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HANDI-MOVE MODEL 3200

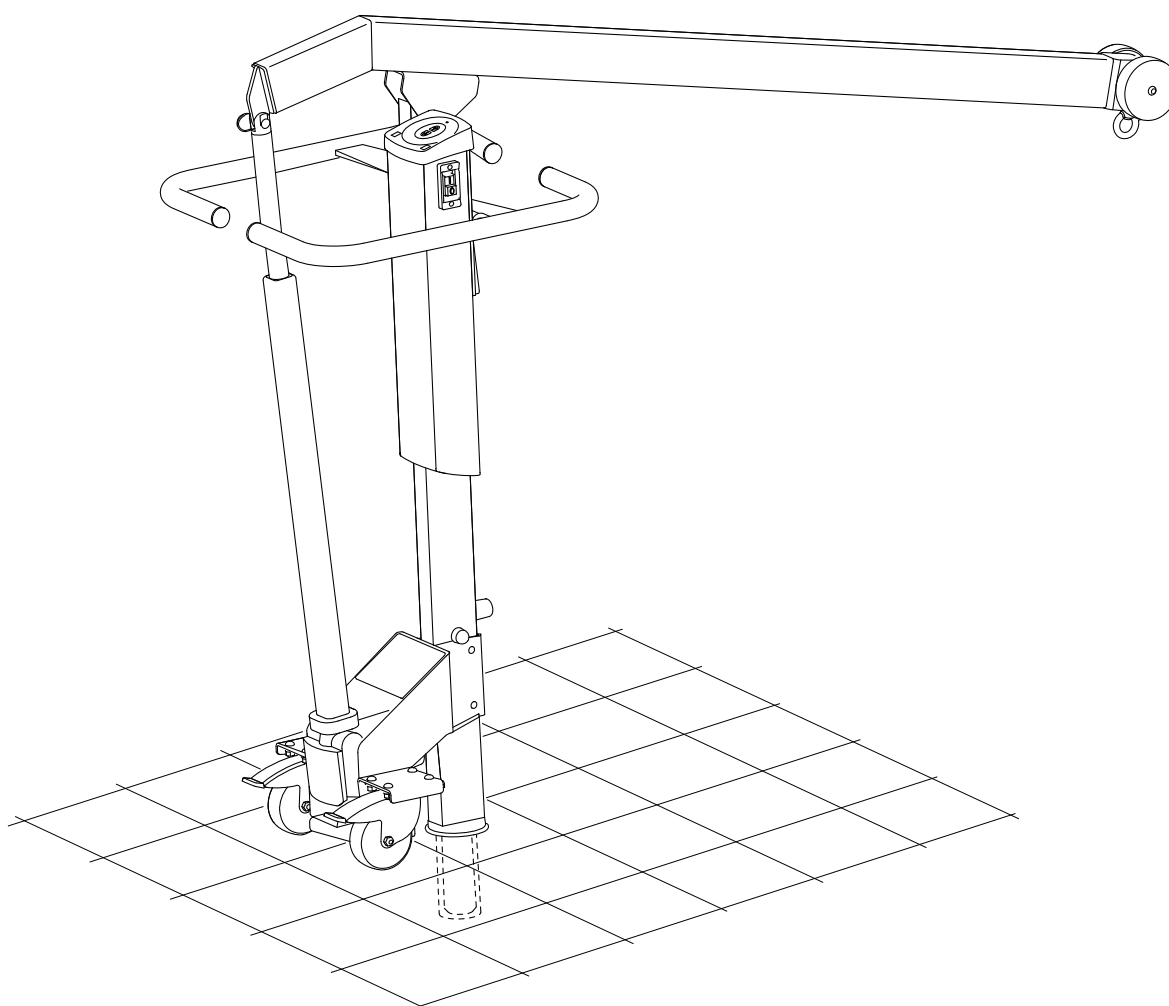
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**WHEELCHAIR-TO-WATER™ POOL LIFT**

