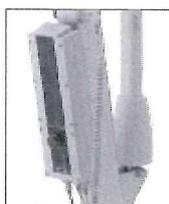
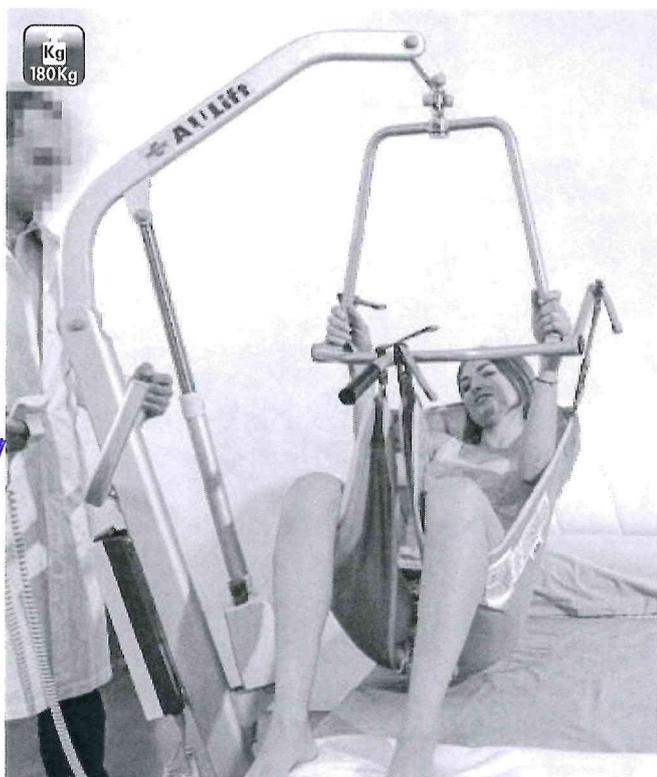


ALULIFT™ 180 hospital model



P Professional control unit with display

AS13P000

ALULIFT 180 P

- 1. Aluminium lift - version suitable for care centre / home
- 3. Professional control unit with display, controls on front panel, built-in battery charger, removable battery, safety functions, information on overloading, maintenance service and technical data.
- 5. Electrical lifting 180 kg
- 7. Electrical leg spread
- 8. Spreader bar for loops slings

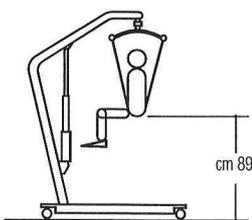


In this picture the Alulift model is used with the accessory Balance spreader bar - code AC0288 for clips slings.

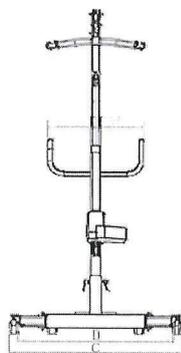
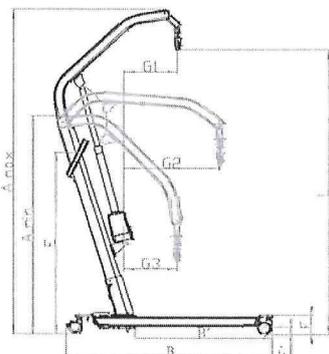
INFORMATION ON THE CONTROL UNIT DISPLAY



HOISTING AND TRANSFER



Weighing kit XP0000010 implies an height lowering of 15 cm



COMMON ACCESSORIES



XP0000010
WEIGHING KIT
Capacity: 300 kg



AC0288
ALULIFT BALANCE SPREADER BAR
For clip slings.
Capacity: 220 kg

SPECIFIC ACCESSORIES

- (only for "P" versions)
- 01132 SPARE BATTERY IPX4
 - AC0319 PORTABLE BATTERY CHARGER
 - AC0318 WALL BATTERY CHARGER
 - SLINGS WITH LOOPS**
 - XSL007 SLING WITH LOOPS - M
 - XSL008 SLING WITH LOOPS - L
 - XSL009 SLING WITH LOOPS - XL
 - XSL001 SLING WITH CLIPS - M
 - XSL002 SLING WITH CLIPS - L
 - XSL003 SLING WITH CLIPS -XL

SLINGS WITH CLIPS

- XSL004 TOILETING SLING WITH CLIPS - M
- XSL005 TOILETING SLING WITH CLIPS - L
- XSL006 TOILETING SLING WITH CLIPS - XL

Capacity kg	A		B	B'	C	D	F	F'	E	G			L		W	Weight kg
	Max	Min								G1	G2	G3	Max	Min		
	180	204								140	113	76	62-109	54-101		
	199	135							110				176	44		
	194	130							105				170	39		

