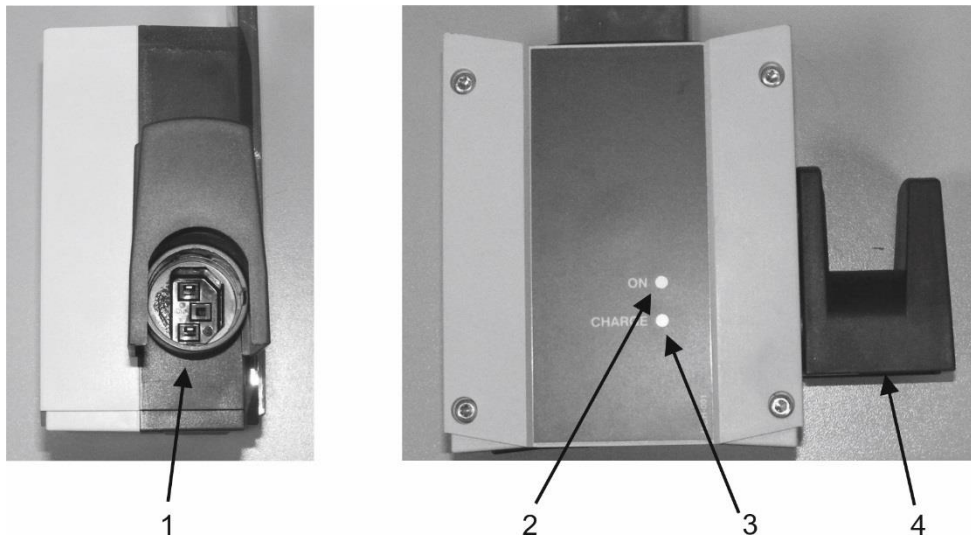
The Olympic Pro 185 is equipped with a 24V-battery.



7.5 External Charging Unit/Wall Charging Unit

The external charging unit (wall charging unit) is a switch-mode charger and is supplied ready assembled (on a mounting rail). It can be installed on any suitable wall. The required power cable is included in the delivery.

The charging time for the battery units is approximately 4 hours.



N°	Description	N°	Description
1	Mains input socket	3	Charging indicator (yellow LED)
2	Mains operation indicator (green LED)	4	Cable holder (optional)

Explanation of the LED-indications



Green LED

The LED is on when the control unit is supplied with voltage through the power cable.

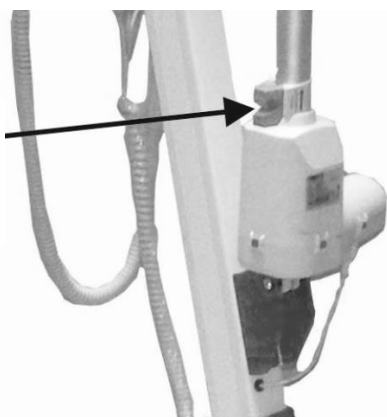


Yellow LED

The LED is on when the battery is charging.

7.6 Manual Emergency Lowering System

Emergency Lowering System



Activating the Emergency Lowering System:

1. Slowly pull the red emergency lower collar upwards in the direction of the arrow.
2. Be patient - the mechanism may take a few seconds to operate. The weight of the person will cause the hoist to lower
3. When the person in the hoist is safely lowered release the emergency lower collar.

Note:

The **emergency lowering mechanism must not be treated with oil, grease or any other lubricant**, as this could cause the emergency lowering mechanism to run too smoothly! In case of a failure of the emergency lowering system, a reset by the manufacturer or at Harvest Healthcare is required.

7.7 Electrical emergency lowering

Should your handset be defective or present a malfunction, and provided that the battery still has sufficient voltage, you can raise or lower the spreader bar by means of the buttons located on the control unit.



Buttons of the control unit

Insert a ballpoint or a similar object into the holes to activate the buttons. The spreader bar can be raised or lowered, but not tilted.

