



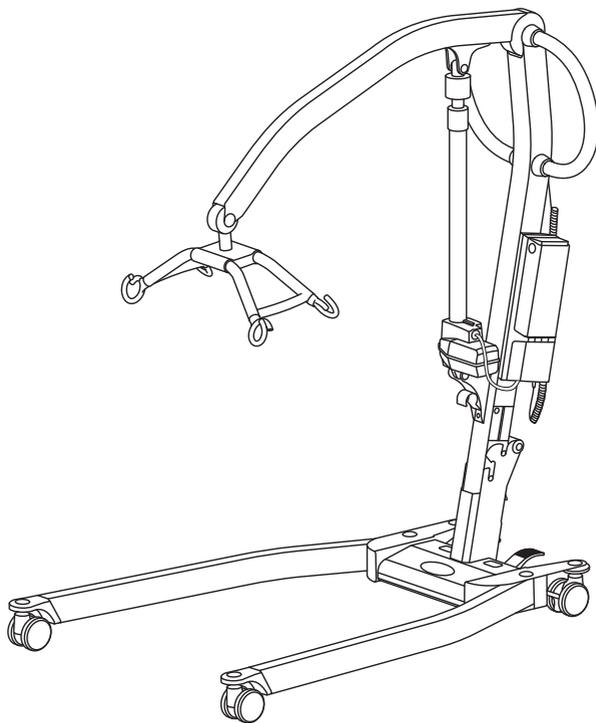
User manual

Molift Smart 150

molift[®]

by Etac

BM09599 - 2026-02-04 - Rev. 4.0



CONTENT

	Symbols	3			
	Device overview	9			
	General	12			
	English	12			
				Handling	147
				Assembly	148
				Warnings	150
				Information	152
				Checklist	154
				Emergency stop	156
				Warnings	158
				Information	159
				Rising	161
				Lowering	163
				Warnings	164
				Information	169
				Technical data	171



EN: Warning: This symbol appears in the user manual along with a number referring to the instructions below. It draws attention to situations where the product or the user or carer's safety may be in danger.

-
-
-
-



i

EN: Information: This symbol appears in the user manual along with a number referring to supplementary information which can be found in the information section.

-
-
-
-
-



EN: Consult instructions.
The latest version of all user manuals can be downloaded as a “pdf-file” from the web page. The manuals can be read with a “Read Out Loud” functionality in e.g Adobe Acrobat and / or printed in a larger size to accommodate persons with visual impairments. The user manual is not available in Braille.



YYYY-MM-DD

EN: Date of manufacture.

YYYY-MM-DD

(year/month/date)



EN: Manufacturer



EN: CE marked



EN: Medical device



EN: Serial number



EN: Catalogue number



EN: UKCA marked



EN: Refer to user manual



EN: Unique Device Identification



EN: Certification body mark



EN: Type BF applied part



EN: Service indicator



EN: Battery indicator



EN: Overload



EN: Examine, check



EN: Pause



EN: Ready for use



EN: Incorrect use



EN: Emergency lowering



EN: Weight of unit



EN: Recyclable



EN: Maximum user weight



EN: Non-ionizing electro-magnetic radiation



EN: Charging



EN: Manual Cleaning



EN: pH when washing



EN: Listen to click sound



EN: Keep dry



EN: Emergency stop



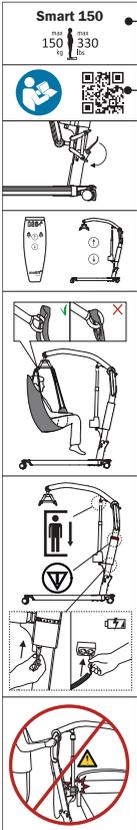
EN: Do not dispose in general waste



EN: For indoor use only



EN: Class II equipment



1

2

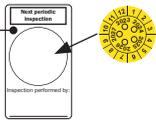
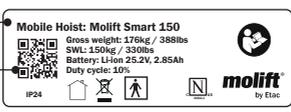
3

2

4

5

6



1

EN: Short user guide

2

EN: QR-code

3

EN: Product label

4

EN: Serial number label

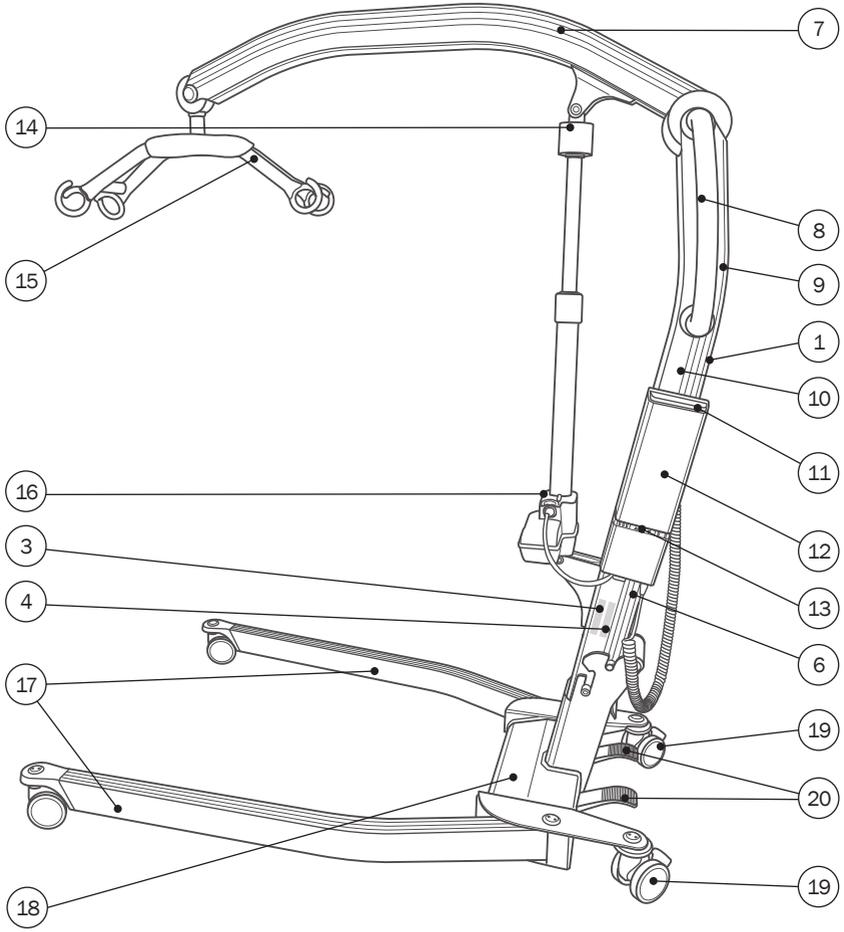
5

EN: (01) EAN-code, (11) date, (21) Serial number

6

EN: Periodic inspection





7

EN: Lifting arm

8

EN: Push handles

9

EN: Hand control

10

EN: Lifting column



11

EN: Emergency stop

12

EN: Battery

13

EN: Electric emergency lowering

14

EN: Manual emergency lowering

15

EN: Sling bar

16

EN: Motor/actuator

17

EN: Legs

18

EN: Chassis

19

EN: Wheel/castor (Rear with brake)

20

EN: Pedals for leg adjustment

General

Thank you for choosing an Etac device.

