

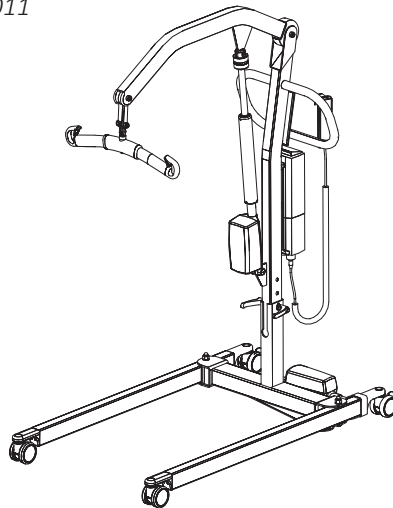
Uno™ 100/102 mobile lift



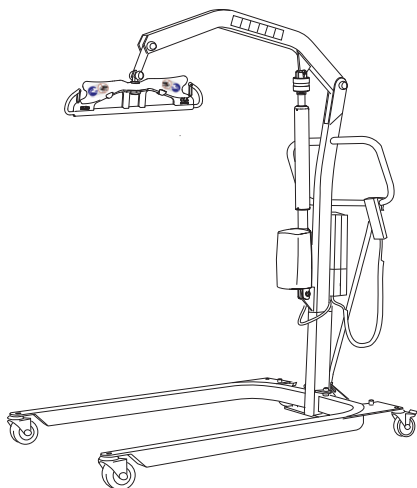
Service Manual

Product No.

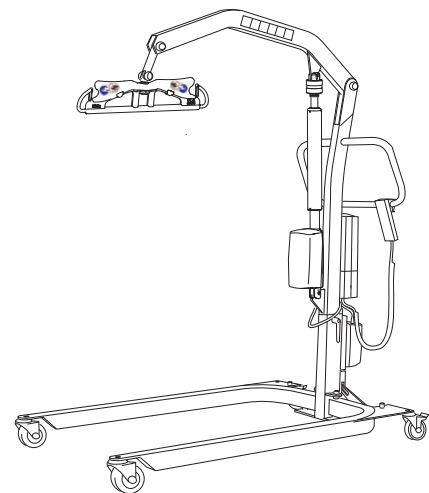
2010003	Uno 102 EM	<i>discontinued 2011</i>
2010004	Uno 102 EE	
2010005	Uno 102 ES	<i>discontinued 2011</i>
2010011	Uno 100 EE	<i>discontinued 2013</i>
2010012	Uno 100 EM	<i>discontinued 2011</i>




Prod. No. 2010004, Rev 01
Uno 102 EE from S/N 52 000



Prod. No. 2010012 Uno 100 EM
2010003 Uno 102 EM



Prod. No. 2010011 Uno 100 EE
2010004 Uno 102 EE to S/N 51 999
2010005 Uno 102 ES

 *In this document, this warning symbol indicates that special care should be taken. If instructions are not followed there is a risk of serious injury to patient or caregiver.*

Spare part statement

Liko AB will as manufacturer of stationary & mobile lifts keep spare parts available for 10 years after the last manufacturing date of the product.
Spare parts are available in the spare parts list or in the Service Manual for each model of lift.
Components (manufacturing parts) are not available after last manufacturing date.

Repairs and maintenance may only be performed by personnel authorized by Hill-Rom and using original Liko™ spare parts.
For information regarding Service and Maintenance education, contact your Hill-Rom representative.
For contact information please visit our websites: www.hill-rom.com / www.liko.com

Table of Contents

UNO™100/102 mobile lift

	<u>Page</u>
1.0 Technical Data	
1.1 Uno 100/102.....	4
1.2 Uno 102 EE, Rev. 1.....	5
2.0 Troubleshooting.....	6
3.0 Spare Parts Assembly information	7
4.0 Spare Parts List	
4.1 Uno 100/102.....	8
4.2 Uno 102 EE, Rev. 1.....	12
5.0 Periodic Inspection Information.....	16
6.0 Preventive Maintenance	17
7.0 Product Changes.....	18

1.1 Technical Data Uno™ 100/102 mobile lift

Uno 100/102 (up to S/N 51 999)

Lifting speed: 3.0 cm/s without load
 Model ES has two speed levels:
 3.0 and 2.0 cm/s (1.2 and 0.8 inch./s)

Batteries: 2 pcs. 12 V 2.9 Ah valve-regulated lead-acid gel-type batteries. New batteries available from supplier.

Battery charger: Built-in charger, 100-240 V AC, 50-60 Hz, max. 400 mA.

Motor (mast): 24 V, 6 A, permanent magnetic motor with mechanical safety mechanism, safety nut and outer tube.

Motor (Base): 24 V, 3.5 A, permanent magnetic motor.

Wheels: Standard front: 75 mm dual.
 Standard rear: 75 mm single wheel with brake.
 Alt. front: 100 mm single.
 Alt. rear: 100 mm single wheel with brake.




Material: Painted steel with lacquer top coat.

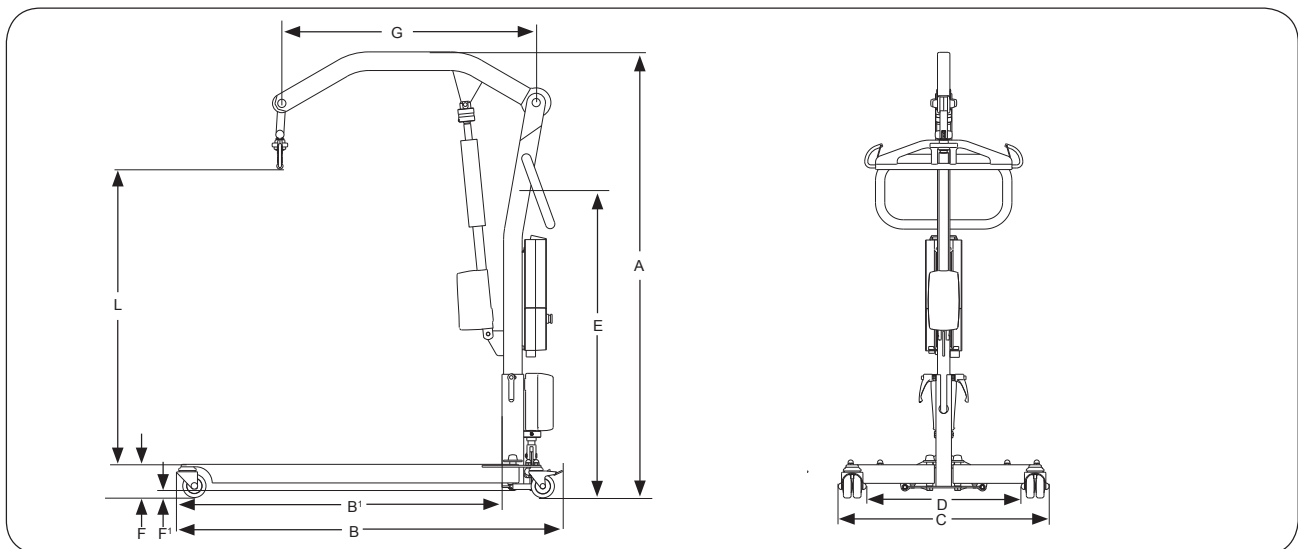
Emergency lowering: Mechanical (patented) and electrical.