7.8 Emergency stop switch

When the emergency stop switch is pressed, the electrical motors are immediately disconnected from the power supply. The motor stops immediately. The emergency stop switch should be used only in case of immediate danger to the resident or the caregivers. The emergency stop switch can also be used to reduce discharging of the battery in case of intermediate storage. By pressing the emergency stop switch, you can lock the Olympic Pro 185 hoist, thus making any unauthorised use of the sling hoist more difficult.

Turn the button in the direction of the arrow to unlock.



7.9 Motor Safety Measures

The control of the electrical motor is equipped with an overload protection, which is autonomously switched off in case of overload. The motor will only be operational again after a short waiting time. The cooling-off time of the motor can be up to 18 minutes depending on the ambient temperature.

NOTE:



Opening the motor will result in expiration of the warranty.

The intermittent operation of the motor is not a defect, but is for your own safety.

7.10 Impact and Jamming Protection (hoist motor)

The electrical motor (hoist motor) features an integrated impact and jamming protection (freewheeling). This feature avoids jamming, pinching and/or crushing dangers when the spreader bar of the Olympic Pro 185 strikes or encounters an obstacle. The motor runs free until the obstacle is removed or the Olympic Pro 185 is moved away from the obstacle.

After the obstacle has been removed, the spreader bar may start lowering autonomously. Therefore, you must immediately release the button on the handset as soon as you notice that an obstacle has been encountered.

7.11 Contact Details for Technical Information

For technical information and in case of questions regarding the use of your Olympic Pro 185, please contact Harvest Healthcare servicing at: servicing@harvesthealthcare.co.uk



t +44 (0)1709 377172 **f** +44 (0)1709 377173
e sales@harvesthealthcare.co.uk
www.harvesthealthcare.co.uk

8. Sling Operating Manual

Important note:

The normal service life of Harvest slings is approximately 36 months from the date of production (marked on the sling). The specified service life is only applicable when the Harvest slings are cleaned, maintained and inspected in accordance with the instructions contained in the following documentation.

8.1 Prior to Use

The slings must be checked before and after each use and, if necessary, be washed in accordance with the sling manual. This is prescribed in particular to reduce the risk of infection in the event that the same equipment is used for other residents or patients.

The thorough check of the sling before use **must** include the loops/fastening clips. If the sling or the loops are frayed, cut or damaged, or the clips are damaged, the sling must no longer be used.

Make sure that a sling of the correct size is used for the patient/resident.

Prior to lifting the patient or the resident, the situation must be assessed by a qualified employee or a therapist. Harvest Healthcare recommend a risk assessment is carried out each time before using this equipment on a new patient or resident.

8.2 During Use

Check that the sling fixings on the hoist are compatible with the sling clips.

Note: Loop slings must not be used on a pivot frame.

Check that the sling is not twisted when attaching the sling. Always check that the sling clips are correctly attached prior to and during the lifting procedure and that they are tensioned while supporting the patient's weight. Check that the sling is not too tight and that the patient's arms are inside the sling.

8.2.1 Safe Attachment of the Clips in the Support

Always check that the fastening clips are secured and correctly positioned prior to lifting the patient/resident.

Note: Clips on slings may be different in design and appearance. Check with Harvest Healthcare for compatibility before using this equipment.

8.3 After Use

The slings may be cleaned and disinfected in accordance with the manufacturer's instructions.

During the washing and drying no mechanical pressure must be applied, such as dry press or a rotary iron. This could damage the sling parts, impair the operation and the safety of the sling, or even destroy the sling.

The sling loops must be checked and, if required, cleaned after each use. The washing temperatures must not exceed the temperature specified on the sling. Please use common household detergents only. Do not iron hot. The plastic clips must be checked for possible damages after each wash.

Caution:

The Olympic Pro 185 is exclusively fit for indoor use.

Caution:

Do not move the Olympic Pro 185 over sloping or uneven floors.

Warning:

Make sure that the Olympic Pro 185 is not tilted over 5° when driving over thresholds or similar. The Olympic Pro 185 could fall over in this case.

9. Digital scale SLS (option)

To operate the scale, refer to the operating instructions of the scale.

10. Maintenance and Care of the 24-Volt Battery

The battery and the control box must not be opened by the customer.