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**USER GUIDE**

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**Read Thoroughly Before Operating**  
**Have your system inspected at least yearly**

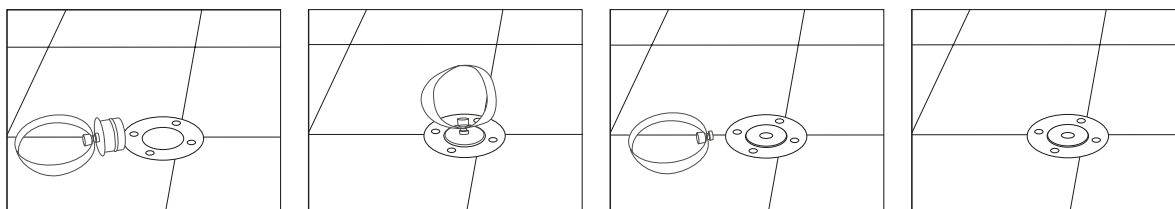


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# 1. Safety instructions

- Before using the Pool lift, make sure that:
  - the user/caregiver has been given appropriate instruction and training.
  - these instructions for use have been carefully read and understood.
  - the Pool lift is only used with Handi-Move items or items approved by Handi-Move.
- The maximum permissible load may vary between the Pool lift, spreader bar and sling. The lowest permissible load must then be regarded as the maximum permissible load.
- Do not use the Pool lift in case of malfunction and inspect before each use (see also 8).
- If there is electromagnetic interference between this Pool lift and another device, the two devices must not be used together.
- The service temperature has to be between -10°C (14°F) to +40°C (104°F). The air humidity has to be between 30% and 70%.
- Only use the Pool lift when it is locked into a Handi-Move socket.
- After disengaging the Pool lift from the socket, it is advisable to install the cap (art. # 3240 0100). Once the cap is installed, it is advisable to remove the cloth strap in order to prevent a person tripping over it.



- Use both hands when moving the Pool lift.
- Make sure that the Pool lift is never pushed faster than at normal stepping speed



## CAUTION!

**DO NOT CHARGE NEAR THE POOL!**

**DO NOT LEAVE THE POOL LIFT ON A SLOPE.**



- Batteries must be removed and recycled according to the statutory provisions.