Intermittent operation: Int. Op 10/90, active operation max 2 min. Out of a time of 100, active must be less than 10, though not more than 2 min.

Degree of protection: IP 43

Sound level: 39 dB

-  Built for indoor operation.
-  Type B according to the degree of protection against electric shock.
-  Class II equipment.



A: Max. load and Weight in kg. Measures in mm.
B: Max. load and Weight in lbs. Measures in inches.

Uno 100	Max.load	L* Max	L* Min	A* Max	A* Min	B	B'	C	D	E*	F**	F'**	G	Weight Total	Weight Part	Turning diameter
A	205	1710 1660 1610	610 560 510	1900 1850 1800	1440 1390 1340	1080	880	690-1100	500-970	1100 1050 1000	110/160	26/66	705	38,1	19,9	1180
B	450	67 65 63	24 22 20	75 73 71	57 55 53	42.5	34.5	27-43	19.5-38	44 42 39	4/6.3	1/2.6	27.8	84	43.9	46.5

Uno 102	Max. load	L* Max	L* Min	A* Max	A* Min	B	B'	C	D	E*	F**	F'**	G	Weight Total	Weight Part	Turning diameter
A	175	1790 1740 1690	520 470 420	2000 1950 1900	1420 1370 1320	1240	1040	690-1160	500-1090	1100 1050 1000	110/160	26/66	815	40,3	20,3	1300
B	385	71 69 67	21 19 17	79 77 75	56 54 52	49	41	27-46	19.5-43	44 42 39	4/6.3	1/2.6	32.1	88.3	44.7	51

* These measures depend in which hole the mast is levelled an secured. See Assembly page 5. These measures hold for the use of the standard slingbar. The change or complementary addition of other lifting accessories result in a change of the lifting height.




** The first measure holds for the use of standard wheels (75 mm wheel diameter). The second measure holds for the use of large wheels (100 mm wheel diameter).

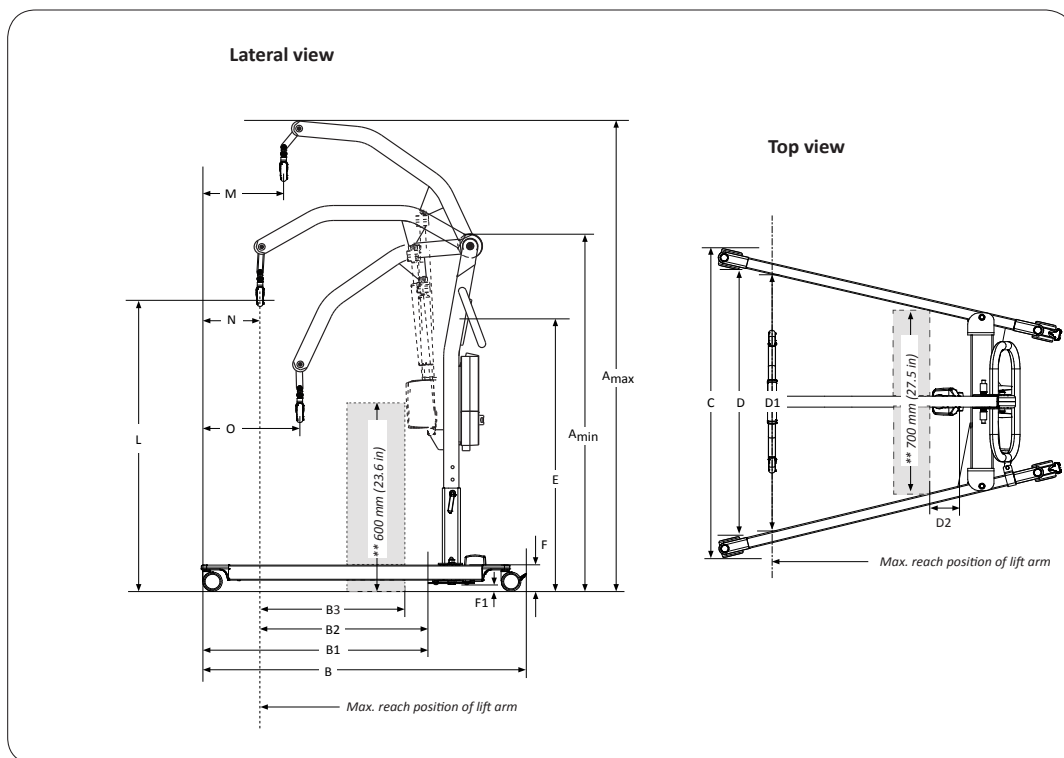
1.2 Technical Data Uno™ 100/102 mobile lift

Uno 102 (from S/N 52 000)

Maximum load: Uno 102: 175 kg (385 lbs)
Material: Powder-painted steel
Weight: Total:
 Uno 102 42,7 kg (94.1 lbs)
Heaviest removable part:
 Uno 102 22,3 kg (49.2 lbs)
Wheels: Front: 75 mm (2.9 in) twin wheel
 Rear: 75 mm (2.9 in) individual wheels fitted with brakes
Turning Diameter: Uno 102 1380 mm (54 in)
Emergency lowering device: Mechanical and electrical
Lift Interval: Uno 102 1270 mm (50 in)
Lifting speed: 30 mm/sec (1.18 in/sec) without load
Sound level: 39 dB(A)
Protection class: IP X4
Operating Forces of Controls: Buttons on hand control: 2.4 N