This manual must be read thoroughly before you start using the device as it contains important safety information and gives instructions on how to use the device correctly. Visit www.etac.com for all relevant product documentation, for example the user manual, maintenance and recycling instructions. You can select your language via the “International” and “Local websites” link.

You can also consult the QR code on the device for further information and instructions.

Copyright

This document is the property of Etac A/S. The content shall not be modified in whole or part without prior approval of Etac A/S.

Disclaimer

Etac continuously makes improvements to our devices and information. We therefore reserve the right to modify our devices and instructions for use without prior notice. Consult www.etac.com to find the latest version of the documentation.

CE Declaration of Conformity

The device mentioned in this manual and the different models hereof comply with the Medical Device Regulation (EU) 2017/745.

The device is classified as a Class I medical device.

Product standards

The device has been tested and complies with the requirements applicable for this type of device in the below mentioned standards:

- ISO 10535:2021 Assistive products – Hoists for the transfer of persons – Requirements and test methods.
- IEC 60601-1:2005 Medical electrical equipment – Part 1: General requirements for basic safety and essential performance.

Device description

Etac supplies a wide selection of Mobile hoists for different types of transfer situations. Molift Smart 150 is a light-weight and foldable mobile hoist intended for lifting and transferring a person from/to bed, floor, chair, wheelchair or toilet with a sling.

Smart 150 key features:

- Is transportable when folded.
- Powered with a battery.
- Has manual adjustable legs.
- Compact and easy to manoeuvre.

See www.etac.com for a complete overview of possible variants.

Clinical Benefits

The clinical benefits of the device are:

- Reduces work-related injuries or strain of carer.
- Allows transfer of dependent persons.
- Increases comfort and safety for the user.

- IEC 60601-1-2:2014 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral Standard: Electromagnetic disturbances – Requirements and tests.

The product has been tested and approved by a third party according to standards IEC 60601-1, IEC 60601-1-2 and EN/ISO 10535:2021.

Warranty

Please refer to www.etac.com/support.

If the customer makes adjustments, repairs or uses combinations not predetermined by Etac, the Etac CE certification and Etac warranty will not be valid. If in doubt, please contact Etac.

Notice

Any serious incident that has occurred in relation to the device should be reported to your distributor/representative and the national competent authority within your region in a timely manner. The distributor/representative will forward the information to the manufacturer.

Pre-sales information

Please visit www.etac.com.

Materials

Aluminium, plastic, steel.

For further information see Recycling instruction on www.etac.com.

Introduction

Definitions

The person referred to as “the user” is the person who is transferred in the device. “The carer” is the person who manages the device.

Intended purpose

The mobile hoist is an assistive device intended for alleviation of, or compensation for a functional impairment due to an injury or disability. The device is designed for users lacking the ability to stand up and transfer themselves to/from a bed, the floor, a wheelchair, a chair, a toilet or similar due to reduced mobility or physical strength.

Intended user

The intended users of the devices are based on the user’s functional ability and not on a specific diagnosis, health condition or age.

Ensure the user complies with the SWL/user mass and that a clinical risk assessment is conducted.

No limitation in body height – for specific recommendation see size guide in the user manual for the relevant sling.

Secondary users of the devices are carers providing assistance and clinicians/technicians who set up the device.

Intended environment

The devices are intended for indoor use on horizontal surfaces in acute care, long term care and home care.

They are not to be used in wet area.

Safety information

The safety of both user and carer must never be jeopardized – if you suspect that the device has a malfunction you must put it in quarantine marked “out of order” and call your local distributor/representative.



Safety signs, safety measures and warnings symbols are given in the context relevant for the actual handling and/or operating situation – it is mandatory the given instruction is followed to avoid dangerous/hazardous situations.



Signs, symbols and instructions placed on this device must never be covered or removed and must remain present and clearly legible throughout the entire lifetime of the device. Immediately replace or repair illegible or damaged signs, symbols, and instructions. Contact your distributor/representative for instructions.

See additional warnings in the Handling section.

Patient transfer

Transfer of a user will always pose a certain risk. Therefore, a risk assessment must always be carried out before the transfer is performed.



Warnings:

- Never use the device for transportation of goods.
- Never use the device for self-transportation.

Intended application

The device is intended for ‘Transient’ use, meaning continuous use for less than 60 minutes.

The device is intended for use with intact skin only. The device is intended for refurbishment and re-use.

Expected service life

The expected service life of Smart 150 is 30.000 cycles or 15 years, whichever comes first.

Indications

Indication for use is disability, including but not limited to, users who are in need of support to be lifted and transferred. E.g. people with limited ability to move and who require support during transfers.

Contraindications

There are no known contraindications.

Precautions

Make sure the sling fits the user and the sling bar.

Training requirements

Only carers who have read and understood the user manual are allowed to use the device.

- Never leave a user unattended in the device.
- Never use the device in the shower.
- Never use the device for gait training.
- Always transfer the user at a calm and stable speed.
- Never transfer the user in a standing position.

Risk assessment

Do a risk assessment of the device, the individual user and the transfer situation, and document your analysis. You as the carer are responsible for the safety of the user.

Plan the transfer in advance to ensure that it is performed as safe and smooth as possible.

Remember to work ergonomically according to local recommendations.



The carer must be able to handle the weight of the user.



To avoid serious injury, the user shall avoid extended reaching or leaning movements.

The device



Always check – before each use:

- that the device is suitable for the user and the transfer situation.
- that the device does not have visible damage.
- that the sling bar connection and all detachable parts are properly connected and secured.
- Make sure the sling bar is able to move freely in all intended directions.
- that the service LED (LED 4) is not on and the battery indicator has at least one green LED.
- that the sling strap does not have visible damage or frays.
- that the wheels are rolling freely and hoist is easy to maneuver.

Inspection to be performed monthly:

- test run hoists operation functions and make sure hoist does not make any abnormal sounds.
- test emergency stop button and emergency lowering.

If the inspection reveals any safety risks, the device must immediately be taken out of service.

Safety measures

Molift Smart 150 is equipped with several safety devices, which are intended to prevent damage or injuries to personnel and equipment in the case of incorrect use. The hoist has an overload sensor preventing the hoist to be operated if the load exceeds SWL. The lifting arm is hinged to prevent the arm and sling bar from squeezing the user. The actuator will not produce any force when moving downwards. The legs are folded together during transport to make the hoist as small as possible. When assembling the hoist, the legs must be opened to working position. The lifting column will not fix into the bracket if the legs are not adjusted beyond transport position - a safety feature ensures this. The electronics are disabled if overheated. Wait until the hoist has cooled down before using it again.

max 150 kg
max 330 lbs

Materials

All used materials which are to be in direct contact with skin are biologically assessed and evaluated according to relevant standards. However, users/carers who are allergic to any of the materials are recommended not to use the device.

Accessories

User manuals supplied with accessories must be read and understood before use. This includes any limitations in use and combinations.

Information about accessories can be found on www.etac.com.

Spare parts

A list of spare parts is available at www.etac.com.

Device combinations and sling compatibility

When combining a medical device with other devices or accessories, the combination must not change the by manufacturer defined intended purpose of the devices or modify the devices in such a way that compliance with applicable requirements, or safe use of the device are affected.

We recommend using Etac or Molift slings. The hoist can be combined with slings from other manufactures, visit www.etac.com for compatibility statements.

