



Preventive maintenance schedule

# Introduction

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This product and its accessories have been manufactured by :

Nibotechnics nv, Heikant 5, B-3930 Hamont-Achel, Belgium

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## Foreword

- Equipment operators and service / maintenance personnel should hold this Preventive Maintenance Schedule.
- If you require further information or a service contract, please contact your local sales representative.
- The equipment is subject to wear and tear, and the following maintenance instructions must be performed when specified to ensure that the equipment remains within its original manufacturing specification.
- Please refer to the Operating Instructions DOC 065.\*\* and the Parts List doc nr 072.\*\* which are available from your dealer.
- *Nibotechnics strongly advise and warn that only original Nibotechnics designated parts, which are designed for the purpose, should be used on equipment and other appliances supplied by the dealer, to avoid injuries attributable to the use of inadequate parts.*

### Description of symbols used



#### **DANGER**

Means: electrical hazard warning, failure to understand and obey this warning may result in electrical shock.



#### **WARNING**

Means: Failure to understand and obey this warning may result in injury to you or to others.



#### **CAUTION**

Means: Failure to follow these instructions may cause damage to all or parts of the system or equipment.



#### **NOTE**

Means: This is important information for the correct use of this system or equipment.

## 1. Toilet / commode / shower chair



### Before each and every use

#### Sub-chassis

- Visually inspect the sub-chassis to make sure the castors and footrest are securely attached before use.
- Where large rear wheels are installed, make sure the tyres are adequately inflated.

#### Seat and frame

- Examine all exposed parts, especially where there is personal contact with the patient's body. Make sure no cracks or sharp edges have developed that could cause patient or user injury or have become unhygienic. Replace where necessary.



### Weekly

- Carry out decontamination of the **Sub-chassis, Seat and Frame** in accordance with Nibotechnics nv Operating Instructions, DOC 065.\*\* and local regulations. (\*\* = Two letters of a country code)
- Make sure all instruction labels are firmly attached and are readable. See Operating Instruction for location of labels.
- Make sure all external fittings are secure, and all screws and nuts are tight.

#### Sub-chassis

- Make sure all 4 off castors rotate freely, are securely fitted into the frame and the brakes lock.
- Make sure the safety catch, locking the seat frame to the sub-chassis operates freely.

#### Seat and Frame

Make sure the seat and backrest are securely attached to the frame.



### Every 12 months

Carry out a full inspection of the chair, checking welded areas for cracks, corrosion and the general condition of the chair. Replace those components where required.

## 2. Swimchair



### Before each and every use

- Visually inspect the chassis to make sure the castors and footrest are securely attached before use.
- Examine all exposed parts, especially where there is personal contact with the patient's body. Make sure no cracks or sharp edges have developed that could cause patient or user injury or have become unhygienic. Replace where necessary.



### Weekly

- Carry out decontamination of the **Swimchair** in accordance with Nibotechnics nv Operating Instructions, DOC 065.\*\* and local regulations. (\*\* = Two letters of a country code)
- Make sure all instruction labels are firmly attached and are readable. See Operating Instruction for location of labels.
- Make sure all external fittings are secure, and all screws and nuts are tight.
- Make sure all 4 wheels rotate freely, are securely fitted into the frame and the 2 off rear caster brakes lock.



### Every 12 months

- Carry out a full inspection of the chair, checking welded areas for cracks, corrosion and the general condition of the chair. Replace those components where required.

### 3. Stretcher & trolley



#### Before each and every use

##### Stretcher

- Make sure the mattress is securely attached to the stretcher platform using the Velcro strips.
- Make sure the stretcher is correctly positioned on the trolley and locked in place.
- Make sure the adjustable backrest lock is fully engaged in the slot.



#### Weekly

- Carry out decontamination of the **Stretcher and Trolley** in accordance with Nibotechnics nv Operating Instructions, DOC 065.\*\* and local regulations. (\*\* = Two letters of a country code)
- Make sure all instruction labels are firmly attached and are readable. See Operating Instruction for location of labels.
- Make sure all external fittings are secure, and all screws and nuts are tight.
- Make sure all 4 wheels rotate freely, are securely fitted into the frame and the 2 off caster brakes lock.
- Make sure the release lever, allowing separation of the stretcher from the trolley, moves freely.
- Where an additional guard-rail is used, make sure the spring clip is attached to a chain and locates locking the guard-rail in place satisfactorily. Replace if required.
- Check the condition of the patient platform on the stretcher frame, making sure it is not cracked, loose, the Velcro is firmly attached etc. Replace as necessary.



#### Every 12 Months

- Carry out a full inspection of the stretcher and trolley, checking welded areas for cracks, corrosion and the general condition of the stretcher and trolley. Replace those components where required.

## 4. Neptune transporter



### Weekly

- Check the condition and bond of the clamp pads and for free movement of the clamps.
- Check for smooth operation of the lifting mechanism.
- Make sure that castors are free in their movement and that the brakes operate efficiently.
- Make sure that all external fittings are secure and that screws and nuts are tight.
- Make sure that all safety labels are firmly attached and in good condition. Replace as necessary. See Operating Instruction for location of labels.