Repairs may only be carried out by trained competent persons.

Never allow the battery to become discharged. If the battery becomes discharged it may not be recoverable. If the battery does become discharged you must charge it immediately.

The battery life is dependent on how the battery is maintained - discharging the battery each time before charging will drastically reduce the lifespan of the battery.

Replacement battery packs can be obtained from Harvest Healthcare.

CHARGE THE BATTERY WHEN NOT IN USE

10.1 Contact Details for Technical Information

For technical information and in case of questions regarding the use of the Olympic Pro 185, please contact Harvest Healthcare.



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e sales@harvesthealthcare.co.uk
www.harvesthealthcare.co.uk

11. Cleaning/Disinfection

11.1 Cleaning of the Olympic Pro 185

Clean the Olympic Pro 185 with a soft, lint-free cloth. For thorough cleaning, use a cloth moistened with a mild soap solution. You can use a cloth moistened with an isopropyl alcohol solution for the disinfection.

To avoid damages to the Olympic Pro 185, **no** abrasive cleaners or solvents must be used to clean the control unit.

Caution:



**Make sure
that during the cleaning
the system is not
operational**

WARNING:

After each treatment, the Olympic Pro 185 must be completely disinfected with a disinfectant to avoid cross-contamination.

Caution:

Use disinfectants only when the Olympic Pro 185 is not in use. Strictly respect and observe the manufacturer's instructions for the used disinfectant. Avoid direct contact with the concentrated product. If necessary, use gloves and safety glasses to protect your skin and eyes.

The Olympic Pro 185 can be cleaned with a damp cloth and a normal cleaning agent for plastics. For the disinfection of the surface, an isopropyl alcohol solution or a customary disinfection aerosol (spray) can be used.

11.2 Disinfecting the Olympic Pro 185

You must carefully disinfect your Olympic Pro 185 after each use to avoid risk of infection. For the disinfection, an isopropyl alcohol solution or a customary disinfection aerosol (spray) can be used.

Caution:

Disinfect the Olympic Pro 185 only when the patient/resident has left the sling hoist. Strictly respect and observe the manufacturer's instructions for the used disinfectant. Avoid direct contact with the concentrated product. If necessary, use gloves and safety glasses to protect your skin and eyes.

11.3 Sterilization

The Olympic Pro 185 is **not** suitable for sterilization.

12. Waste Disposal

12.1 Disposal of the Packaging Material

Please recycle the packaging materials of the Olympic Pro 185 in accordance with the locally applicable regulations and laws.

12.2 Disposal of the Product

At the end of the product's lifetime, contact your supplier, who will recycle the Olympic Pro 185 in accordance with the locally applicable regulations and laws.

For an environmentally-sound disposal, the company BEKA Hospitec GmbH will provide more information in its capacity as manufacturer.

Please clean and disinfect the Olympic Pro 185 prior to its disposal.

13. Inspections & Checks

In order to ensure safe use of the Olympic Pro 185 and protection of the users and the patients/residents, Harvest Healthcare recommends an annual safety check.

We recommend simultaneous maintenance of the device in order to conserve its full value.

The execution of the safety checks and maintenance must be documented and proven on request. Please use your inventory register to this effect.

The servicing of this product should be carried out by Harvest Healthcare Ltd.

Weekly checks:	Visual checks of all components, power cables and electrical connections, functional test, clean castors if necessary.
Annual checks:	Safety check, maintenance.

Caution:



Do not conduct any cleaning, maintenance or test activities when the Olympic Pro 185 is in use. This could cause danger to the user and the patient/resident.

13.1 Prior to each use

To ensure a safe and failure-free operation, the following checks must be carried out prior to each use:

- Visual check of the Olympic Pro 185 (external damages and wear and tear).
- Check that no screws are missing or loose.
- Check the overall condition of the Olympic Pro 185.
- Check the pivot frame functions correctly.
- Check the handset activates all the functions (up/down, spreading).
- Check the emergency lowering system.
- Check the castors run smoothly.
- Check the slings for damage.
- Check the state of charge of the battery.

In case of questions regarding this equipment please contact Harvest Healthcare.