ALULIFT 180

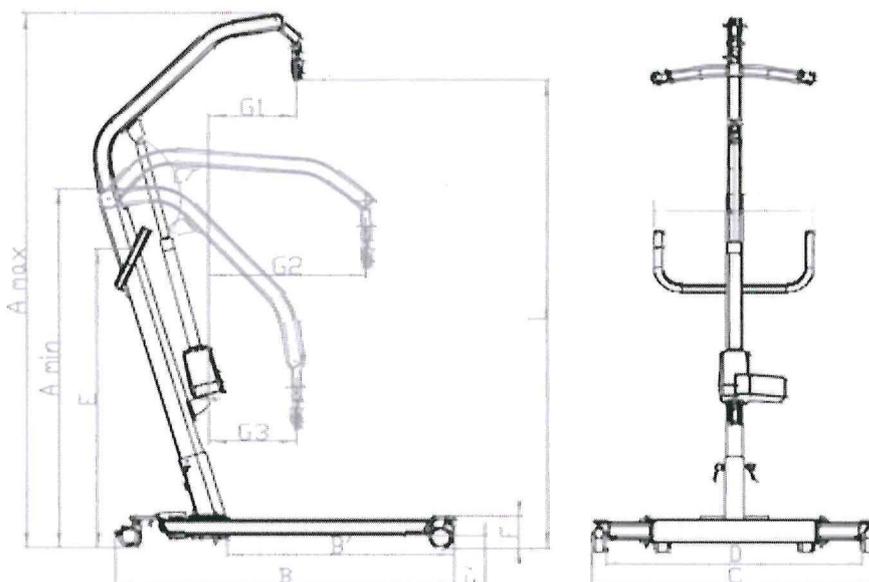


Profesionalus valdymo blokas su ekranėliu

AS13P000

Alulift 180 P

- Aliuminis keltuvas – skirtas naudoti priežiūros centruose/ namuose
- Profesionalus valdymo blokas su ekranėliu, valdikliai ant priekinės panelės, integruotas baterijos kroviklis, nuimama baterija, saugos funkcijos, informacija apie per didelę apkrovą, priežiūrą ir techniniai duomenys.
- Elektrinis pakėlimas 180kg
- Kojų atramos reguliuojamos elektros pagalba
- Rėmas kėlimo diržams su kilpomis



Kėlimas kg	Išmatavimai cm													Svoris kg		
	A		B	B'	C	D	F	F'	E	G			L		W	
	Max	Min								G1	G2	G3	Max			Min
180kg	204	140	113	76	62- 109	54- 101	11	5	115	29	52	26	180	49	52	38
	199	135							±3	±3	±3	176	44			
	194	130										170	39			

13.DECLARATION OF CONFORMITY

**DICHIARAZIONE DI CONFORMITÀ - DECLARATION OF CONFORMITY
 DÉCLARATION DE CONFORMITÉ – DECLARACIÓN DE CONFORMIDAD**

SECONDO L'ALLEGATO VII DELLA DIRETTIVA 93/42/CEE MODIFICATA DALLA 2007/47/CE
 ACCORDING TO ANNEX VII OF DIRECTIVE 93/42/EEC AS AMENDED BY 2007/47/EC
 SELON L'ANNEXE VII DE LA DIRECTIVE 93/42/CEE MODIFIÉE PAR LA 2007/47/CE
 SEGÚN EL ANEXO VII DE LA DIRECTIVA 93/42/CEE MODIFICADO POR LA 2007/47/CE