The person/company responsible for the combination of the devices must ensure that the applicable requirements are fulfilled.

Electric protection in combination with slings: Type BF Applied part.



If safe working load (SWL) differs between hoist, sling bar and sling, the lowest load should always be used.

Electronics

Battery

Molift Smart 150 has a 25.2 V lithium-ion NMC 2.85 Ah battery. The battery has a life expectancy of approx. 1700 charging cycles. Number of lifts with fully charged battery: 100 lifts (75 kg/165 lbs, 50 cm/20 inches).



Recharge battery upon receipt, and then every twelve months, to avoid battery failure.



Any damaged control box, battery or electronics on the device must be replaced.



Used batteries must be disposed of as special waste according to local rules and regulations. Do not dispose in general waste.

Speed boost

The hoist comes with a speed boost feature that enables increased speed, up to 30% faster, when the actuator is unloaded.

Motor/actuator

Motor/actuator: 24 V DC.

Lifting speed: 40 mm/second (1.57 inches/second) with 75kg (165 lbs) load.

Lifting speed: 63 mm/second (2.48 inches/second)

Cycle time: 55 second with 75kg (165 lbs) load.

Cycle time: 50 seconds.

Duty cycle

Molift Smart 150 should not run continuously for more than 2 minutes (with max load). After 2 minutes the hoist needs to rest for 18 minutes. Duty cycle 10%. (Intermittence according to standard ISO-EN 10535). The device has a maximum A-weighted sound power level: Lwa ≤ 50 dB.

Battery and service indicator (LED)

The control box has five light indicators.



The electrical system has a power save function which will turn off the electrical system after two minutes without activity. All lights will turn off.

The system is activated when pushing one of the operating buttons.

Battery indicator (LED)

The battery indicator (LED) will illuminate and make a sound when battery level is low and the hoist requires charging. When this occurs the hoist will have sufficient power available for at least one full lifting cycle with max load.

States in normal use

LED indicator	LED1 - LED2 - LED3	LED state (Not listed = off)	States
		LED 1-3 constantly on	75-100 % State of charge
		LED 1+2 constantly on	50-75 % State of charge
		LED 1 constantly on	<50 % State of charge
		LED 1 left side, switches from green to yellow and flashes slowly	Critically low battery (sound occurs when hoist is in use)

States while charging

LED indicator	LED1 - LED2 - LED3	LED state (Not listed = off)	States
		LED 1-3 constantly on	90-100 %
		LED 1+2 constantly on LED 3 flashes slowly	65-90 %
		LED 1 constantly on LED 2 flashes slowly	40-65 %
		LED 1 flashes slowly	0-40 %
		LED 1+2+3 flash slowly	Charging stopped due to low battery temperature, high battery temperature or other error conditions
		No light in LEDs	Charging stopped due to lost communication to battery

Service indicator

LED indicator	Priority	LED4 + LED5	LED state (Not listed = off)	States in normal use	Comments	Reset
	0		LED 4 flashing according to Bluetooth low energy pairing state	Pairing Bluetooth low energy	Not ready to drive	Wait until ready
	1		LED 4+5 constantly on	Emergency stop activated	Not ready to drive	Reactivate emergency stop
	2		LED 4+5 flashing fast (synchronous)	FATAL ERROR Cannot drive, has to be reset	No movement possible	Reset fatal error routine
	3		LED 4+5 flashing slowly (asynchronous toggling)	Not learned/ configured correctly	Not ready to drive	Contact local representative for service
	4		LED 5 flashing slowly	OVERLOAD on motor/ actuator	Momentary not ready to LIFT	Reduce load
	5		LED 4 flashing slowly	Duty cycle guard	Momentary not ready to LIFT	Wait until ready
	6		LED 4 slowly turns on and off	Periodic inspection needed	Drive is possible	Contact local representative for periodic inspection
	7		LED 4 constantly on	Service needed	Drive is possible	Contact service technician
	8		LED 4 constantly on (all remaining LED's flash while hoist is being operated)	Service overdue	Drive is possible (beeping while operating)	Contact service technician

Charging

The internal charger in the control box makes charging of the batteries efficient. Connect the power cable to the power socket located in the bottom corner of the control box.

The charging time depends on the battery capacity and condition. Typically, the charging time is approx. 3.5 hours from fully discharged state.

Protection against electric shock (Insulation Class)

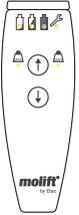
Internally powered during use/operation.

Class II during charging.

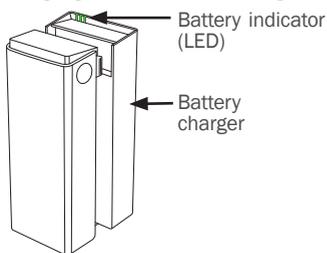


Hoist will not operate while charging.

Hand control - Protection class: IPX6

Overview	Icons	Description
		LED state of battery, service and overload.
		Buttons for lifting and lowering of lifting arm.

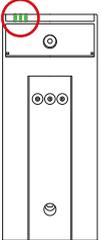
Charging with external charger (Optional)



Battery Charger

The battery charger can be used as a tabletop charger or mounted to a vertical wall surface close to a power outlet, minimum 120 cm above the floor. The charger has to be used outside the patient environment. The charger must be placed or installed in a way that makes it easy to disconnect mains cable plug. Take care not to damage the cable. The charger can be connected to the power outlet at all times.

Battery charger: 100-240 V AC, 50-60 Hz.
0,9 A output.

LED indicator	LED1 - LED2 - LED3	LED state (Not listed = off)	States while charging
		LED 1-3 constantly on	With battery or if no battery mounted on charger: 90-100 %
		LED 1+2 constantly on LED 3 flashes slowly	65-90 %
		LED 1 constantly on LED 2 flashes slowly	40-65 %
		LED 1 flashes slowly	0-40 %
		LED 1+2+3 flash slowly	Charging stopped due to low battery temperature, high battery temperature or other error conditions
		No light in LEDs	Charging stopped due to lost communication to battery

Service, cleaning and maintenance

Maintenance and service

Maintenance and inspections of the device is the responsibility of the owner of the device. Failure to maintain a device in accordance with the instructions may compromise the safety of the user and/or carer and may affect the expected lifetime of the device.

Inspection of the device must be carried out annually.

Check:

- that the device does not have visible damage.
- that labels are readable.
- that the leg adjustment and wheels move smoothly.
- that the brakes work.

Service scope

Service must be carried out by authorized personnel.

Service is needed when service LED (LED 4) is on. The service LED (LED 4) turns on after a certain number of lifts or after 5 years, whichever comes first.

Cleaning



Clean on a regular basis. Clean surfaces with a damp cloth using an appropriate pH-neutral detergent. Do not use solvents or strong liquids, this may damage surfaces on the hoist. For disinfection when needed; use isopropyl alcohol or similar. Avoid abrasive cleaning products. Remove hair and pile from the castors and verify that the castors rotates freely. Clean contact and hand control with isopropyl alcohol to remove grease and dirt. Check emergency stop and emergency lowering after cleaning. The hoist should not be exposed to running water.



Remove hair and filth from the wheels to ensure the wheels rotate freely and the brake functions properly.



Make sure not to damage or remove labels when cleaning.

Reconditioning

Separate reconditioning document is available at www.etcac.com.