Electrical data: 24 V
Intermittent power: Int. Op 10/90, active operation max 2 min. Only 10% of a given length of time may be active, but no more than 2 min.
Batteries: 2 x 12 V 2.9 Ah valve-regulated lead-acid gel-type batteries. New batteries are provided by the supplier.
Battery charger: Built-in, 100-240 V, AC, 50-60 Hz, max 400 mA.
Lift motor: 24 V 6 A, permanent magnetic motor with mechanical safety mechanism, safety nut and outer tube.
Motor for base-width adjustment: 24 V 3.5 A, permanent magnetic motor

-  The device is intended for use indoors.
-  Type B, in accordance with the electrical shock protection class.
-  Class II equipment.



Measurement Table

Model	A*		B	B'	B2	B3	C		D		D1	D2	E*	F**	F***	Measurements in mm							
	Max.	Min.					max.	min.	max.	min.						L*	L*	M	N	O			
Uno 102	2015	1435	1255	920	730	590	1090	690	980	580	950	45	1105	100	25	1790	520	370	185	495			
	1965	1385																			1055	1740	470
	1925	1345																			1015	1700	430

Model	A*		B	B'	B2	B3	C		D		D1	D2	E*	F**	F***	Measurements in inch.							
	Max.	Min.					max.	min.	max.	min.						L*	L*	M	N	O			
Uno 102	79.3	56.5	49.4	36.2	28.7	23.2	42.9	27.2	38.6	22.8	37.4	1.8	43.5	3.9	1.0	70.5	20.5	14.6	7.3	19.5			
	77.4	54.5																			41.6	68.5	18.5
	75.8	53.0																			40.0	66.9	16.9

* Different measurements depending on the assembly alternatives. See "Assembly", page 5. The change or complementary addition of other lifting accessories result in a change of the lifting height.

** Reference measurement according to Standard EN ISO 10535:2006.

2.0 Troubleshooting Uno™ 101/102 mobile lift

The lift doesn't work up/down.
The base-width adjustment doesn't work (in/out).



1. Check that the emergency stops have not been activated.
2. Check that the cables to the control box are connected correctly.
3. Check that the charger cable is not connected to an electric outlet.
4. Check the battery voltage.
5. Check that the contact plates of the battery box are not defective or broken.
6. If the problem persists, please contact *Hill-Rom*.

The charger doesn't work.



1. Check that the emergency stops have not been activated.
2. Check that the contact plates of the battery box are not defective or broken.
3. If the problem persists, please contact *Hill-Rom*.

The lift is stuck in the high position.



1. Check that the emergency stops have not been activated.
2. Use the electrical emergency lowering to lower the patient onto a firm surface.
3. Use the mechanical emergency lowering to lower the patient onto a firm surface.
4. Check the battery voltage.
5. If the problem persists, please contact *Hill-Rom*.

If you hear unusual sounds.



Contact Hill-Rom.

3.0 Spare Parts Assembly Information

INFORMATION

Assembly Instructions to Liko™ spare parts are attached with the products. The assembly instructions are also available in Agile and on the Partner Web. Document number to spare parts assembly instructions can be found in the spare parts list.

Document Number

Cable for handcontrol LR 242S, ES

Assembly Instruction

Product No. 31290070

Contains:	Qty:
Hand control cabel	1

Tools required:

Fits:

Prod. No.	Prod. No.
Hand Control 242 ES 2 Button	3126034
Hand Control LR 242 ES-IMS	3126035
Hand Control LR 242 ES 4 Button	3126036
Hand Control LR 242 ES 6-Button	3126038
Hand Control Ultra Twist	21090053
Hand Control Ultra Control Unit	21090055

Print this document in colour!

Cable colour

1	Green
2	Pink
3	White
4	Red
5	Blue
6	Yellow
7	Brown
8	Grey

NOTE

- Make sure the spare part is mounted according to the assembly instruction.
- Check all functions related to the changed spare part.
- Repairs and maintenance may only be performed by personnel authorized by Hill-Rom and using original Liko™ spare parts.