<p>Codice articolo - <i>Product code</i> <i>Code de l'article - Código del artículo</i></p> <p>Denominazione prodotto <i>Product name</i> <i>Dénomination du produit</i> <i>Denominación del producto</i></p> <p>Destinazione d'uso <i>Intended use</i> <i>Destination d'emploi</i> <i>Destino de empleo</i></p> <p>Classificazione 93/42/CEE – <i>93/42/CEE Class</i> <i>Classification 93/42/CEE – Clasificación 93/42/CEE</i></p> <p>Produttore – <i>Manufacturer</i> <i>Producteur - Productor</i></p>	<p>AS13x000 X: P=Plus / S=Standard</p> <p>ALULIFT 180</p> <p><i>SOLLEVAPAZIENTI</i> <i>HOIST</i> <i>LIFTERS</i> <i>ELEVADORES</i></p> <p>I</p> <p>CHINESPORT Spa – Via Croazia 2 – 33100 Udine - Italy</p>
<p>I dispositivi sopra elencati sono conformi ai requisiti essenziali della Direttiva sui Dispositivi Medici 93/42/CEE e successive modifiche <i>The devices listed above comply with the essential requirements of MDD 93/42/EEC and subsequent amendments.</i> <i>Les dispositifs du dessous sont conformes aux qualités essentielles de la Directive sur les dispositifs médicaux 93/42/CEE et suivantes modifications.</i> <i>Los dispositivos sobre listados son conformes a los requisitos esenciales de la Directiva sobre los dispositivos médicos 93/42/CEE y sus posteriores modificaciones.</i></p>	
<p>Udine, 2012.05.11</p>	<p>CHINESPORT S.p.A. (Legal Representative)</p> 

CHINESPORT S.P.A.
 Via Croazia,2 33100 Udine
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 Tel. +39.0432.621.621 - Fax +39.0432.621.620
 www.chinesport.it

Smart[®] molift

Light and handy, the Smart[®] lifter is a real innovation

1. **Made out of aluminium**, Smart[®] has a light weight, is easily foldable and can be dismantled in two parts.

Extremely easy to use by nursing staff, Smart[®] is a lifter particularly adapted to private and public hospitals.

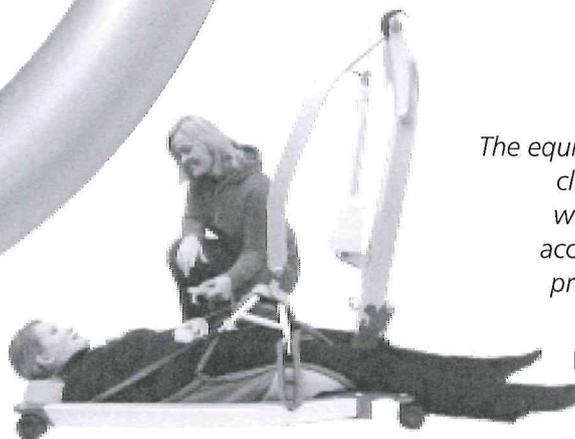
Smart[®] is a compact lifter which allows all kinds of transfers. It can be used with a wide range of slings adapted to various pathologies and morphologies.

Smart[®] is exclusively designed to perform lifting and stopping with soft and progressive movements, as well as two different working speeds, to provide maximum comfort to the patient and the nursing staff.



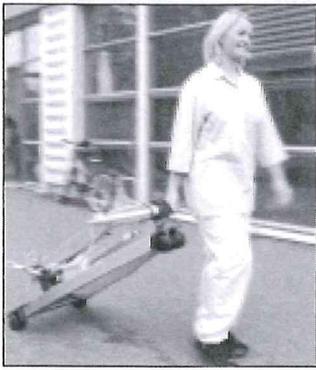
Thanks to its design with ergonomic and soft curves, Smart[®] enhances the hospital environment and makes the comfort easier for users.

Its ergonomics and lightness offer easy handling and smooth transfer movements, in all positions.



The equipment can be entirely cleaned and disinfected with standard products, according to the relevant protocol of the hospital.