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14. Troubleshooting and After Sale Service

14.1 Help for Troubleshooting

Problems with the Hoist	Remedy
The travel adjustment and the spreading of the carrier frame of the Olympic Pro 185 do not function.	<ul style="list-style-type: none"> a) Check if the emergency stop switch is released/pressed. b) Check that the cables of the control box are correctly connected. c) Check the battery's state of charge. d) Remove the battery pack and check the contacts for damage. e) If using the on-board charging option, take hoist off charge.
The Olympic Pro 185 remains in the top end position.	<ul style="list-style-type: none"> a) Check if the emergency stop switch is released/pressed. b) Check the battery's state of charge. c) Use the electrical emergency lowering feature (see 7.7) to lower the patient/resident. d) Use the mechanical emergency lowering feature (see 7.6) to lower the patient/resident.
The carrier frame motor does not run.	<ul style="list-style-type: none"> a) Check if the emergency stop switch is released or pressed. b) Check that the control box is correctly plugged in. c) Check the battery. d) If using the on board charging option take the hoist off charge.
The drive stops during the lifting procedure.	<ul style="list-style-type: none"> a) Battery low. Charge the battery. b) The maximum load is exceeded (max. patient weight).
The electrical positioning system does not respond.	<ul style="list-style-type: none"> a) Make sure that the handset is connected. b) Check the plug-in connector at the control box. c) Check the battery. d) If using the on board charging option is the hoist on charge.
The control box emits a "beep" signal when operated.	Battery low. Charge the battery.
The handset does not work.	<ul style="list-style-type: none"> a) Check if the emergency stop button is released/pressed b) Check the connectors at the handset cable and the motors. c) Check the battery's charging state (replace with fully charged battery). d) If using the on-board charging option, take hoist off charge.
The up and down buttons of the handset do not respond.	<ul style="list-style-type: none"> a) Check if the emergency stop switch is released/pressed. b) Check the battery's charging state (replace with fully charged battery). c) Check that the cables of the control box are correctly connected. d) If using the on-board charging option, take hoist off charge.
The castors produce loud noises.	Clean castors if necessary. Replace if necessary.

The Olympic Pro 185 produces unusual noises.	Inform the after-sales service.
The Olympic Pro 185 is damaged.	Inform the after-sales service.
The “Service” indication is lit.	The annual check must be carried out.
Problems with the Charging Unit	Remedy
The charging unit does not work.	a) Remove the battery pack and check the contacts for damage. b) Check the mains plug/power supply
The operating display of the charging unit is not lit.	a) Check that the charging unit is connected to a power outlet. b) Check the power outlet fuse.
The charging unit is connected to the power outlet, but the operating display is not lit.	a) Check that the wall outlet is supplied with power. b) Remove the battery and check for damage.
Problems with the Battery	Remedy
The battery is placed correctly, but the indicator lights are not lit.	Inform the after-sales service.
The indicator light does not go out after multiple hours of charging.	The battery must be replaced. Inform the after-sales service.
The battery installed in the charging unit indicates that it is fully charged. However, when placed in the Olympic Pro, just a few lifting cycles are possible.	The battery must be replaced. Inform the after-sales service.
When the handset is actuated, an acoustic signal is emitted and the indicator light (red) is on.	Check the battery’s charging state.

14.2 After-Sales Service

When your Olympic Pro 185 does not function properly and you cannot eliminate the error by means of the remedies listed in chapter 14, please contact Harvest Healthcare Servicing at servicing@harvesthealthcare.co.uk.