3EN500203 Rev. 5
ENGLISH

Enhancing outcomes for patients and their caregivers: **Hill-Rom**

www.hill-rom.com | www.liko.com

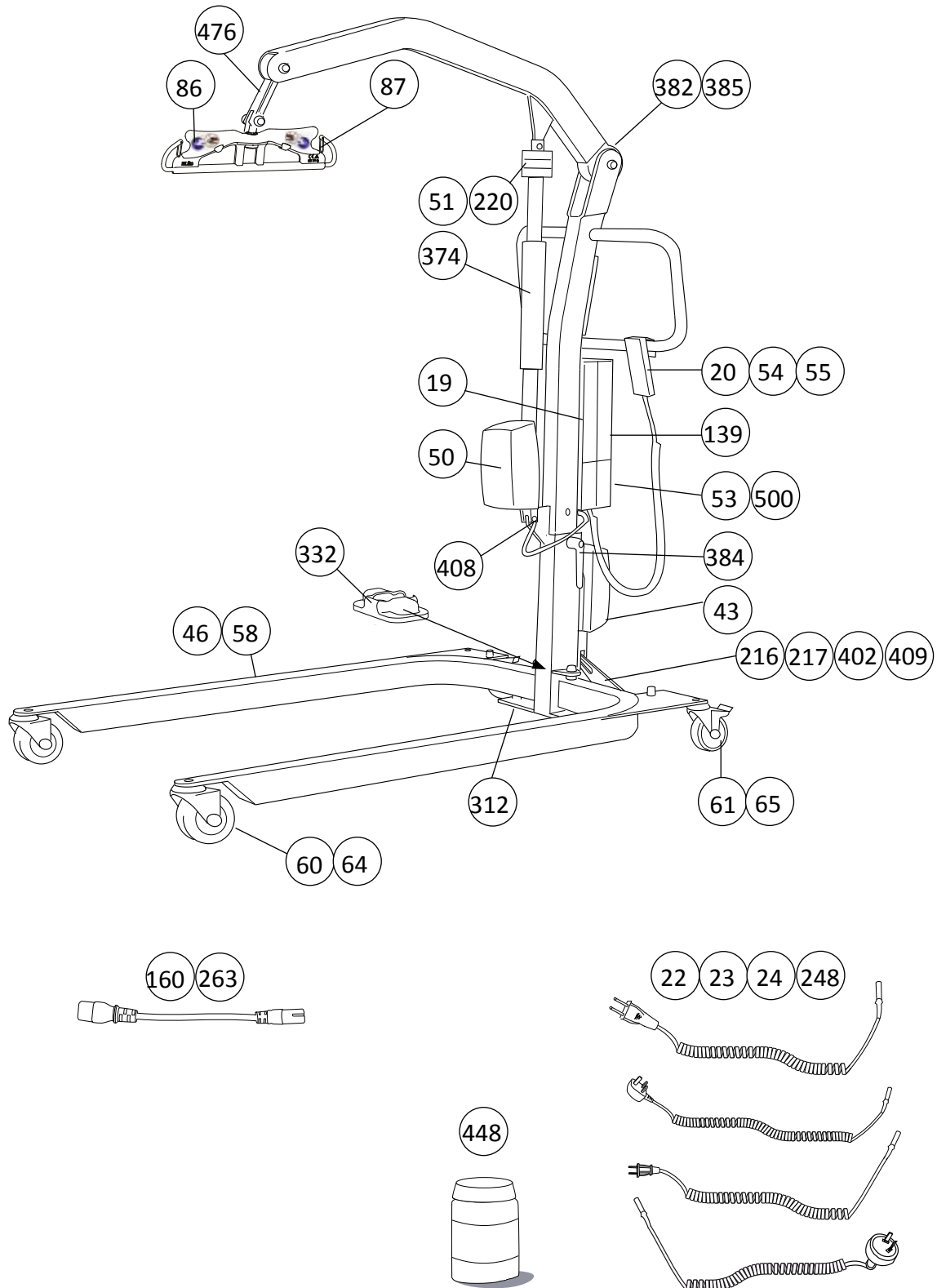
△ NOTE

- Always make sure the spare part is mounted according to the assembly instruction.
- Check all functions related to the changed spare part.
- Repairs and maintenance may only be performed by personnel authorized by Hill-Rom and using original Liko™ spare parts.

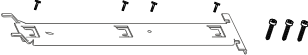
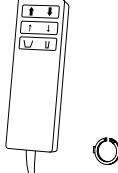



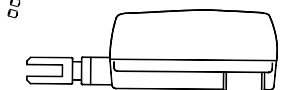
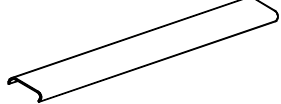
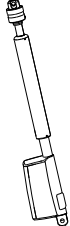
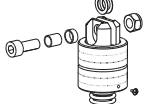
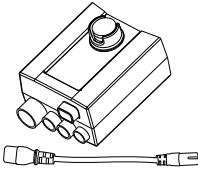
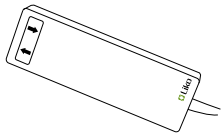
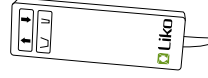
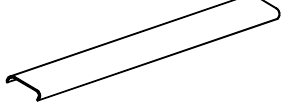
Liko™ technical documentation can be found under “My information” - “Documents” on the Partnerweb: <https://partner.liko.com/> If you don't have access, send an mail to: se.customer.service@hill-rom.com

4.1 Spare Parts List, Uno™ 100/102 mobile lift (up to S/N 51 999)

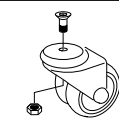
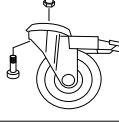
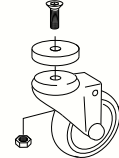


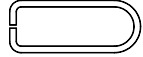
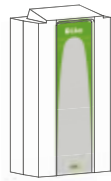

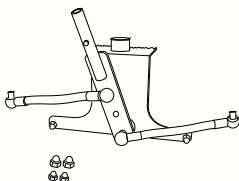
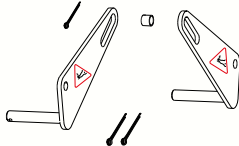
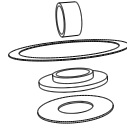


PROD. NO.	PRODUCT	PROD. NO.	PRODUCT
2010011	Uno 100 EE (Discontinued 2013)	2010004	Uno 102 EE up to S/N 51 999 (Discontinued 2013)
2010012	Uno 100 EM (Discontinued 2011)	2010003	Uno 102 EM (Discontinued 2011)
		2010005	Uno 102 ES (Discontinued 2011)



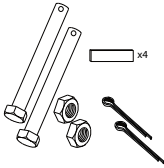
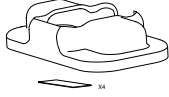
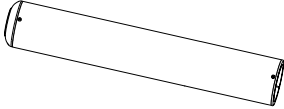
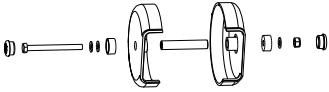

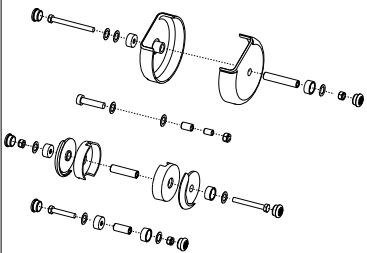
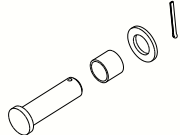

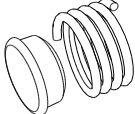
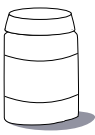
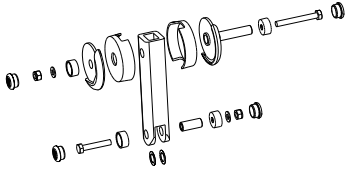
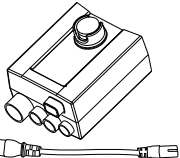
4.1 Spare Parts List, Uno™ 100/102 mobile lift (up to S/N 51 999)