Periodic inspection

Periodic inspection shall be performed annually or more frequently if required by local requirements. See the periodic inspection label on the product and the periodic inspection document at www.etcac.com.

Transportation, storage and disposal

Transportation and storage

When the device is not in use, it can be stored under the following conditions:



Keep packaging away from children.



Keep away from fire.



Medical electrical equipment requires special precautions regarding electromagnetic compatibility (EMC). Interference may occur in the vicinity of the hoists electronics.

For long time storage it is recommended that the emergency stop button is activated (pushed in). The hoist can be stored and transported under temperatures between -25 to 70 °C and relative humidity 15 - 93%.

Air pressure: 70 - 106 kPa.

Travel with Smart 150 on commercial airplanes

The battery for a Smart 150 is safe for transportation in commercial airplanes by design. However, some airlines might have specific requirements and regulations and it is recommended to contact the airline prior to booking a flight ticket. Below information on battery performance is commonly requested by the airline when being approached.

Battery type:	Lithium-ion, Nickel Manganese Cobalt Oxide	
Output voltage:	25.2 V	
Battery capacity:	2.85 Ah	2850 mAh
Total battery power:	71.82 Wh	
Weight:	0.9 kg	2 lbs

Disposal

The device contains no hazardous substances that require special disposal. Check if there are options available for recycling in an environmentally friendly way and follow the national provisions that apply. Dispose of the device according to the national provisions that apply.

Recycling

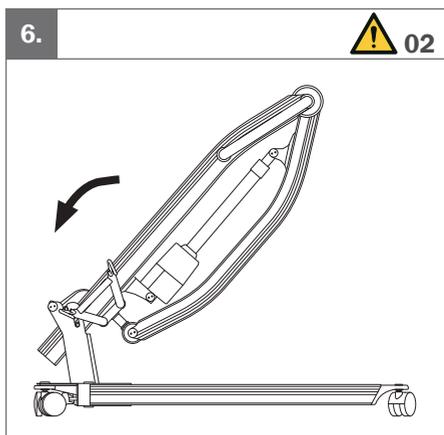
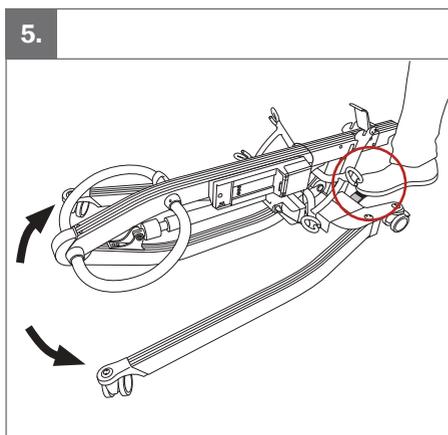
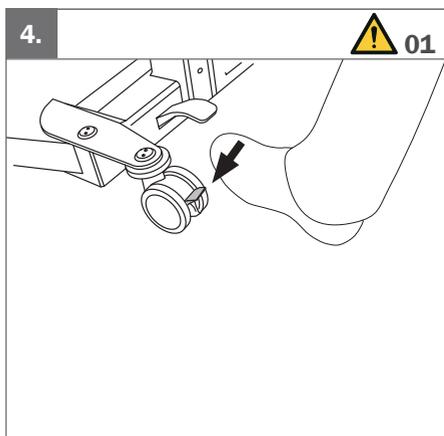
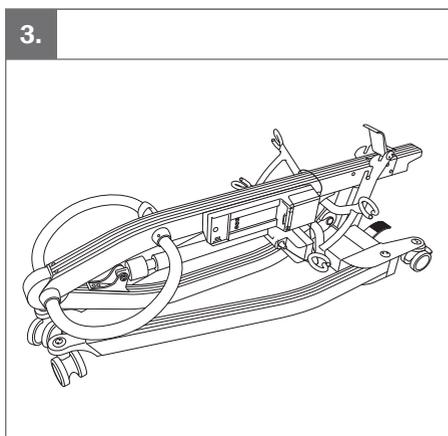
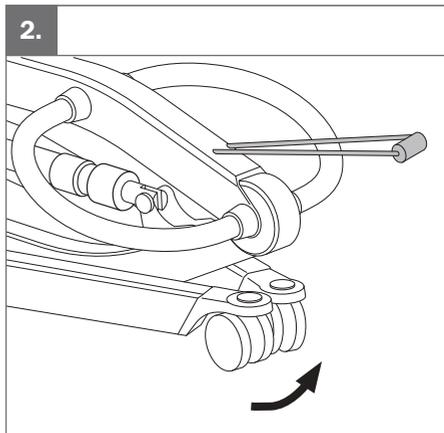
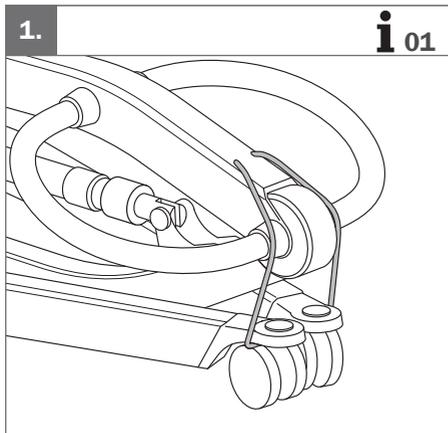
See the recycling instructions on www.etcac.com, and follow the national provisions that apply.

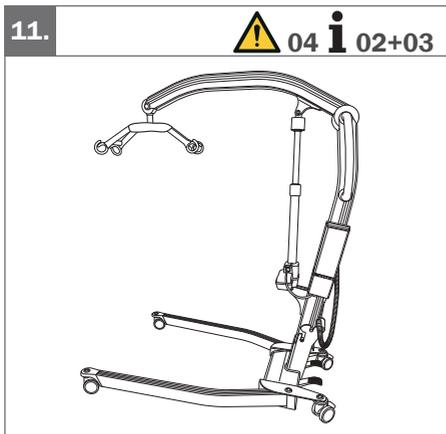
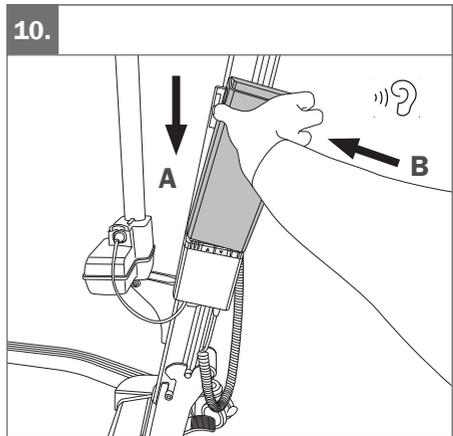
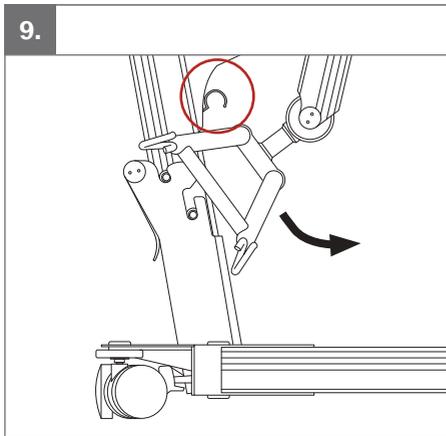
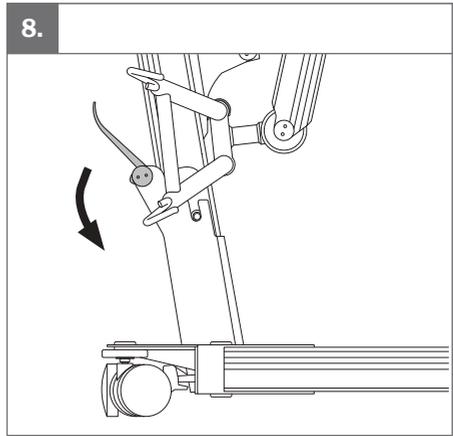
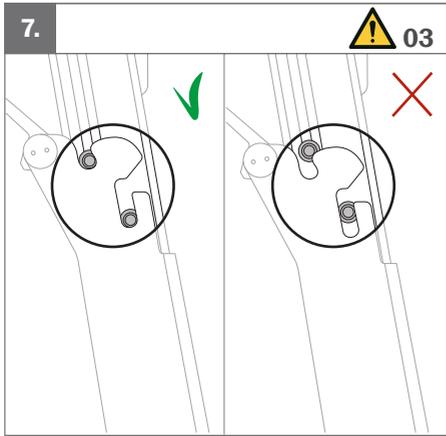
Troubleshooting