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15. Appendix

15.1 Technical Data

Dimensions and weights	
- Length:	129.0 cm
- Width in closed condition:	70.0 cm
- Width in open condition:	118.0 cm
- Min. height:	134.0 cm
-Max. height:	217.0 cm
- Travel with hanger bar:	20.0 - 158.0 cm
- Travel without hanger bar:	68.5 - 208.5 cm
- Weight without packaging:	Approx. 55 kg depending on the variant
- Safe Working Load (SWL):	Maximum 185 kg
- Turning Radius	135,0 cm
Electrical data	
- Power Supply	24 Volt Battery
-max. Power Consumption:	10A = 240VA
- Applied part:	Type B
- Duration of treatment:	10%, 2 min. continuous operation, 18 min. pause
- Protection class:	IPX 4
Ambient conditions	
Operation	
- Temperature range:	10° C to 40° C
- Relative humidity:	30% to 75%, non-condensing
- Atmospheric pressure:	800 – 1060 hPA
Storage and transport	
- Temperature range (stand-up and raising aid):	-40° C to 70° C
- Temperature range (battery):	-15° C to 40° C
- Relative humidity:	10% to 80%, non-condensing
- Atmospheric pressure:	500 – 1100 hPA

External wall charger:

- Power Supply	100V – 240 V ~ (AC)/50/60 Hz
- Power Output:	24 V (DC)
- Current consumption:	I in max. 400 mA
- Fuse:	T1,25 A/250V
- Protection class:	IPX 5

Battery:

- Battery type	Lead acid battery
- Power Output:	24 V (DC)
- Capacity:	2,9 Ah
- Output current:	I out max 10A
- Protection class:	IPX 5

Additive for control box with integrated charger

- Power Supply	100V – 240 V ~ (AC)/50/60 Hz
- Power Output:	24 V (DC)
- Current consumption:	I in max. 400 mA
- Max. Power consumption:	10 Watt
- Fuse:	T1,25/250V

15.2 Manufacturer



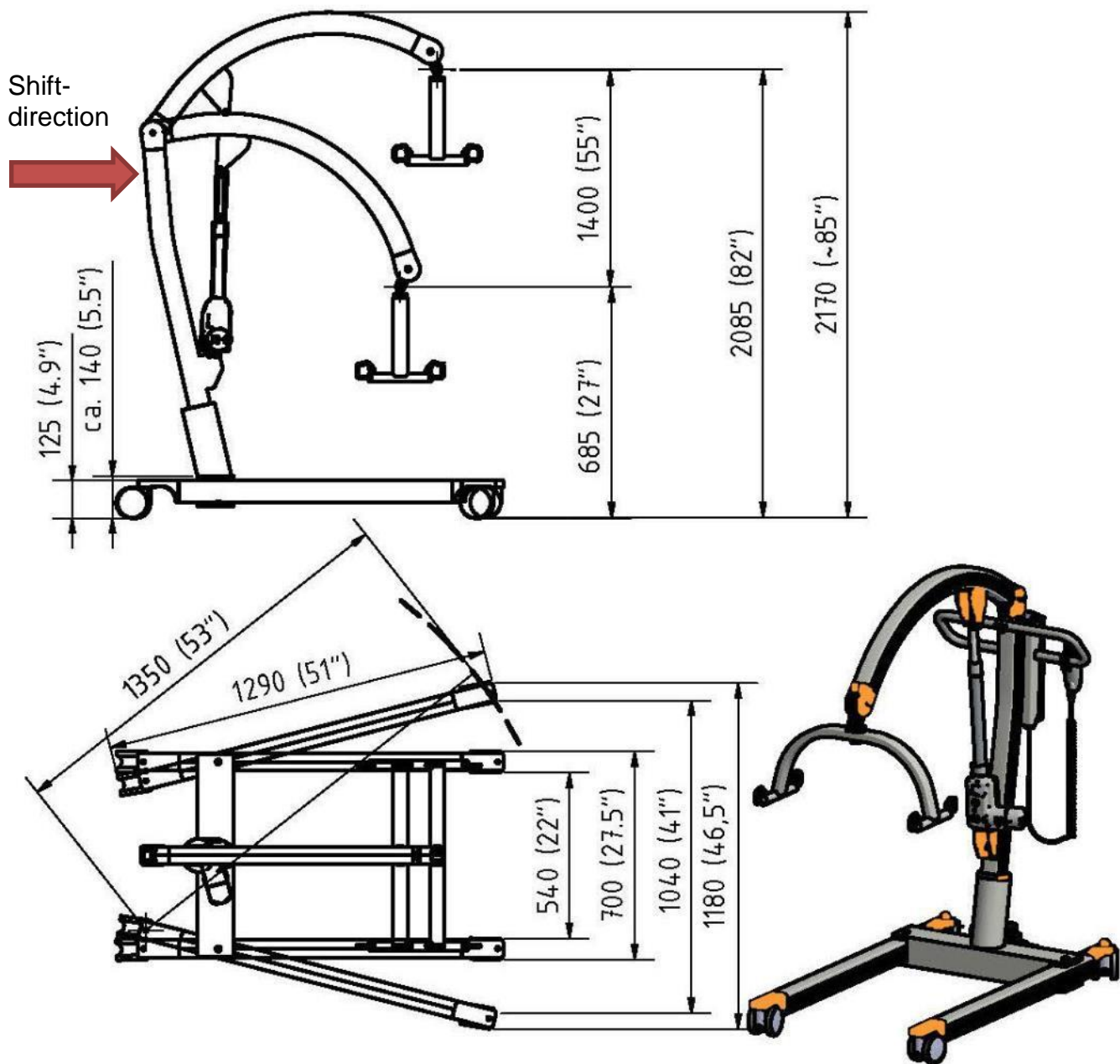
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15.3 Dimensions Olympic Pro 185



Note: Depending on the spreader bar used and the use of the optionally available scale, the distance from the floor to the sling suspension is different

15.4 Declaration of Conformity



EG-Konformitätserklärung / EC-Declaration of Conformity

Der Hersteller / The manufacturer

BEKA Hospitec GmbH
Am Rübenmorgen 3
D-35582 Wetzlar-Dutenhofen

erklärt in alleiniger Verantwortung gemäß EG-Richtlinie für Medizinprodukte 93/42/EWG Annex VII,
dass die folgenden Produkte
*declares under sole responsibility according to the EU Medical Device Directive 93/42/EEC, Annex VII that
the following products*

CARLO Alu (Classic 185)	Artikel Nr. - P/N.	924003100, 924003200, 924002008, 924002018, 924003208, 924003218
CARLO Alu (Classic 230)	Artikel Nr. - P/N.	924001500, 924001508, 924001518, 924003008, 924003018
CARLO Alu (Comfort GPL)	Artikel Nr. - P/N.	925001000, 925001008, 925001018
CARLO Alu (Comfort EP 185)	Artikel Nr. - P/N.	925006000, 925006008, 925006018
CARLO Alu (Comfort EP 230)	Artikel Nr. - P/N.	925007000, 925007008, 925007018
CARLO Eco (Classic 185)	Artikel Nr. - P/N.	924003700
CARLO Eco (Classic 205)	Artikel Nr. - P/N.	924003750
CARLO Eco (EP 185)	Artikel Nr. - P/N.	924003800
CARLO Eco (Comfort EP 205)	Artikel Nr. - P/N.	924003850

den grundlegenden Anforderungen entsprechen und die Voraussetzungen für die CE-Kennzeichnung erfüllen.
comply with the essential requirements and fulfill the provisions of CE marking.

Die Bauart der Produkte entspricht Klasse I des Medizinproduktegesetzes (MPG), Regel 12.
The products correspond with Class I Medical Device Directive (MDD), Rule 12.

Zur Beurteilung wurden folgende Normen / Richtlinien herangezogen:
The following standards / directives apply:

EG-Richtlinie 93/42/EWG/ Directive 93/42/EEC		DIN EN ISO 14971:2013
DIN EN 10535:2007		DIN EN 60601-1:2007
DIN EN 12182:2012		DIN EN 60601-1-2:2007

Diese Erklärung trifft auf alle Produkte zu, die nach Ausstellung dieser Erklärung produziert wurden, bis sie
durch eine andere Erklärung ersetzt wird.

*This declaration applies to all CE marked devices manufactured from the date of its issuance on until it is
either superseded by another declaration or withdrawn.*

Technische Änderungen vorbehalten / Technical changes reserved.

Wetzlar, den 02.05.2018


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Robert Deschler
Geschäftsführer

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For your notes

[illegible]

Manufacturer contact details:



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