PROD. NO.	POS. NO.	NAME	UNIT		ASSEMBLY INSTR.
20090023	19	Attachment for Control Box	pce		3EN630238
20090089	20	Hand control 6-Button <i>fits Uno 102 ES</i>	pce		3SE690232
20090026	22	Cable for charging EU	pce		3EN630237
20090027	23	Cable for charging UK	pce		
20090028	24	Cable for charging US	pce		
20190003	43	Actuator for Base Widening	pce		3SE640284
20190006	46	Leg Protector Uno 102	pair		183073
20190010	50	Actuator JKSM 350 G Uno 100/102	pce		3SE630236
20190011	51	Emergency Lowering Device	pce		3SE630230
20190014	53	Control Box Uno 102 ES	pce		3SE630223
20190014US	53	Control Box Uno 102 ES <i>only for the North American market</i>	pce		
20190016	54	Hand control EM 2-Button	pce		3SE630204
20190017	55	Hand Control EE 4-Button	pce		3SE630204
20190029	58	Leg Protector <i>fits Uno 100 and Uno 102 from S/N 52 000</i>	pair		183073

4.1 Spare Parts List, Uno™ 100/102 mobile lift (up to S/N 51 999)

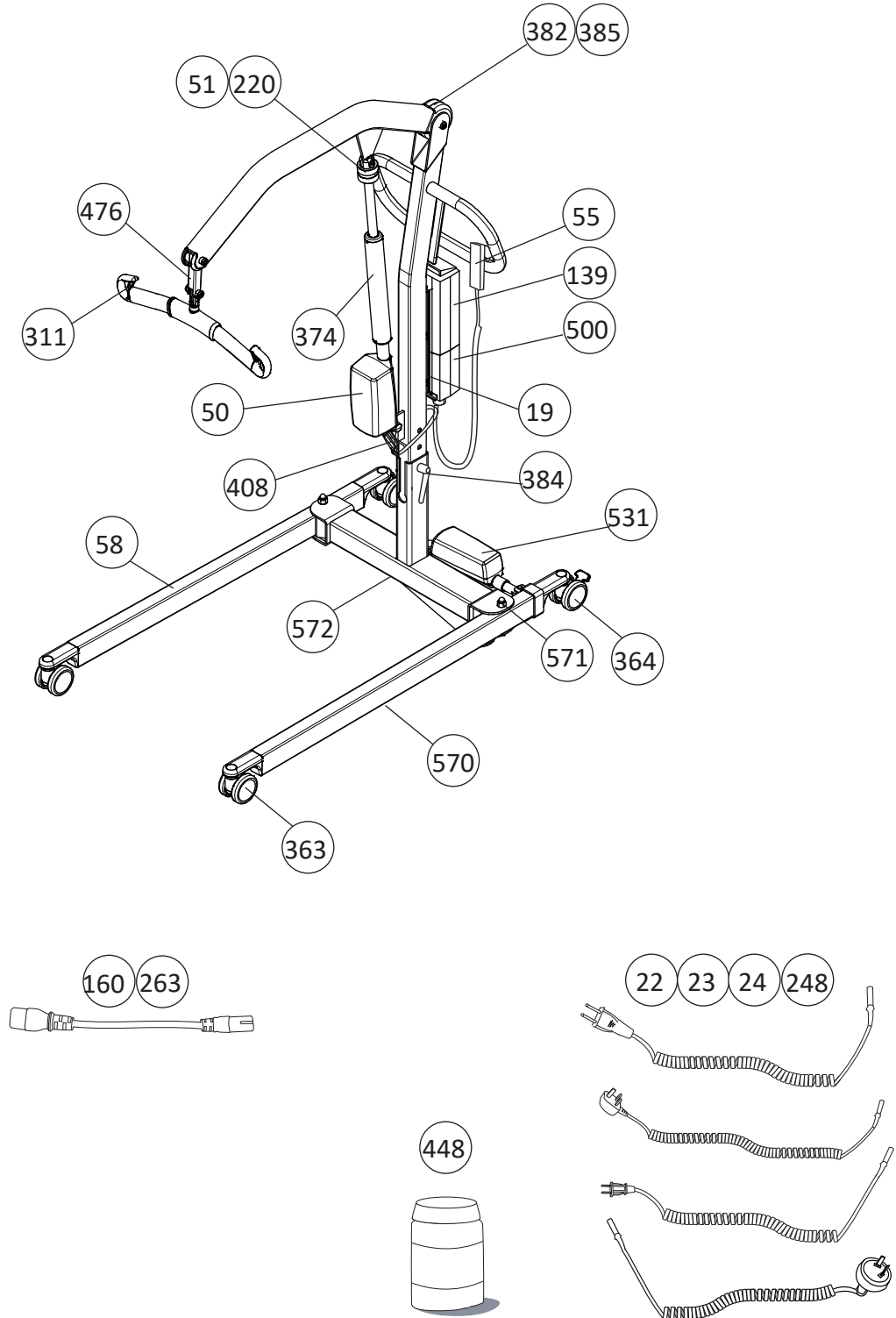
PROD. NO.	POS. NO.	NAME	UNIT		ASSEMBLY INSTR.
20190042	60	Front Wheel 75 mm	pce		3SE640283
20190043	61	Rear Wheel 75 mm	pce		3SE640282
20190046	64	Front Wheel 100 mm	pce		3SE640281
20190047	65	Rear Wheel 100 mm	pce		3SE640285
3156075	86	Universal SlingBar 450	pce		7EN160185
31190018	87	Latch	pair		3EN640271
2006106	139	Battery Lead Acid	pce		3EN630224
21090001	160	Extension Cable	pce		3EN630225
20190049	216	Restoration set Manual Base	set		3SE630226
20190050	217	Restoration set Electrical Base	set		3SE630227
20190051	220	Restoration set Emergency Lowering	set		3SE630222
20090050	248	Cable for Charging AU/NZ	pce		3EN630237
21090011	263	Extension Cable US	pce		3EN630218