Problem	Action
The lifting column is unstable.	The lifting column is not correctly positioned in the chassis. Assemble column and chassis, and lock column by the locking handle on the chassis.
The hoist moves unevenly on a plane surface.	The castors move unevenly because of pile and dust. Clean the castors. Remove hair and dirt.
The lifting arm or adjustable legs moves uncontrolled.	Short circuit between hand control and hoist. Clean hand control plug surfaced with alcohol to remove grease. Defective hand control. Replace hand control. The control electronics has failed. Contact local representative for service.
The legs move uncontrolled.	The leg adjustment mechanism has failed. The product is unsafe to operate. Contact local representative for service.
The hoist does not respond to hand control action/the lifting arm does not move.	Emergency stop button is activated. To release emergency stop take off battery and replace again. Battery is discharged. Change or charge battery. The hoists electronics is overheated. Wait for it to cool down. The hoist is overloaded. Make sure the load does not exceed SWL. Hand control is not plugged in properly. Plug in hand control properly. Hand control, plug or cord can be broken and should be replaced. Defective control electronics. Contact local representative for service.
Battery does not charge.	Faulty battery. Check indicators on charger when charging. Try another battery. Faulty battery charger. Check indicators on charger when charging. See chapter "Charging". Try another charger.

EN: Handling

	Assembly		148
XX.  01+02 ...	Warnings		150
XX.  01+02 ...	Information		152
	Checklist		154
<hr/>			
	Emergency stop		156
XX.  01+02 ...	Warnings		158
XX.  01+02 ...	Information		159
<hr/>			
	Rising		161
	Lowering		163
XX.  01+02 ...	Warnings		164
XX.  01+02 ...	Information		169
<hr/>			





**EN:** Warnings

01. Make sure to lock the wheels before assemble the product.
02. Be careful not to get legs/arms/hands caught between the parts when raising/folding down the lifting column.
03. Make sure the column is positioned completely in the bottom of the chassis.
04. Do not start using hoist before completing control according to checklist after assembly.

NO: Advarsler

01. Lås hjulene før produktet monteres.
02. Pass på at ikke bein/armar/hender kommer i klem mellom delene når løftesøylen heves/felles ned.
03. Kontroller at søylen er plassert helt i bunnen av chassiset.
04. Løfteren skal ikke tas i bruk før monteringen er kontrollert iht. sjekklisten.

FI: Varoitukset

01. Varmista, että pyörät on lukittu ennen tuotteen kokoamista.
02. Varo, etteivät jalat/käsivarret/kädet jää kiinni osien väliin, kun nostopilaria nostetaan / taitetaan alas.
03. Varmista että pylväs on täysin alustan pohjalla.
04. Älä aloita nosturin käyttöä ennen asennuksen jälkeisen tarkistuslistan mukaista tarkastusta.

NL: Waarschuwingen

01. Vergrendel de wielen voordat u het product in elkaar zet.
02. Zorg ervoor dat er geen benen/armen/handen klem raken tussen de onderdelen wanneer u de tilkolom omhoog zet of inklapt.
03. Zorg ervoor dat de kolom volledig in de onderkant van het onderstel is gepositioneerd.
04. Voer na de montage altijd eerst een volledige controle uit aan de hand van de controlelijst alvorens de tillift te gebruiken.

IT: Avvertimenti

01. Assicurarsi di bloccare le ruote prima di montare il prodotto.
02. Fare attenzione a non schiacciare gambe/braccia/mani tra le parti quando si solleva o si ripiega la colonna di sollevamento.
03. Accertarsi che la colonna sia posizionata completamente nella parte inferiore del telaio.
04. Non iniziare a utilizzare il sollevatore prima di aver completato la verifica secondo la lista di controllo post-montaggio.

SV: Varningar

01. Se till att låsa hjulen innan produkten monteras.
02. Var försiktig så att inte ben/armar/händer kläms mellan delarna när lyftpelaren höjs/fälls ned.
03. Se till att pelaren är placerad helt och hållet i botten av chassis.
04. Börja inte använda lyften förrän en kontroll har genomförts enligt checklistan efter montering.

DA: Advarsler

01. Sørg for at låse hjulene, før produktet samles.
02. Pas på ikke at få ben/arme/hænder i klemme imellem delene under opstilling/sammenfoldning af løftesøjlen.
03. Sørg for, at søjlen kommer til at sidde helt nede i bunden af chassiset.
04. Begynd ikke at anvende liften, før du har gennemført en kontrol i henhold til tjeklisten efter samling.

DE: Warnungen

01. Vergewissern Sie sich vor dem Zusammenbau des Produkts, dass die Räder arretiert sind.
02. Seien Sie beim Hoch- und Herunterkippen der Hebesäule vorsichtig, um zu verhindern, dass Körperteile eingeklemmt werden.
03. Stellen Sie sicher, dass die Säule vollständig im Fahrgestell positioniert ist.
04. Der Lifter darf erst in Gebrauch genommen werden, wenn die Prüfliste nach der Montage durchgegangen wurde.

FR: Avertissements

01. Assurez-vous de bloquer les roues avant d'assembler le produit.
02. Veillez à ne pas vous coincer les jambes/bras/mains entre les différentes pièces lorsque vous soulevez/repliez la colonne de levage.
03. Assurez-vous que la colonne est placée bien au fond du châssis.
04. Terminez le contrôle indiqué par la liste de vérification post-montage avant de commencer à utiliser le lève-personne.

ES: Advertencias

01. Asegúrese de bloquear las ruedas antes de montar el producto.
02. Tenga cuidado para evitar que las piernas, las manos o los brazos queden atrapados entre las piezas al elevar o plegar la columna de elevación.
03. Cerciórese de que la columna quede totalmente colocada en la parte de abajo del chasis.
04. No empiece a utilizar la grúa sin haber revisado la lista de comprobación tras su montaje.