### Every 12 Months

- Carry out a general visual inspection of all external parts to make sure no adverse damage/wear has occurred. Replace components where necessary.
- Clean and re-grease winding shaft using Energrease FG 00-EP or equivalent.
- Clean and re-grease clamp-screws and hinge-pins using silicone grease or equivalent.
- On the guide wheel frame make sure the guide wheel rotates freely and lubricate using silicone grease or equivalent as required.

## 5. Pool lift Neptune



### Before each and every use

- Make sure the chair retaining safety catch on the traveller operates correctly and that the spring pressure within the catch is maintained.



### Daily

- Examine all exposed parts, especially where there is personal contact with the patient's body. Make sure no cracks or sharp edges have developed that could cause patient or user injury or have become unhygienic. Replace where necessary.
- Carry out decontamination of the **Nibotechnics Neptune** in accordance with Nibotechnics nv Operating Instructions, DOC 065.\*\* and local regulations. (\*\* = Two letters of a country code).



### Weekly

- With the seat in the fully lowered position, visually examine the exposed lifting cable within the mast for any signs of damage. If the lifting cable is damaged in any way the Neptune must not be used until the lifting cable is replaced.
- Make sure all external fittings are secure and all screws and nuts are tight.
- Fully raise and lower the seat using the winding handle to check for full and satisfactory movement.
- Make sure all instruction labels are firmly attached and are readable. Replace as required. See Operating Instruction for location of labels.
- Make sure the mast rotation lock locks and releases satisfactorily.



### Every 6 Months

- Visually inspect the wire rope assembly for signs of corrosion, fraying and wear etc by removing the cover from the housing. Once removed, visually inspect the rope whilst operating the winding handle to raise and lower the hoist. Replace if necessary.
- Carry out a general visual inspection of all external parts and make sure that no adverse damage has occurred during use.



### Every 12 months

- Repeat the 6 monthly checks.
- Inspect the friction discs within the clutch assembly for cracking, contamination etc. Replace as required. Reset the clutch assembly to support the following Safe Working Load of:

#### For 800 mm and 1 metre Boom

Safe Working Load = 25 Stone/ 350 lbs/160 Kg

#### For 1.2 metre Boom

Safe Working Load = 20 Stone/280 lbs/128 Kg

● **Note** Refer to nameplate for Safe Working Load.

- If a base plate is mounted check for security of fixings.
- Do a torque tightening check of the following:
  - a) Boom to housing, 4 off bolts – 68Nm (50lb ft). See Figure 1, Item Ax4.
  - b) Boom to mast, 4 off bolts - 54Nm (40lb ft). See Figure 1. Item Bx4.



### Every 2 Years

Carry out the 12 monthly checks plus the following:

- Replace the wire rope and drum assembly regardless of appearance!
- Replace the pawl springs (2off) within the ratchet assembly.

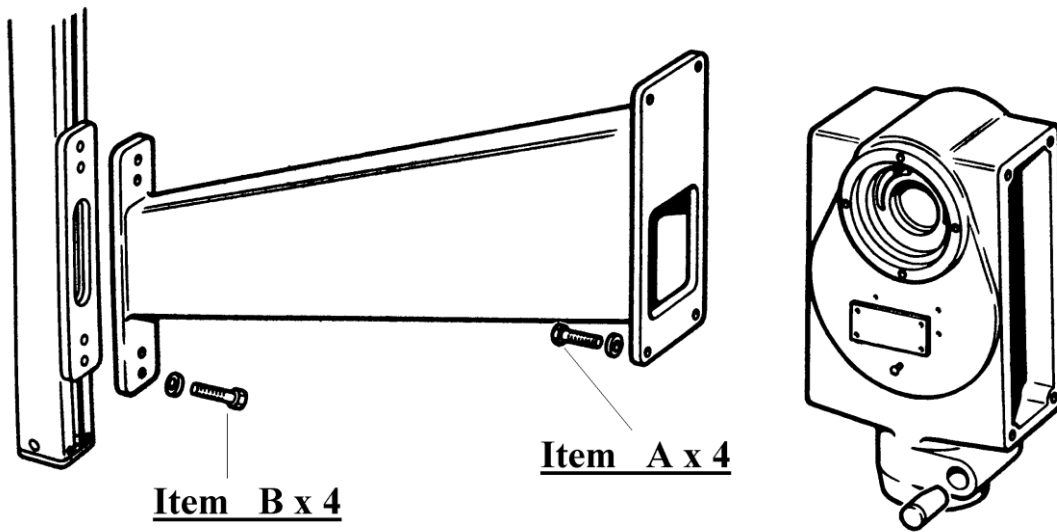


Fig. 1

### Recommended Spares

For a full list of recommended spares and spares packages, please refer to the Parts List Catalogue doc 072.\*\*. This catalogue is available through your local distributor.

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