4.1 Spare Parts List, Uno™ 100/102 mobile lift (up to S/N 51 999)

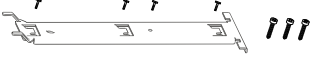
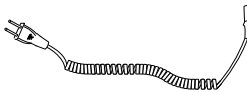
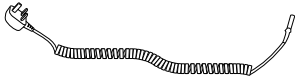
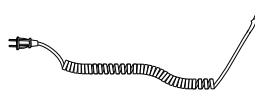
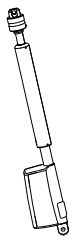
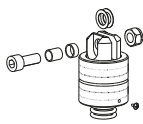
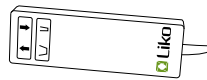
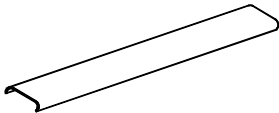
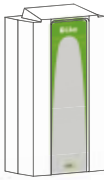

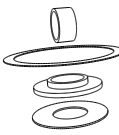
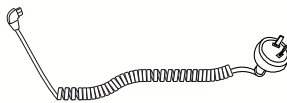

PROD. NO.	POS. NO.	NAME	UNIT	ASSEMBLY INSTR.
20190057	312	Screw M12x105 U1,U2,Sa	pce	 3SE640245
20190058	332	Center hood	pce	 3SE640261
20390017	374	Outer Tube LA32, 310 mm	pce	 3SE650237
20190068	382	Lift Arm Plastic Cover set	set	 3SE650239
2107101	384	Locking handles	pair	 3SE650248
20190069	385	Overhead Beam Restoration	set	 3SE650240
20190070	402	Bolt Connection	set	 3SE650252
20190072	408	Lower Actuator attachment	set	 3SE650257
20190073	409	Pressure spring	pce	 3SE650258
20190048	448	Lacquer Top Coat for Improvement, Grey	pce	 -
20190074	476	Flexlink Alu	set	 3SE650297
20190076	500	Control Box Uno 100/102 EE, EM	pce	 3SE630223
20190076US	500	Control Box Uno 100/102 EE, EM <i>only for the North American market</i>	pce	

4.2 Spare Parts List, Uno™ 102 EE Rev. 1 mobile lift (from S/N 52 000)


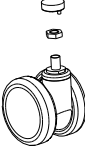

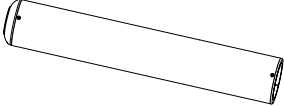
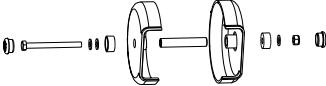

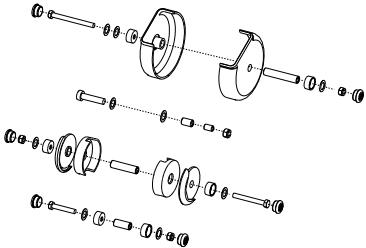

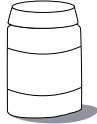
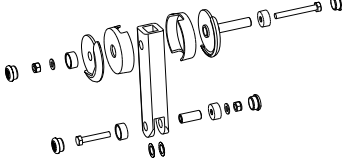
PROD. NO.	PRODUCT
2010004	Uno 102 EE, Rev 01 (from S/N 52 000)



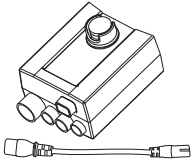
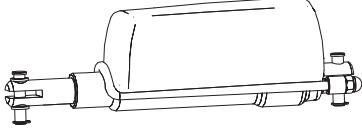
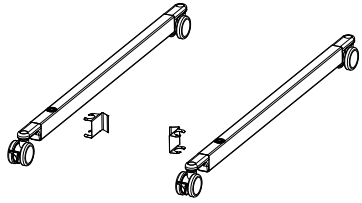
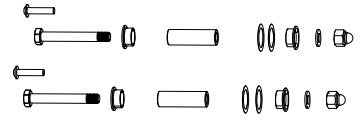

4.2 Spare Parts List, Uno™ 102 EE Rev. 1 mobile lift (from S/N 52 000)

PROD. NO.	POS. NO.	NAME	UNIT		ASSEMBLY INSTR.
20090023	19	Attachment for Control Box	pce		3EN630238
20090026	22	Cable for charging EU	pce		3EN630237
20090027	23	Cable for charging UK	pce		
20090028	24	Cable for charging US	pce		
20190010	50	Actuator JKSM 350 G U1-2	pce		3SE630236
20190011	51	Emergency Lowering Device	pce		3SE630206
20190017	55	Hand Control EE 4-Button	pce		3SE630204
20190029	58	Leg Protector <i>fits Uno 100 and Uno 102 from S/N 52 000</i>	pair		183073
2006106	139	Battery Lead Acid	pce		3EN630224
21090001	160	Extension Cable	pce		3EN630225
20190051	220	Restoration set Emergency Lowering	set		3SE630222
20090050	248	Cable for Charging AU/NZ	pce		3EN630237
21090011	263	Extension Cable US	pce		3EN630218

4.2 Spare Parts List, Uno™ 102 EE Rev. 1 mobile lift (from S/N 52 000)

PROD. NO.	POS. NO.	NAME	UNIT		ASSEMBLY INSTR.
31590014	311	Latch, composite <i>Fits Universal SlingBar from S/N 1299511</i>	pair		3SE640242
20190065	363	Front wheel 75m	pce		3SE650221
20190066	364	Rear wheel 75mm	pce		3SE650222
20390017	374	Outer Tube LA32, 310 mm	pce		3SE650237
20190068	382	Lift Arm Plastic Cover set	set		3SE650239
2107101	384	Locking handles	pair		3SE650248
20190069	385	Overhead Beam Restoration	set		3SE650240
20190072	408	Lower Actuator attachment	set		3SE650257
20190048	448	Lacquer Top Coat for Improvement, Grey	pce		-
20190074	476	Flexlink Alu	set		3SE650297

4.2 Spare Parts List, Uno™ 102 EE Rev. 1 mobile lift (from S/N 52 000)

PROD. NO.	POS. NO.	NAME	UNIT		ASSEMBLY INSTR.
20190076	500	Control Box Uno 100/102 EE, EM	pce		3SE630223
20190076US	500	Control Box Uno 100/102 EE, EM <i>only for the North American market</i>	pce		
20190080	531	Base Motor II	pce		182224
20190081	570	Legs Uno 102	pair		3EN690293
20190082	571	Base Screw Assembly Uno 102	set		3EN690294
20190083	572	Diagonal Stopper	set		3EN690295