**SI:** Opozorila

01. Pred sestavljanjem izdelka blokirajte kolesa.
02. Pazite, da se noge/roke ne ujamejo med dele, ko dvigujete/zlagate dvizni steber.
03. Prepričajte se, da je steber v celoti nameščen v dno podvozja.
04. Dvigala ne začnite uporabljati, dokler ne opravite preverjanja in składu s kontrolnim seznamom po montaži.

IS: Viðvaranir

01. Læsa skal hjólum tryggilega áður en varan er sett saman.
02. Gættu þess að fætur/handleggir/hendur festist ekki á milli hluta þegar lyftisúlan er lyft/felld niður.
03. Gakktu úr skugga um að súlan sé alveg á botni undirvagnsins.
04. Ekki byrja að nota talíu fyrr en lokið er skoðun samkvæmt gátlista eftir samsetningu.

KO: 경고

01. 제품을 조립하기 전에 휠을 잠그십시오.
02. 리프팅 컬럼을 올리거나 내릴 때 부품 사이에 다리/팔/손이 끼이지 않도록 주의하십시오.
03. 컬럼이 새시 하단에 완전히 배치되었는지 확인하십시오.
04. 조립 후 체크리스트에 따라 제어를 완료하기 전에 호이스트를 사용하지 마십시오.

PL: Ostrzeżenia

01. Przed zmontowaniem produktu należy zablokować kółka.
02. Uważać, aby nogi/ramiona/dłonie nie znalazły się pomiędzy częściami podczas podnoszenia/składania kolumny podnoszącej.
03. Upewnić się, że kolumna jest prawidłowo osadzona na dole w stelażu nośnym.
04. Nie należy rozpoczynać użytkowania podnośnika przed zakończeniem kontroli w oparciu o listę kontrolną po zakończeniu montażu.

LT: Įspėjimai

01. Prieš montuodami gaminį įsitikinkite, kad ratukai užblokuoti.
02. Keldami / nuleisdami kėlimo stulpą būkite atsargūs, kad kojos / rankos / delnai neįstrigtų tarp dalių.
03. Įsitikinkite, kad stulpas visiškai įstatytas į važiuoklės apačią.
04. Nepradėkite naudoti keltuvo, kol neatlikote patikros po sumontavimo pagal kontrolinį sąrašą.

EN: Information

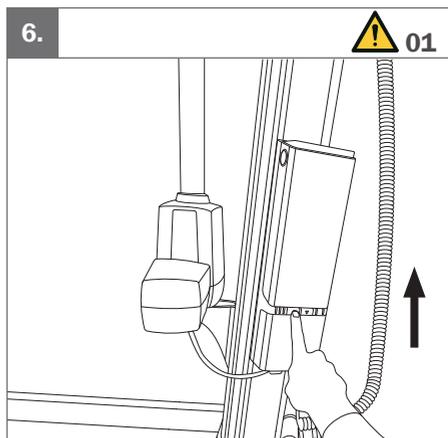
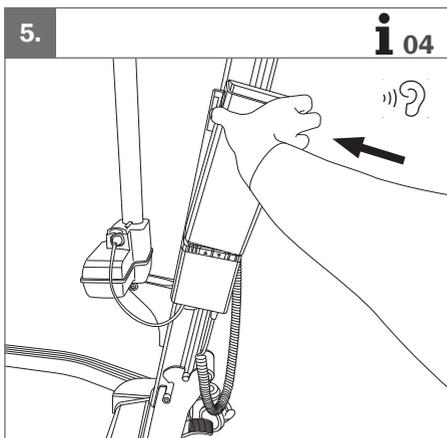
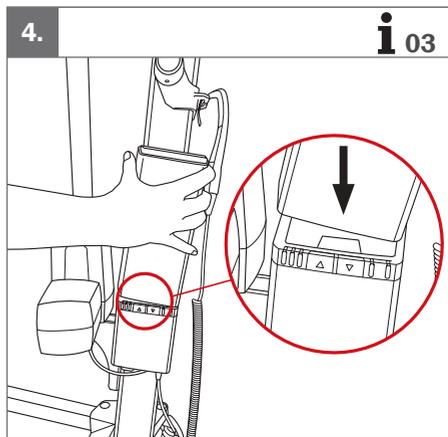
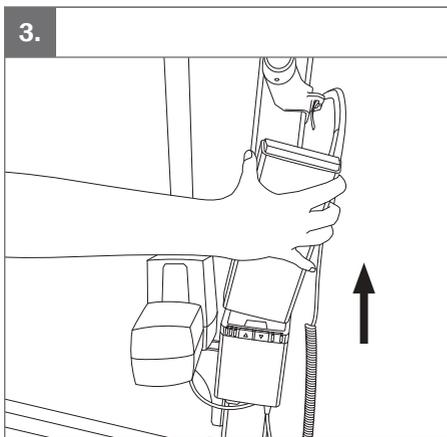
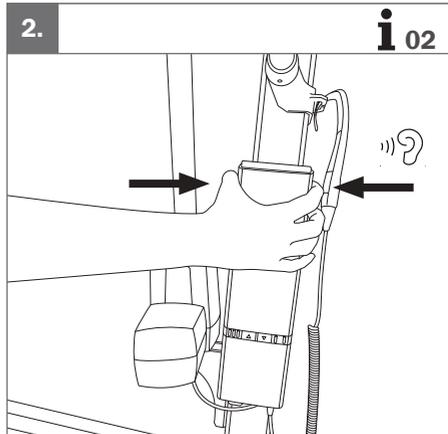
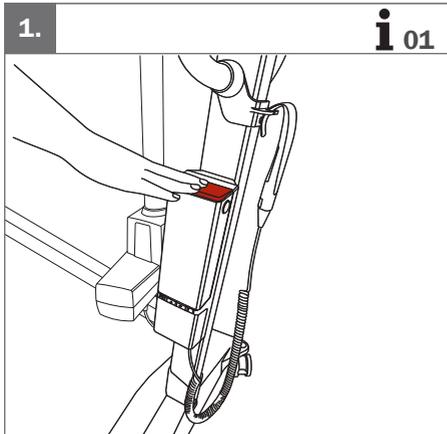
01. Assembly of unit is not allowed when the control box is on power via mains supply or battery!
If external charger is present, connect battery to charger and charge the battery during assembly process.
If there is no external charger then charge the battery after assembly process.
02. Folding/transportation: Run the lifting arm all the way down, and remove battery. Fold the hoist in reverse order of assembly.
03. Folding/transportation: It is possible to split the hoist into two separate parts by lifting the column from the chassis completely.

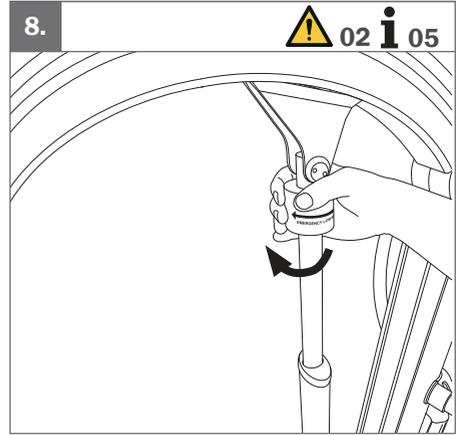
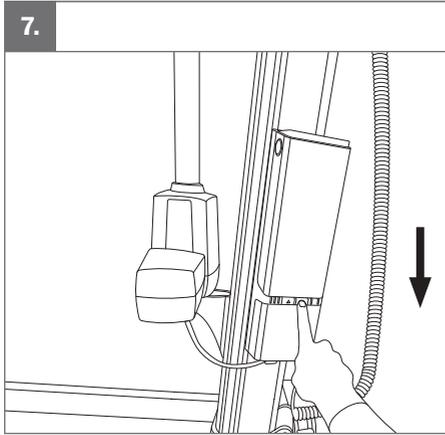


EN: Checklist after assembly

Make sure that:

- the lifting arm, lifting column and sling bar are properly fixed and that there are no loose parts on the hoist.
- the battery is charged.
- the hoist has no apparent damage or other faults.
- you perform one lift with load (approximately 50 kg).
Do not perform this lift with a person.





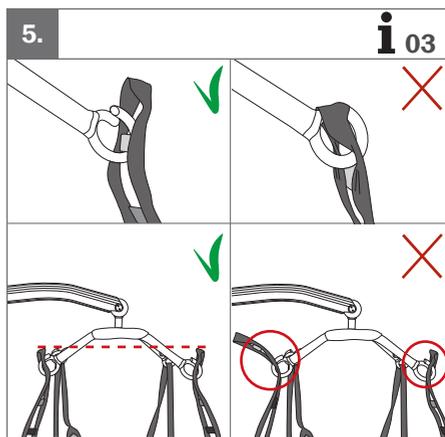
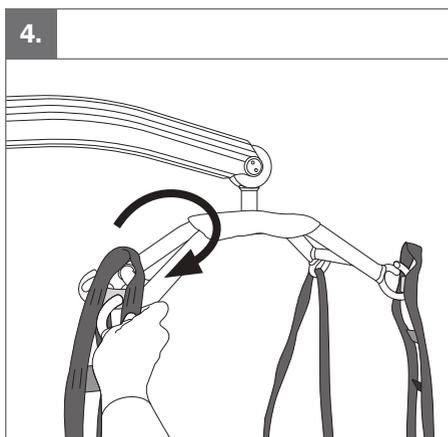
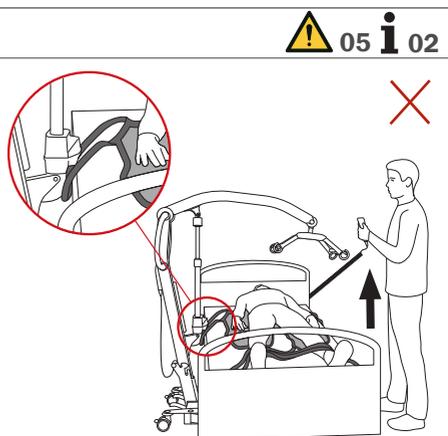
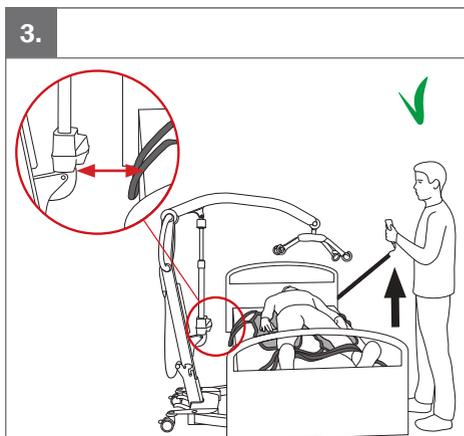
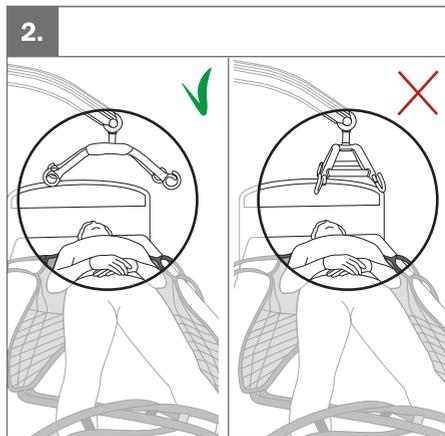
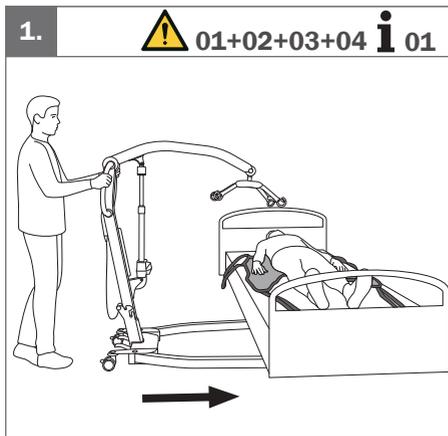
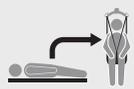


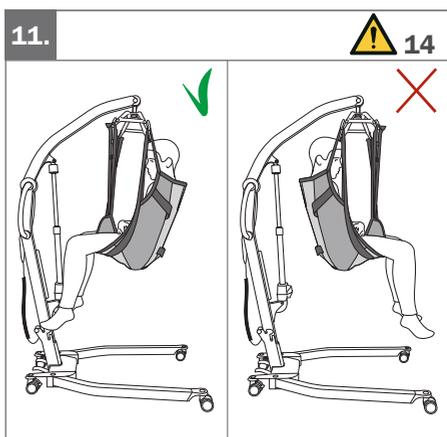
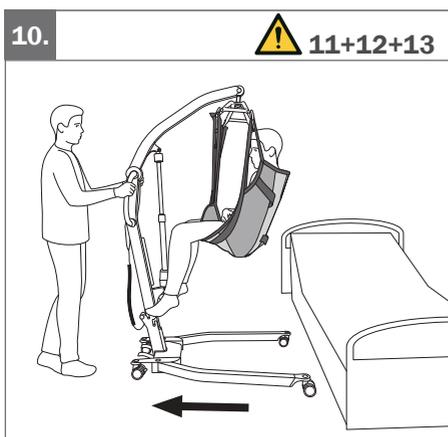
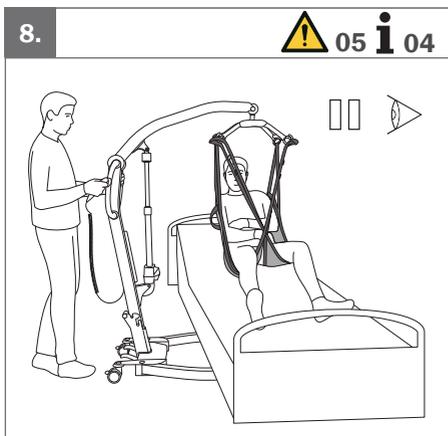
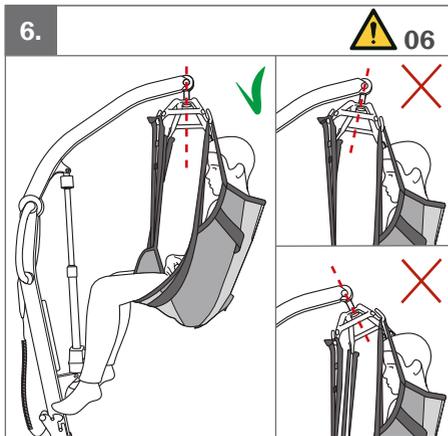
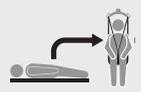
EN: Warnings