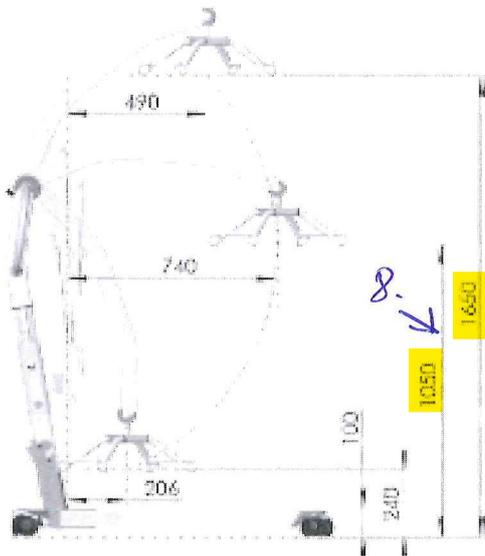
Lifting from the floor



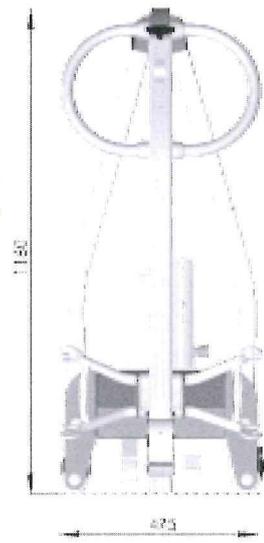
EasyScale®, fitted on the Smart® lifter

Technical features

dimensions in millimetres



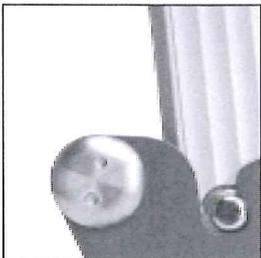
▲ Dimensions of the unfolded Smart®



▲ Dimensions of the folded Smart®, upper view.



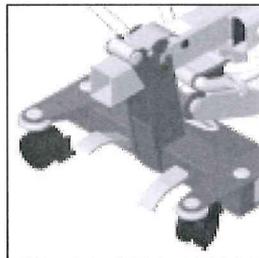
▲ Bulk of the base opening



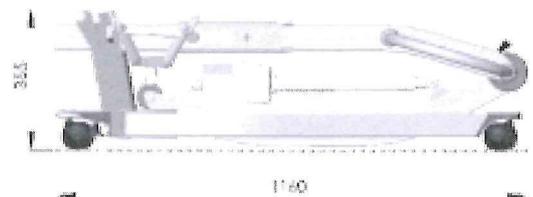
Mechanism to lock the pole



Pivoting suspension with its specific padded protection cover



Pedals to open and close the base



▲ The folded Smart®, side view

Dimensions in working position	Length : 1160 mm Width : 660 à 1060 mm Height : 1900 mm
Dimensions of the folded Smart®	Length : 1160 mm Width : 475 mm Height : 355 mm
Materials	Aluminium and steel
Motor	12 VDC

Weight	with battery : 24,9 kg
Lifting height	150 kg
Under the sacrum	750 mm
Height of the base	100 mm
Battery Power Pac	14,4 V NiCd 1,9 Ah
Easy Scale weighing system	up to 200 kg autonomy with batteries