5.0 Periodic Inspection Information, Uno™ mobile lift

According to ISO 10535:2006 Annex B, Periodic Inspection of medical device Liko™ mobile lift should be performed at least once a year. For Liko™ mobile lifts Periodic Inspection Liko™ mobile lifts 3EN371001 is available on the Partner Web (and internally in Agile)

Periodic Inspection
Liko™ mobile lifts
Liko™ sit-to-stand lifts
3EN371001 Rev. 4

Valid for following lifts: Viking™, Gokul™, 3EN™, Liko™ 3EN202200, LikoLight™, Sabina™, 3EN300™

Lift Information		Customer Information	
Lift		Approved Site	
Product Number		Name	
Serial Number		Address	
Production year		Phone Code	

△ Liko™ lifts must be thoroughly inspected when the Service Light at the Control Unit illuminates (if applicable) or at least once per year. Inspection and service must be carried out by Hill-Rom authorized personnel.

To track how the lift has been used, write down the values from the control unit (if applicable):

Control Unit CBU: From Service Light (SL) or Liko Diagnostic System (LDS) are available, data can be read. If the required data is not available, write down the values in the blank boxes.

Control Unit Jumbo CBU: From the display, write down the values in the blank boxes.

Expected life	
Control Unit CBU	Control Unit Jumbo CBU
Viking™ mobile lift 700 Ah	Viking™ mobile lift 2 120 000 Ah
Viking™ mobile lift 950 Ah	Viking™ mobile lift 3 270 000 Ah
Viking™ mobile lift 1000 Ah	Viking™ mobile lift 3 020 000 Ah
Gokul™ mobile lift 700 Ah	Gokul™ mobile lift 2 120 000 Ah

If the control unit is replaced the total Ah or Ah left should be recorded for the control unit but not for the mobile lift. The mobile lift has an expected service life of 10 years when correctly handled.

Inspection sign off
Complete inspection according to instructions for the check points (page 3-5), fill in page 2 and sign below.

Approval to use the mobile lift: Approved Not approved

If the mobile lift has one or more inspection points "not approved", the lift must not be used.

To be achieved: Actions according to the "INSPECTION (FRESH) NOT APPROVED" should be performed immediately. After performed actions sign below. If anything is unclear or if you have questions, please contact Hill-Rom or your local Hill-Rom representation. Contact information to be found at www.hill-rom.com.

Inspection performed by: _____ Date: _____

Inspected on: _____

Inspection performed in accordance with ISO 10535:2006 Annex B Periodic inspection

△ In this document, this warning symbol indicates that special care should be taken. If instructions are not followed there is a risk of serious injury.

Hill-Rom

NOTE!

△ Periodic Inspection shall be performed at least once per year.

Liko™ technical documentation can be found under “My information” - “Documents” on the Partnerweb: <https://partner.liko.com/> If you don't have access, send an mail to: se.customer.service@hill-rom.com

Periodic Inspection may only be performed by personnel authorized by Hill-Rom and using original Liko™ spare parts.

Available Liko™ Periodic Inspections:

- 3EN371001 Periodic Inspection Liko™ Mobile lifts
- 3EN111001 Periodic Inspection Liko™ OH Rail system
- 3EN191001 Periodic Inspection Overhead Lifts
- 3EN301001 PI Freespan Freestand
- 3EN601001 Periodic Inspection Liko™ accessories

Also available is Periodic Inspection Slings. This inspection should be performed by a person who is suitable, has good experience and sufficient knowledge about design, use and maintenance of the sling.

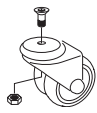

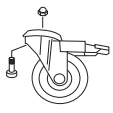


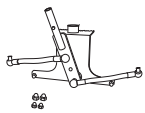
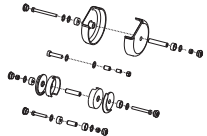
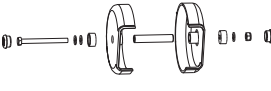
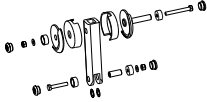
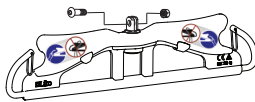


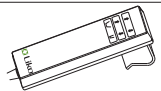
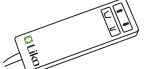
- 7EN160834 General Periodic Inspection Protocol Liko™ Slings and Sabina SupportVests

6.0 Preventive Maintenance, Uno™ 100/102 mobile lift

Expected Life Time

The expected life time of a Uno™ mobile lift is 10 years of normal use provided that required Periodic Inspection and Preventive Maintenance is performed by personnel authorized by Hill-Rom and using original Liko™ spare parts. However certain parts have a shorter life cycle and will need to be replaced in order for the mobile lift to meet its expected life time. They are listed below:

Parts that needs to be replaced:

Part	Uno 100+102 up to S/N 51 999	Uno 102 Rev 1 from S/N 52 000	Replacement interval:	Replacement:
Front castors	 Part No. 20190042 or 20190047	 Part No. 20190065	5 years	Can be used more than 5 years if no malfunction is detected.
Rear castors	 Part No. 20190043 or 20190047	 Part No. 20190066	5 years	Can be used more than 5 years if no malfunction is detected.
Screw M12x105 (base widening)	 Part No. 20190057	-	5 years	Can be used more than 5 years if no malfunction is detected.
Restoration set manual base	 Part No. 20190049	-	5 years	Can be used more than 5 years if no malfunction is detected.
Overhead beam restoration set	 Part No. 20190069	 Part No. 20190068	5 years	Can be used more than 5 years if no malfunction is detected.
Flexlink	 Part No. 20190074	-	5 years	Can be used more than 5 years if no malfunction is detected.
Sling Bar	 Can be replaced with 3156075	-	5 years	Can be used more than 5 years if no malfunction is detected.
Restoration set Emergency Lowering	 Part No. 20190051	-	3 years	Can be used more than 3 years if no malfunction is detected.
Battery Lead Acid	 Part No. 2006106	-	3 years	Can be used more than 3 years if no malfunction is detected.
Hand Control	 Part No. 20090089, 20190016 or 20190017	 Part No. 20190017	2 years	Can be used more than 2 years if no malfunction is detected.