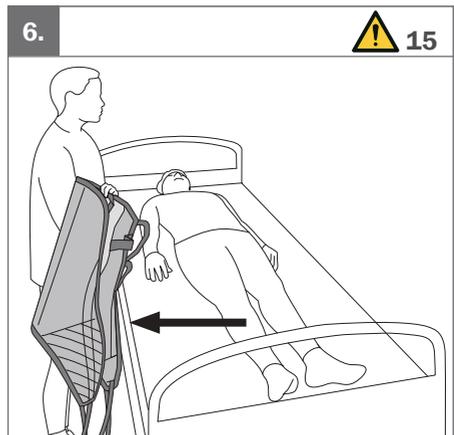
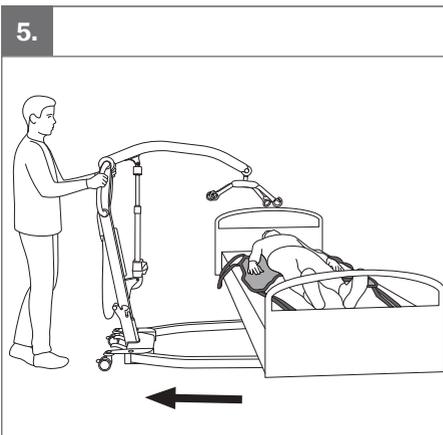
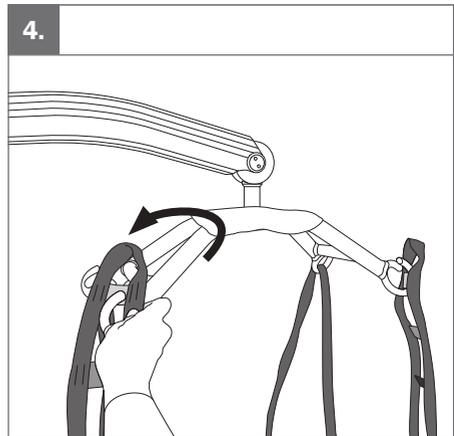
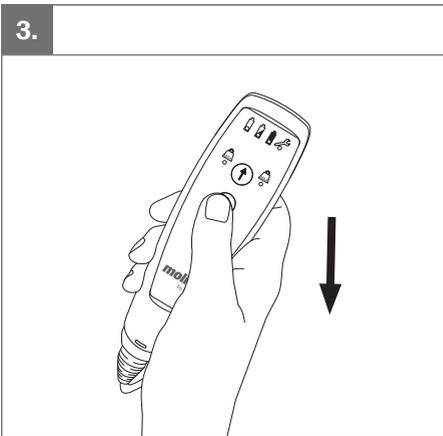
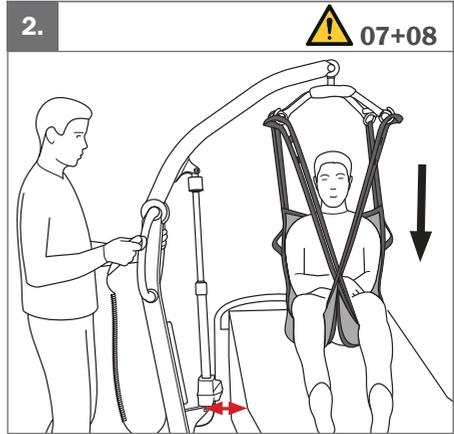
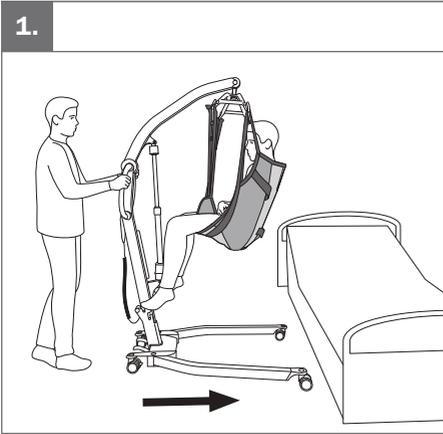
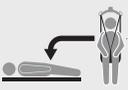
01. The electrical emergency lowering function does not work when the emergency stop is activated.
02. The manual emergency lowering function on the actuator should only be used when the electrical emergency lowering does not work.

EN: Information

01. Emergency stop: Push the red button on top.
02. Release emergency stop: Use thumb and index/middle finger to push buttons on battery sides.
03. Replace battery: Grab battery on sides and steer battery base over steering pin.
04. Push in place. This will release the emergency stop.
05. Manual emergency lowering: Turn the top of the actuator clockwise and the lifting arm moves downwards if under load.









EN: Warnings

01. Remove the main cable from the wall socket outlet before moving the lifter.
02. Use the push handles to move the hoist.
03. Avoid deep pile carpets, high thresholds, uneven or sloping surfaces.
04. The actuator must not be subject to impact, or any form of stress to the casing.
05. Make sure that there is a gap between the motor/ actuator of the hoist and the bed.
06. Make sure the sling bar is able to move freely in all intended directions.
07. The wheels on a mobile hoist must not be locked during a transfer, unless the user is hoisted from the floor.
08. If elevating bed during transfer, make sure motor/ actuator is clear of bed.
09. Be careful when transferring, the user may swing and hit surrounding objects.
10. Never hoist the user higher than necessary.
11. Do not push or pull the user, hoisting arm or motor/ actuator. This may cause stability problems and hoist may tip over.
12. The hoist shall only be used for movement over short distances. It is not a replacement for wheelchair or similar.
13. Be careful not to damage the hoist when it is transported e.g. to a bed or through a doorway.
14. User must be facing the hoist during a transfer.
15. Remove the sling gently to ensure the user does not roll out of the bed.

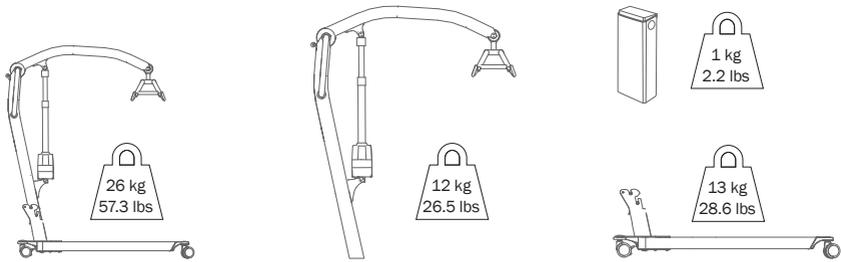
EN: Information

01. If needed, use leg adjustment for e.g. to get close to a chair.
02. If needed, elevate head end of the bed before doing the transfer.
03. Make sure the straps are fastened symmetrically on left and right side.
04. Perform a safety stop when the straps are stretched tense. Check that all straps are correctly and symmetrically attached.



Technical data

Weight



Dimensions

	mm	Inches		mm	Inches		mm	Inches
A	1315	51.77	I	1890	74.41	Q	995	39.17
B	195	7.68	J	595	23.42	R	1100	43.31
C	515	20.28	K	1200	47.24	S	810	31.89
D	1040	40.94	L	110	4.33	T	1180	46.46
E	1665	65.55	M	1150	45.28	U	1308	51.50
F	410	16.14	N	475	18.70	V	360	14.17
G	1455	57.28	O	630	24.80	W	475	18.70
H	1865	73.43	P	730	28.74	X	1160	45.67