none contractual document

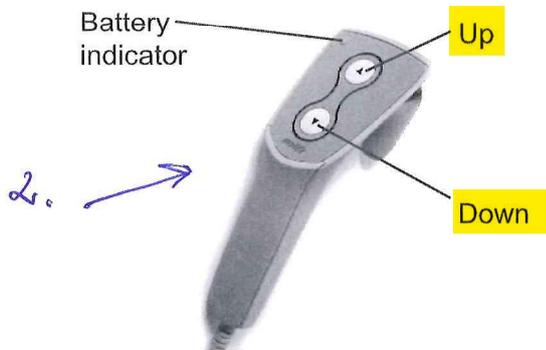


PRAXIS MEDICAL TECHNOLOGIES

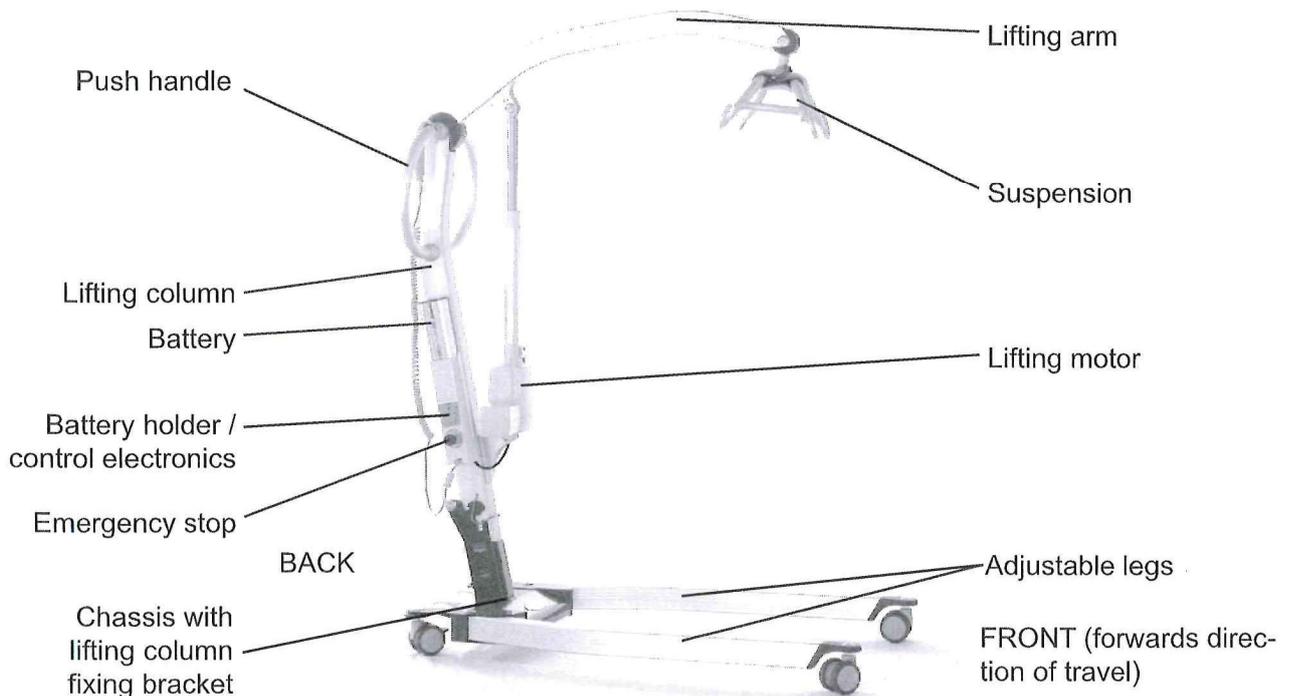
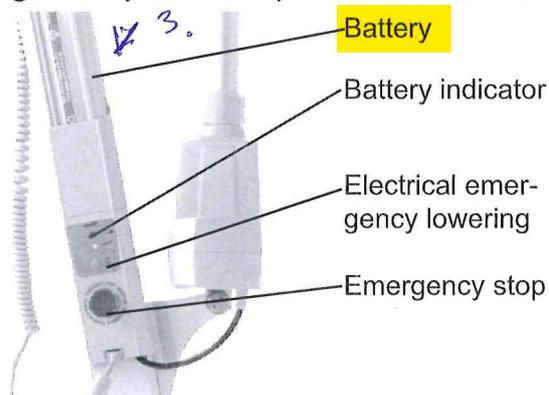
107, rue Dassin - Parc 2000 - 34080 Montpellier - France - Tel. +33 499 77 23 23 - Fax +33 499 77 23 39
e-mail : info@praxismedical.com - http://www.praxismedical.com

Molift Smart 150 - use

The Molift Smart 150 hand control has two buttons (up and down). In addition there is a diode which gives a light if the battery needs charging.



The legs are adjusted with pedals on the chassis.



Checklist before use

1. Check that the lifter has no apparent damage or other faults.
2. Check that there are no loose parts, and ensure that the lifting column is properly fixed and that the locking handle is properly tightened.
3. Check that the legs are moving in working position only, meaning that the legs do not move inside working position with the column mounted (see fig A).
4. Check that the suspension is released from the transport hook.
5. Check that the emergency stop button is not activated and that the lifter is functioning.
6. Check that you have sufficiently charged batteries (that the battery diode on hand control or chassis does not light).
7. Check that the service lamp gives a green light. If yellow or red light, send lifter to service.
8. If there are any faults or irregularities, the lifter should be taken out of service immediately and marked "out of order". Contact your service partner or local Molift representative.

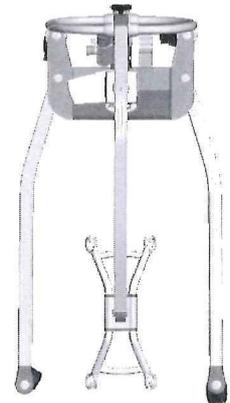


Fig A

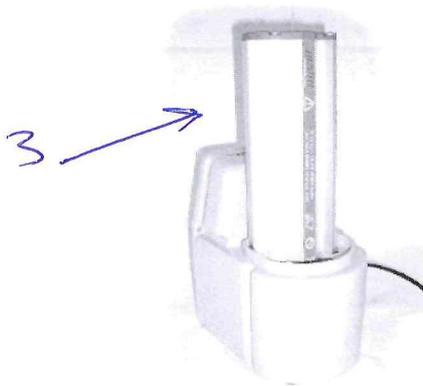
Operation

Battery charger

Molift Smart 150 is supplied with a battery with a 14,4 V cell unit that is placed in the battery holder on the lift. A battery charger is also supplied to be located easily accessible, either stand-alone or mounted on the wall. Connect the charger mains cable to the wall socket when charging the battery.



Disconnect the charger mains cable when the charger is not used. Take care not to damage the cable.



Place the battery in the holder according to the arrow markings. After a few seconds the charger LED will change from yellow to orange, indicating that the battery is charging. When the LED gives a constant green light the battery is fully charged.

The charger LED indicate the status of the battery as described below:

LED	Mode
Yellow	No battery
Yellow	Initialization (10 sec)
Orange	Fast charge
Green/yellow	Top-off charge
Green	Trickle charge
Orange/green	Error

Battery capacity

The battery indicator on the hand control will illuminate if the voltage of the battery falls below a certain level, indicating the need for charging. There will also be an audible signal. There is still enough capacity to perform 3-5 lift cycles (75 kg) at this point. The battery indicator on the battery

holder illuminates only if the handcontrol unit is disconnected and the battery needs charging.



If the battery is discharged during a lift, it is always enough power to lower the user down again.



New batteries will not achieve full capacity before it has been fully charged and discharged a couple of times.



The battery lifetime is about 500 charging cycles.

Electronics



There is a counter implemented in the electronic system of the lifter, registering the number of lifts. This number can be read by using the Molift Servitool, and a service lamp indicates when the lifter needs service consisting of exchange of the lifting motor. See the chapter "Maintenance".

The electronic system has a power save-function which makes the system sleep after a while with no activity. All lights will go out. Activate the system by pushing one of the buttons on the hand control.

If the lifter is run up and down constantly for a longer period, the electronics may be overheated and the lifter will stop. Wait until the lifter is cooled down enough for further use.



Discarded lifters and batteries should be handled as electronic waste and collected separately according to local laws and regulations.

Accessories

Lifting sling

Molift Easy Paediatric Sling

Size	No head support	With head support
XXS	Art. no 3005050	Art. no 3006050
XS	Art. no 3005000	Art. no 3006000

Easy Toilet Sling and Basic Bathing Sling for kids, see the tables below, size XXS and XS.

Molift Easy Sling

Size	No head support	With head support
XS	Art. no 3025000	Art. no 3026000
S	Art. no 3025100	Art. no 3026100
M	Art. no 3025200	Art. no 3026200
L	Art. no 3025300	Art. no 3026300
XL	Art. no 3025400	Art. no 3026400
XXL	Art. no 3025500	Art. no 3026500

Molift Basic Sling

Size	No head support	With head support
XXS	Art. no 3021050	Art. no 3022050
XS	Art. no 3021000	Art. no 3022000
S	Art. no 3021100	Art. no 3022100
M	Art. no 3021200	Art. no 3022200
L	Art. no 3021300	Art. no 3022300
XL	Art. no 3021400	Art. no 3022400
XXL	Art. no 3021500	Art. no 3022500

Molift Basic Bathing Sling

Size	No head support	With head support
XXS	Art. no 3023050	Art. no 3024050
XS	Art. no 3023000	Art. no 3024000
S	Art. no 3023100	Art. no 3024100
M	Art. no 3023200	Art. no 3024200
L	Art. no 3023300	Art. no 3024300
XL	Art. no 3023400	Art. no 3024400
XXL	Art. no 3023500	Art. no 3024500

Molift FullSling

Size	With head support
S	Art. no 3047010
M	Art. no 3047011
L	Art. no 3047012

Molift Easy Toilet Sling

Size	No head support	With head support
XXS	Art. no 3032050	Art. no 3033050
XS	Art. no 3032000	Art. no 3033000
S	Art. no 3032100	Art. no 3033100
M	Art. no 3032200	Art. no 3033200
L	Art. no 3032300	Art. no 3033300
XL	Art. no 3032400	Art. no 3033400
XXL	Art. no 3032500	Art. no 3033500

Molift Easy Toilet Sling Comfort

Size	No head support	Separate head support
XXS	Art. no 3016050	Art. no 3016055
XS	Art. no 3016000	Art. no 3016001
S	Art. no 3016100	Art. no 3016111
M	Art. no 3016200	Art. no 3016222
L	Art. no 3016300	Art. no 3016333
XL	Art. no 3016400	Art. no 3016444
XXL	Art. no 3016500	Art. no 3016555

Molift Easy Amputee Sling

Size	No head support	With head support
XXS	Art. no 3027050	Art. no 3028050
XS	Art. no 3027000	Art. no 3028000
S	Art. no 3027100	Art. no 3028100
M	Art. no 3027200	Art. no 3028200
L	Art. no 3027300	Art. no 3028300
XL	Art. no 3027400	Art. no 3028400
XXL	Art. no 3027500	Art. no 3028500

Molift Patient Specific Sling

Size	With head support
S	Art. no 3050100
M	Art. no 3050200
L	Art. no 3050300
XL	Art. no 3050400

Bag for slings - Art. no 3048000

Smart molift

Lengvas ir patogus, Smart keltuvas yra tikra inovacija

Pagamintas iš aliuminio, Smart yra lengvas, lengvai sulankstomas ir gali būti išmontuojama į dvi dalis.

Labai paprastas naudoti slaugos personalui, Smart keltuvas yra ypač pritaikytas privačioms ir valstybinėms ligoninėms.

Smart yra kompaktiškas keltuvas, kuris gali atlikti visų rūšių perkėlimus. Jis gali būti naudojamas su įvairiais diržais pritaikytais įvairioms patologijoms ir morfologijoms.

Smart yra išskirtinai suprojektuotas atlikti kėlimą ir sustabdymą su tolygiu ir laipsnišku judesiu, taip pat du skirtingi kėlimo greičiai, tam kad suteikti maksimalų komfortą pacientui ir slaugos personalui.

Išmatavimai darbinėje padėtyje:

Ilgis: 1160mm

Plotis: 660 iki 1060mm

Aukštis: 1900mm

Sudėto Smart išmatavimai:

Ilgis: 1160mm

Plotis: 475mm

Aukštis: 355mm

Medžiaga: Aliuminis ir plienas

Variklis: 12VDC

Svoris: su baterija 24,9 kg

Kėlimo galia: 150kg

Bazės aukštis: 100mm

Baterija: 14,4 V NiCd 1,9Ah

Svarstyklės: iki 200kg su autonominėmis baterijomis

Molift Smart 150 – naudojimas

Molift Smart 150 rankinis valdymo blokas turi 2 mygtukus (priklausomai nuo modifikacijos gali būti 4). Papildomai yra diodas, kuris šviečia jei reikia pakrauti bateriją.

Veikimas

Molift Smart 150 tiekiamas su 14,4 V baterija, kuri yra idėta į baterijos laikiklį keltuve. Baterijos pakrovėjas taip pat yra komplekte, kuris gali būti pastatomas ar tvirtinamas prie sienos. Kraunant bateriją pakrovėją maitinimo kabelį įjunkite į maitinimo lizdą.



EtacAS, EtacSupplyGjøvik
 Hadelandsveien 2
 2816 Gjøvik
 NORWAY
 Telephone: +4740001004

EC DECLARATION OF CONFORMITY

Hereby declare that the following product:

Molift Smart 150

and that the accessoires used only together with this product,
 are CE marked and complies with the Council Directive concerning medical devices 93/42/EEC,
 and according to this classified as medical equipment Class I.
 Annex IX rules that all non invasive devices are in Class I.

Expiration date: 15th June 2022

Product classification:

12 ASSISTIVE PRODUCTS FOR PERSONAL MOBILITY
 12.36 ASSISTIVE PRODUCTS FOR LIFTING PERSONS
 12.36.03 MOBILE HOISTS FOR TRANSFERRING A PERSON IN SITTING POSITION WITH SLING SEATS

Usage: Reusable medical device
 Sterility: Non
 Classification: MDD Class 1

Molift Smart 150 is manufactured in conformity with the following national or
 international standards that also might implement a harmonised standard:

EN 10535:2006 Hoists for the transfer of disabled persons - Requirements and test methods
 EN 14971:2012 Medical equipment - Risk analysis
 EN 60601-1 Medical electrical equipment
 EN 60601-1-2 Electromagnetic compatibility
 EN 60601-11 Medical electrical equipment used in the home healthcare environment
 RoHS 2 - Directive 2011/65/EU

Title: Quality Manager
 Name: Åsmund Amlien
 Company: Etac AS, Etac Supply Gjøvik

08.08.2017
 Date

Signature 

ETAC AS
 Etac Supply Gjøvik
 Hadelandsveien 2
 NO-2816 Gjøvik, Norway