**Max. lifting capacity: 297 Lbs / 135.00 kg**

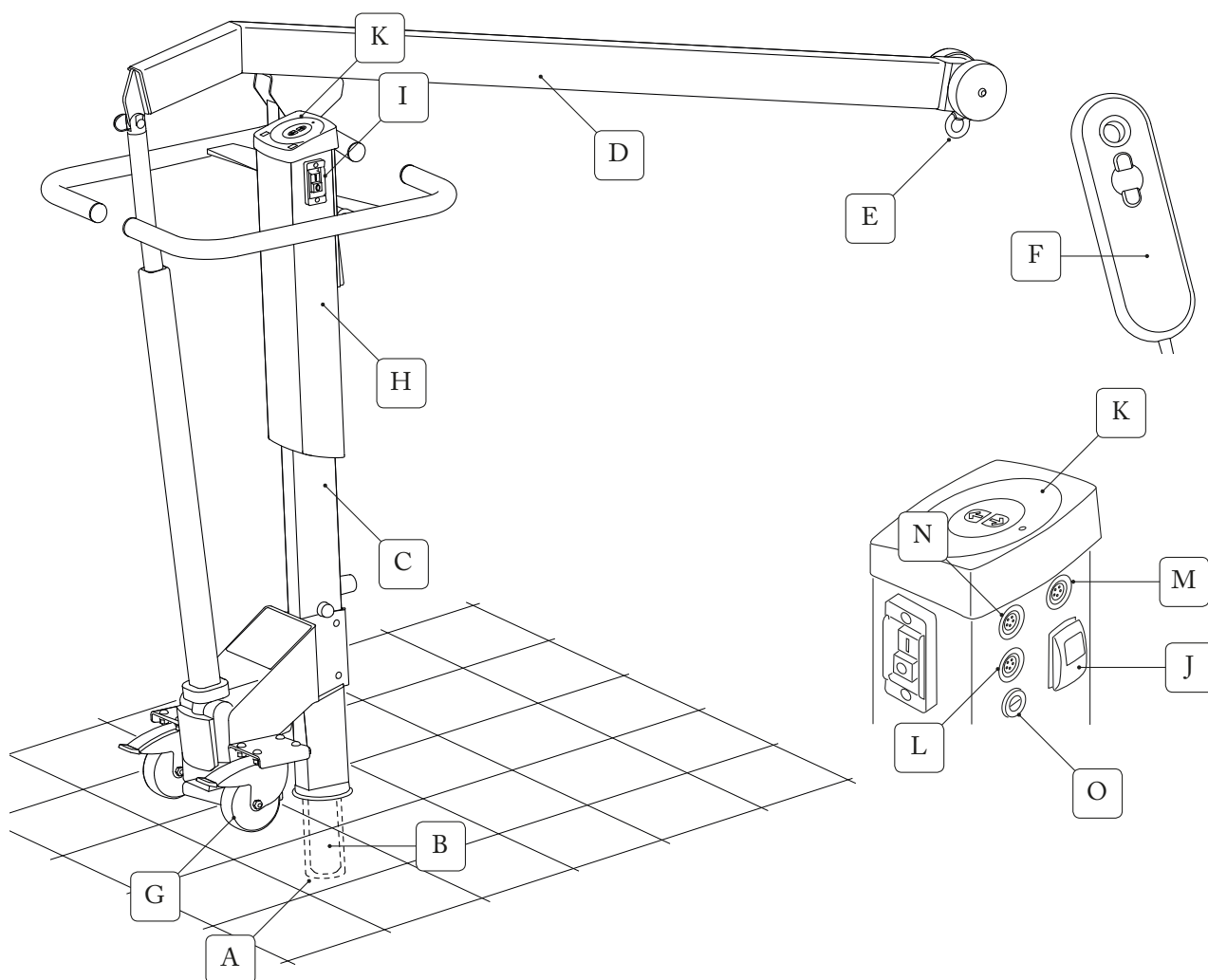
## 2. Scope of application

The Pool lift is an electromechanical lifting device. It is used to lift persons with motor disabilities in and out of the swimming pool.

### 3. Product information

This user guide refers to the following parts on your Handi-Move Pool lift:

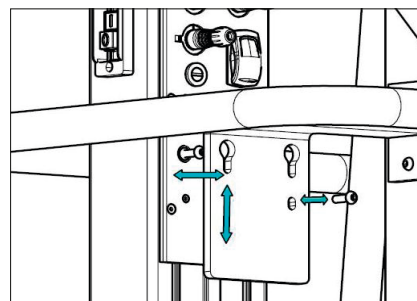
- A** socket A
- B** floor pin
- C** mast
- D** arm
- E** swivelhook
- F** electrical handcontrol
- G** wheels with brakes
- H** control box
- I** main / emergency stop switch
- J** emergency down button
- K** keypad
- L** connector for the hand control
- M** connector for the actuator
- N** connector for the charger
- O** fuse box



## 4. Assembly instructions

### 4.1. Fitting the control box onto the Pool lift

1. Take the control box and screw the 2 upper screws partially in.
2. Fit the box onto the support by pushing the screws into the slots.
3. Fit the 3rd screw into the box and fasten the other 2.
4. Connect up the connectors.

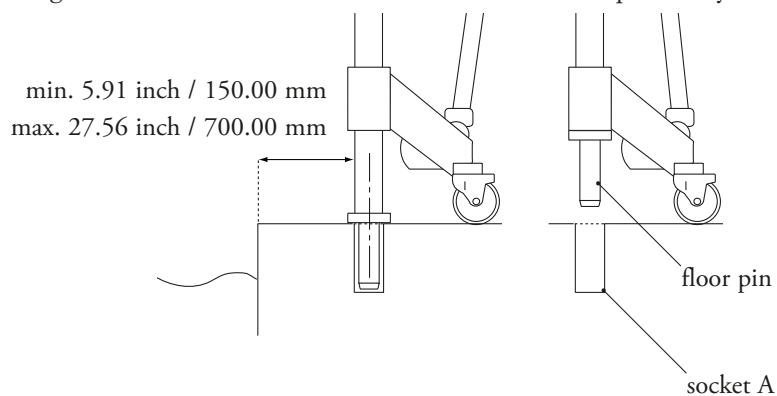


### 4.2. Instructions for placing the socket A

The socket A is a cylinder of stainless steel which has to be built into the floor. Therefore a hole of 4.33 inch / 110.00 mm diameter and 6.7 inch / 170.00 mm depth is to be provided. The socket should only be installed by a technician authorised by your Handi-Move equipment supplier.










### 4.3. Instructions for placing the Pool lift

Move the floor pin above the socket A (built into the floor) and raise the arm above the hole. In order to do so, keep pressing the “ON” button of the handcontrol until the floor pin is fully located in the socket.




## 5. Explanation of the symbols

### 5.1. Symbols on the nameplate and packaging

 	Please read the user guide carefully before using the Pool lift.	<b>IP X0</b> International protection standards against solid objects and water. The Pool lift must not be used in the rain or be exposed to drip.
	CE certified	  Type B conforms to EN 60601-1. No insulation against earthed components Class II - EN 60601-1
	The Pool lift must be stored at an air pressure of 700 to 1060 hPa .	 The Pool lift must be stored at a humidity level of 30% to 70%.
	Please observe the national and local regulations with respect to collection for recycling and environmentally friendly processing.	 The Pool lift must be stored at a temperature of -10°C (14°F) to +40°C (104°F).


### 5.2. Nameplate & packaging label

Distributed in the USA by:  
 SureHands Lift and Care Systems  
 Pine Island, NY 10969  
 Tel: (845) 258-6500  
 info@surehands.com

  
 SureHands


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Manufactured by:  
 Handi-Move International nv  
 B-9400 Ninove - Belgium  
 Tel: +32 54 31 97 10  
 info@handimove.com

  
 Handi move






Date of manufacture:

24 VDC max.  
 2 x 12V - 6,5-7,2Ah

 135kg / 297lbs **IP X5**

SN ??????

Model - 3200


**Zwembadlift**


☐ 3200


☐ NL  
☐ IN-E  
☐ US-E  
☐ FR  
☐ DE





☐ Charger

Serial number :

  
 -10 → 40°C  
 14 → 104°F

  
 30 → 70%

  
 700 → 1060hPa








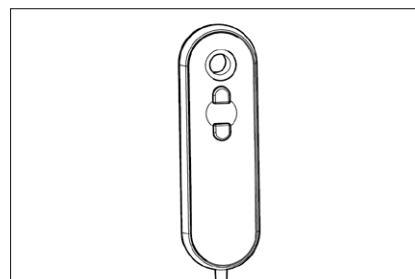
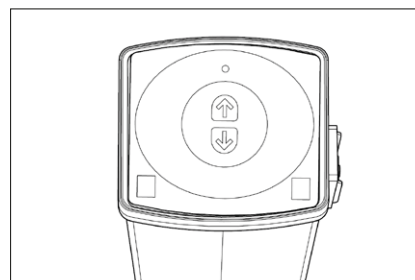
## 6. Operation

Please dry off the equipment after use and then store it in a dry place, where the batteries of the Pool lift can be reloaded.

### 6.1. Control

The Pool lift is controlled by the push buttons on the hand control or via the control keypad on the control box.

	lifting arm up
	lifting arm down

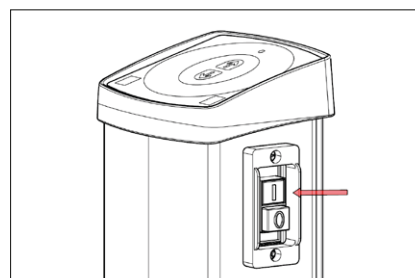


### 6.2. Making the Pool lift operational

To activate the Pool lift, press the green button on the control box. To deactivate it, press the red button.

The red button also acts as an emergency stop switch.

The LED on the control keypad will only illuminate when the green button has been pressed and batteries are fully charged.



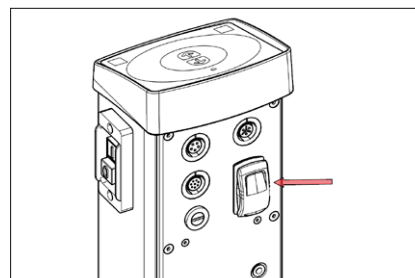
### 6.3. Electrical emergency down

Use the yellow button when the up/down keys and the handcontrol do not work.



#### **CAUTION!**

THE ARM CAN ONLY MOVE DOWN.



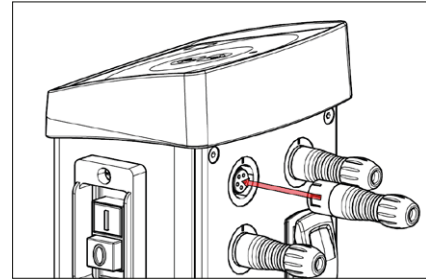


## 6.4. Charging the battery pack

It is advisable to charge the Pool lift regularly to extend the service life of the batteries and to avoid dead batteries. Charge at least once every 2 days. Overcharging is not possible.

### How to charge the batteries?

- Connect the charger to the battery pack and to the mains.(110/230 VAC)
- The indicator light on the charger indicates the following:
  - Yellow: batteries are being charged
  - Green: batteries are fully charged



### REMARK

IF THE POOL LIFT EMITS AN AUDIBLE SIGNAL, THE BATTERIES MUST BE CHARGED IMMEDIATELY.



### CAUTION!

DO NOT CHARGE NEAR THE POOL!

## 7. Maintenance and storage space

Always start maintenance by putting the main switch in the “OFF” position (= “O” position).

### 7.1. Cleaning the Pool lift

- Corrosion
  - The Pool lift is manufactured from stainless steel and has undergone additional anti-corrosion treatment.
  - Stainless steel does not guarantee full protection against corrosion. Actively polluting components such as chlorine, especially when present in damp, hot places, can attack the stainless steel.
  - Avoid scratching, scraping or knocking the surface of the stainless steel.
  - Clean regularly and at least every three months with soap and water and more often if the Pool lift is used in an enclosed space (in a damp, chlorine- or salt-laden atmosphere ...).
  - Pay special attention to locknuts and remove any surface corrosion immediately to avoid damage to the rest of the structure.
  - Check the actuator regularly for signs of corrosion.
- Cleaning
  - Clean with ordinary soap and a damp cloth. Harsh chemicals, abrasive cleaners and excessive water should not be used.

### 7.2. Storing the Pool lift

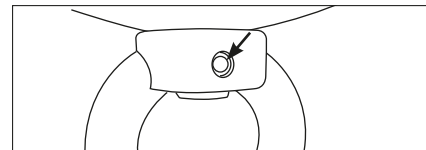
- Make sure that the emergency stop switch is pressed in when you store the Pool lift (LED does not illuminate)
- After each usage and before charging, you need to put the Pool lift into a room away from the swimming pool with a humidity of between 30 and 70% and a temperature between -10°C (14° F) and 40°C (104° F).
- Disconnect the batteries if you are not using the Pool lift for a long time.
- Ensure that the Pool lift cannot tip over by fastening it or putting it in a separate room.

## 8. Inspection

Given the nature of the product, complete yearly maintenance is necessary.

### 8.1. Inspection before each use

- Operation of the emergency stop. When the emergency stop is activated, the Pool lift should not work.
- Free running of the castors.
- Visible damage to the Pool lift.
- Swivel hook: check that the pin does not come out of the eye nut.



### 8.2. Yearly inspection

- The Pool lift must be inspected at least once a year.
- The inspection may only be carried out by Handi-Move or a technician approved by Handi-Move or their distributor.
- After the inspection, a report will be prepared documenting the tests that were carried out and the parts that were replaced or that should be replaced.

## 9. Troubleshooting

### 9.1. Control box

- The control box does not function at all
  - Check whether the switch is in the “I” position.
  - Charge the batteries.
- When the Pool lift does only function when pressing the “UP” and “DOWN” keys on the control box, there might be a problem with the hand control. Check if the hand control cable is properly connected to the control box.
- If this makes no improvement, call the technical service.

## 10. Technical specifications

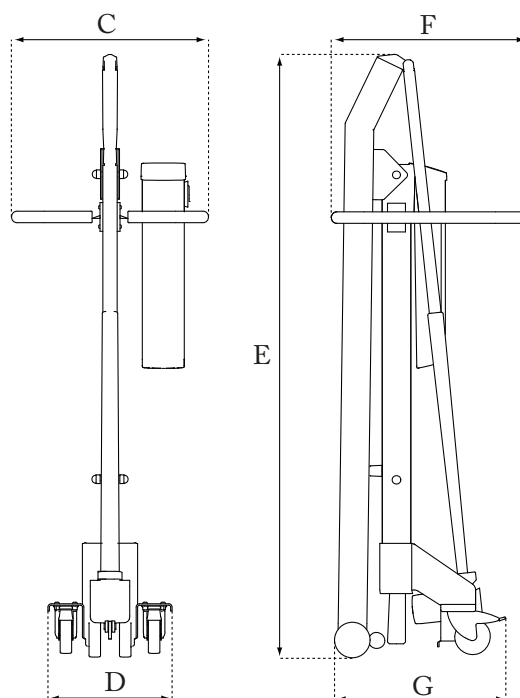
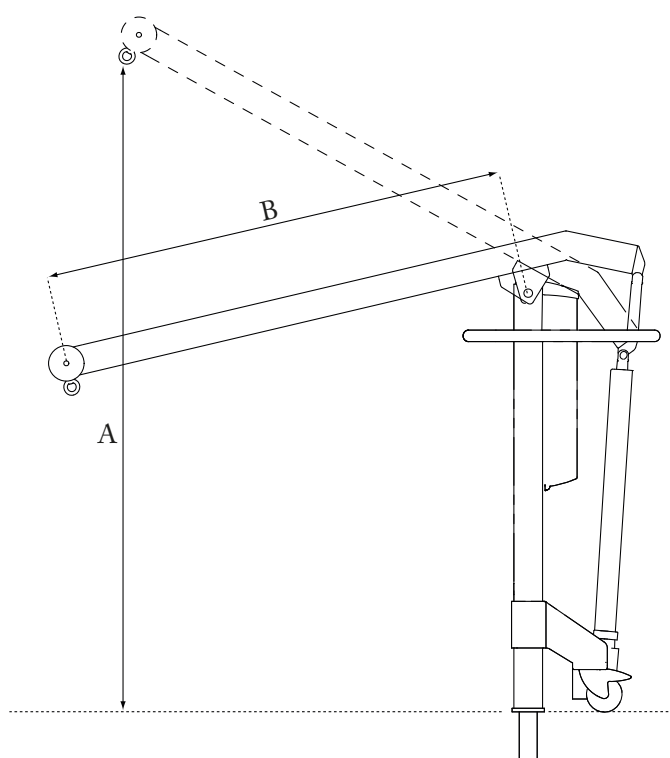
Max. lifting capacity	297.62 Lbs / 135.00 kg	
Emergency down	electrical	
Emergency switch	present	
Weight	base + mast + handle	97 Lbs / 44.00 kg
	control box	15.43 Lbs / 7.00 kg
Construction	ALU ; stainless steel ; painted	
Covers	ABS	
Castors	ø 3.94 inch / 100.00 mm (rear castors with brake)	
Batteries	sealed and maintenance-free 2 x 12 Vdc; 6,5 - 7,2 Ah	
Battery indication	audible signal	
Charger	type Mascot 9940	
	input: 0.9 A 100 - 240 Vac 50 -60 Hz, class II	
	output: 24 Vdc Max 1.3 A	
Charging time from signal	4 h	
Motor	24Vdc ; 4A	
Noise	50 dbA	
Safety class	IPx4	
Life span	10 years (Batteries have an approx. life span of 3 - 4 years)	
Max height	74.02 inch / 1880.00 mm	
Height mast	65.24 inch / 1657.00 mm	
Length boom arm	50.39 inch / 1280.00 mm	
Width base (folded up)	25.08 inch / 637.00 mm	
Force needed for rotation	at 110.23 Lbs / 50.00 kg	140 N

### SPEEDS

Raising (unloaded)	1.3 inch / 3.30 cm /s
Lowering (unloaded)	1.3 inch / 3.30 cm /s
Raising (load 198.42 Lbs / 90.00 kg )	0.98 inch 2.5 cm / s
Lowering (load 198.42 Lbs / 90.00 kg )	1.3 inch / 3.30 cm /s
Raising (load 297.62 Lbs / 135.00 kg )	0.87 inch / 2.20 cm /s
Lowering (load 297.62 Lbs / 135.00 kg )	1.3 inch / 3.30 cm /s

**DIMENSION (IN INCH / MM)**

A	1840.00 / 72.44
B	1305.00 / 51.38
C	540.00 / 21.26
D	350.00 / 13.78
E	1700.00 / 66.93
F	550.00 / 21.65
G	500.00 / 19.69



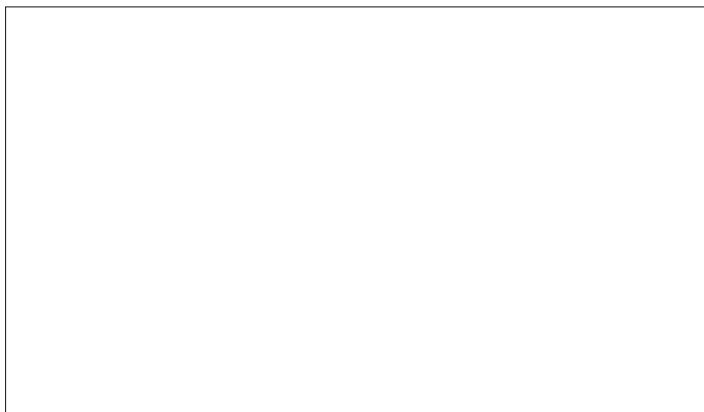
## 11. Parts list

art. 3200 9050.....	complete control box
art. 3200 9010.....	electrical hand control
art. 3240 0100.....	cap with cloth strap for socket
art. 3200 9030.....	charger 220/24V EUR
art. 3200 9031.....	charger 220/24V UK
art. 3200 9032.....	charger 110/24V USA
art. 3200 9033.....	charger 250/24V AUS

## 12. Spare parts and yearly maintenance

To obtain spare parts and maintenance including yearly inspections, contact your Handi-Move representative.

### For the USA



**Distributed Exclusively By:**

**SUREHANDS Lift & Care Systems**

982 County Route 1

Pine Island, NY 10969

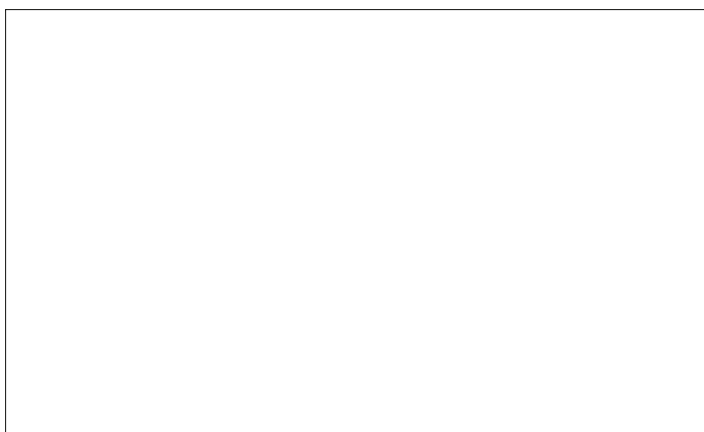
Tel: 800-724-5305

Fax: 845-258-6634

e-mail: [info@surehands.com](mailto:info@surehands.com)

website: [www.surehands.com](http://www.surehands.com)

### For Europe and the rest of the world



Handi-Move nv Ten Beukenboom 13 9400 Ninove

Tel. + 32 54 31 97 10 – Fax + 32 54 32 58 27

e-mail: [info@handimove.com](mailto:info@handimove.com)

website : [www.handimove.com](http://www.handimove.com)



## 13. Warranty

The following equipment is sold under an exclusive 2 year warranty from date of sale: HM2500 Series Motors, Wall-to-Wall™ lifts, Mobile 2600 Series, the Mobile 1600 Series, Track-to-Track™ 2000 Series Portable Motors, Motorized Wheelchair-to-Water Pool Lift, Digital Scale, Freedom Bridge Stand Alone System, and the SureHands® Body Support and Handi-Slings.

SureHands® slings (other than Handi-Slings) are sold under an exclusive 6-month warranty from date of sale.

All equipment not mentioned above is sold under an exclusive 1-year warranty from date of sale except batteries, which are excluded.

The manufacturer warrants it to be free from defects in material and workmanship. We agree to repair or replace any products, or parts thereof, which have been returned to our factory or which have been inspected on site by an authorized factory representative, within the specified warranty period, and which after examination shall disclose that the product is defective. Batteries are excluded. Labor charges for on site work may apply after 90 days. Transportation charges to the factory must be prepaid. The factory will pay return charges of repaired or replaced products.

This warranty does not apply if the equipment has been subject to misuse, neglect, accidents, incorrect wiring (not our own), improper installation, or put to use in violation of instructions furnished by us or repaired or altered by other than the factory or its authorized representative, without our prior written consent.

We reserve the right to modify or change the equipment in whole or in part, at any time prior to delivery in order to include refinements deemed appropriate by the Company but without incurring any liability to modify or change any equipment previously delivered, or to supply new equipment in accordance with earlier specifications. This warranty will be honored only if the attached card is filled out and returned to the address on the reverse side. This warranty is valid only to the original purchaser.

Loss or damage must be reported within 14 days after receipt of equipment. Visible loss of or damage to cartons must be noted at time of delivery on bill of lading or delivery receipt.

This warranty is expressly in lieu of all other warranties expressed or implied. We neither assume, nor authorize any other person to assume for us, any other liability in connection with the sale or use of this equipment. In no event shall we be liable for consequential or special damages. We make no warranty whatsoever in respect to accessories or parts not supplied by us.

## 14. CE - Certificate



Product ..... Zwembadlift

Produit ..... Soulève-personne Piscine

Product ..... Poolside hoist

Produkt ..... Schwimmbadlifter

Ref. .... 3200

Konform richtlijn ..... 2007/47/EG (05/09/2007)

Conforme la directive ..... (Class I Medical Devices)

In conformity with

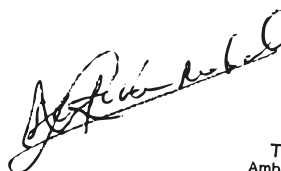
Gemäss Richtlinie

Voor **nv Handi-Move**

Stefan Van Raemdonck bvba

Director Handi-Move international

22/03/2010



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 Ambachtelijke Zone Appelsterre  
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