Expected Life Time	Year
Uno™ mobile lift	10

7.0 Product Changes, Uno™ 100/102 mobile lift



Changes	Uno 100 from S/N:	Uno 102 from S/N:	Project										
2019													
Removed plastic cover (holder for charging cable) with cable hanger on battery. Replaced with a plastic hook placed on the mast.	-	57100	SUS003417										
2013													
<p>Following models are now discontinued:</p> <table border="1"> <thead> <tr> <th>Product</th> <th>Prod No.</th> </tr> </thead> <tbody> <tr> <td>Uno 100 EE</td> <td>2010011</td> </tr> <tr> <td>Uno 102 EE, large wheels: 100/100</td> <td>2010004H</td> </tr> <tr> <td>Uno 102 EE with Quick-release Hook</td> <td>SE2010004</td> </tr> <tr> <td>Uno 100 EE with Quick-release Hook</td> <td>SE2010011</td> </tr> </tbody> </table>	Product	Prod No.	Uno 100 EE	2010011	Uno 102 EE, large wheels: 100/100	2010004H	Uno 102 EE with Quick-release Hook	SE2010004	Uno 100 EE with Quick-release Hook	SE2010011			1880
Product	Prod No.												
Uno 100 EE	2010011												
Uno 102 EE, large wheels: 100/100	2010004H												
Uno 102 EE with Quick-release Hook	SE2010004												
Uno 100 EE with Quick-release Hook	SE2010011												
<p>Uno 102 EE, Prod No 2010004 has been redesigned with revision number, Rev 01. New base, base motor and slingbar. Separate Spare Parts List, Periodic Inspection and Preventative Maintenance are developed for this model.</p>	-	52 000	1765										
2012													
SlingBar Cover is now standard on the spare part "SlingBar Standard 450". The part number for the SlingBar is changed from 3156001 to 20190078.	-	-	1728										
2011													
<p>The following articles will be phased out December 31st, 2011:</p> <table border="1"> <thead> <tr> <th>Product</th> <th>Prod. No.</th> </tr> </thead> <tbody> <tr> <td>Uno 100 EM</td> <td>2010012</td> </tr> <tr> <td>Uno 102 EM</td> <td>2010003</td> </tr> <tr> <td>Uno 102 EM with large wheels</td> <td>2010003H</td> </tr> <tr> <td>Uno 102 ES</td> <td>2010005</td> </tr> </tbody> </table>	Product	Prod. No.	Uno 100 EM	2010012	Uno 102 EM	2010003	Uno 102 EM with large wheels	2010003H	Uno 102 ES	2010005			1582
Product	Prod. No.												
Uno 100 EM	2010012												
Uno 102 EM	2010003												
Uno 102 EM with large wheels	2010003H												
Uno 102 ES	2010005												
New version of control box for Uno 100/102 EM/EE.	7 097 500	51 700	1002										

Enhancing outcomes for patients and their caregivers:



7.0 Product Changes, Uno™ 100/102 mobile lift

Changes	Uno 100 from S/N:	Uno 102 from S/N:	Project
2009			
New spare parts are recommended; 20190068 Lift arm plastic cover, and 20190069 Overhead beam restoration set. Information regarding control that the outer tube is mounted, is added to Periodic Inspection.	7 096 200	48 100	1262
2008			
Outer tube introduced on all models. Holder for Quick Reference Guide introduced on all models. Bearing between arm/mast (bearing 52), arm / alu.link (bearing 40), alu. link / sling bar (bearing 24).	7 096 200	48 100	748
2006			
Sealing of screw, emergency lowering.		46 426	
New joint between actuator / arm and base.		46 426	
Plastic covers at screw joint on mast / sling bar / flex link.	7 095 093	46 115	
2005			
New locking handle for mast.	7 094 641	45 486	
Emergency guard for control box.	7 094 505	45 197	
Bigger hole on motor attachment, arm.	7 094 429	45 055	
2003			
New screw M6S M12x105.	7 093 162	42 292	
New center. Locking nut M12 instead of welded nut.	-	41 551	
New center.	7 092 716	-	
All Uno 100 have new Max load 205kg. (old: 175 kg)	7 092 499	-	
2002			
Plastic washer 12,5/20 x 0,42 is added to the emergency lowering.	7 092 109	39 901	

7.0 Product Changes, Uno™ 100/102 mobile lift

Changes	Uno 100 from S/N:	Uno 102 from S/N:
---------	----------------------	----------------------

2000

New cover tube on EM models. (12mm)	7 091 394	36 587
New width on base.	7 090 798	35 408
Sling bar in stainless performance.	7 090 704	35037

1999

Bolt M12x105 greased with FluorFlon.	7 090 602	34 770
Hold in back edge of LA2, removed.	7 090 436	33 827

1998

Locking handle on all Uno models.	7 090 277	33 475
Stop screw in emergency lowering, countersunk.	7 090 217	33 188
New screw in Flex link M6S M10x42.	7 090 201	33 016
Plastic cover with cable hanger on battery pack.		33 016
Slimmer handles, Uno 102.		32 910
New bushing on emergency lowering device.		32 822
Hole in center is moved offset from center, Uno 102.		

1997


New alu. link and plastic cover mast, Uno102. (31941-55, 32074-96 has old link)		31 825
Cover IKPT1512G on control box.		31 758
First Uno 100EE.	7 090 001	
Plastic cover mast assembled at all models.		31 213
Grey cover hats at wheels.		30 726

1996

Leg protection on all Uno models.		30 073
New models Uno102 EM, EE, ES.		30 001
Casing at screw MC6S M10x25 between emergency lowering/arm.		21 123
These twenty Uno 102 has black details.		20 913 - 20 932
Bag for charger.		20 863
Screw between emergency lowering / arm locked with loctite.		20 838
Grey actuator (KSM300, LA28), control box and hand control.		20 837



www.hill-rom.com | www.liko.com

 Liko AB
Nedre vägen 100
SE-975 92 Luleå, Sweden

Enhancing outcomes for
patients and their caregivers:

