



# PELICAN POOL & SPA HOIST

## INSTALLATION GUIDE



Active Mobility





## PELICAN POOL & SPA HOIST

Have the freedom to be active and enjoy the water!

Designed and manufactured in Australia, it's tested in accordance with ASA 3581. The Pelican Pool & Spa Access Hoist allows a person with any disability to have access to both above and below ground spas, swimming & Hydrotherapy pools - without manual lifting needed. It's suitable for use in public pools, leisure centres, private homes, nursing homes and schools.

The unit can be mobile or fixed permanently at the edge of the pool or spa and is easily installed on the pool deck by a handyperson / tradesperson, or alternatively we can arrange installation for you. At Active Mobility, we understand that all pools are different, so we will work with you to ensure the Pelican Pool and Spa Hoist is made to meet your needs. Freedom for everyone to use the pool regardless of disability.

**Complies with Disability Discrimination Act (Access to Premises – Buildings) under the Building Code of Australia.**

ALSO AVAILABLE: **PLATFORM LIFT** (Meets Access to Premises Standards 2010 for pools greater than 70m perimeter).

### FEATURES

- Easily wheeled from one area to another for multiple use and or storage (mobile unit)
- No manual lifting required
- Standard lifting capacity 150kg and 200kg
- Cover included
- Easily installed
- Press button hand switch operation

### SPECIFICATIONS

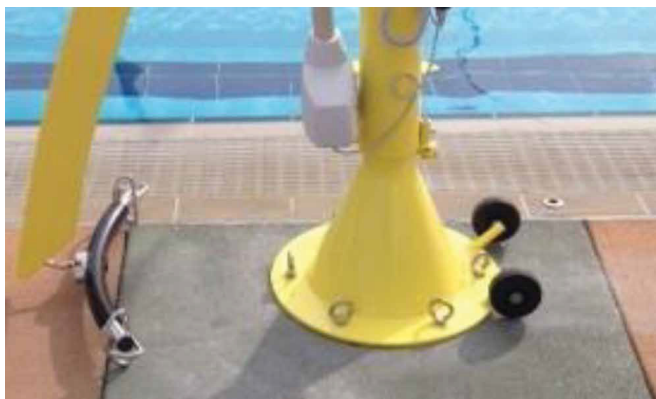
- **Safe Working Load:** 150kg / 200kg
- **Batteries:** Linak – 24v re-chargeable battery
- **Rotation:** Manual – 360 degrees. Power rotation available.
- **Total Weight:** From 60kg
- **Floor Mounting Plate:** 450 diameter
- **Construction:** Stainless Steel, powder coated to colour of choice
- **Hand control:** Linak - push button
- **Installation:** Anchored to pool deck with Stainless Steel anchors and eye bolts

### SEATING OPTIONS

- Floating sling
- Solid plastic seat for clients with upper body control
- **Pelican Wheelchair** - a great option as it can be used around the pool area
- Platform lift
- Spinal board

### OPTIONAL EXTRAS

- Power rotation - push button operation

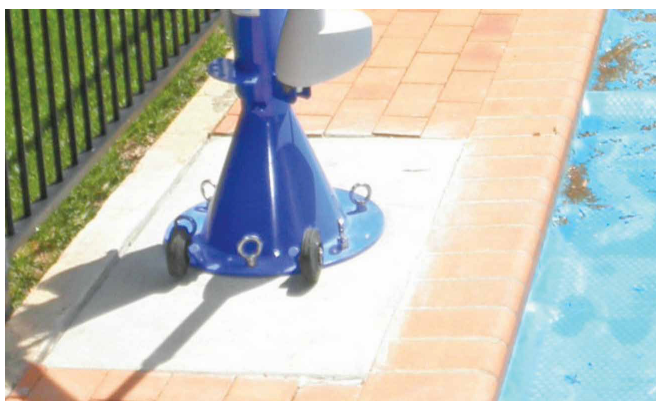


#### **CONCRETE PAD REQUIREMENT**

**IMPORTANT:** To safely install the Pelican Pool Hoist you will need a solid concrete pad to anchor it to.

#### **CONCRETE PAD INSTALLATION**

We recommend that approximately 1/3 of cubic metres of concrete is used when pouring your pad. This can be made up as a logical size, for example: 1000 x 1000 x 300 or 650 x 650 x 650. The ideal location is placed up against the pool edge.



#### **ANCHORING YOUR UNIT TO THE CONCRETE PAD**

We provide 100mm anchors as standard which have the receiver for the eye bolts. This will secure the 450mm Pelican Pool Hoist base.

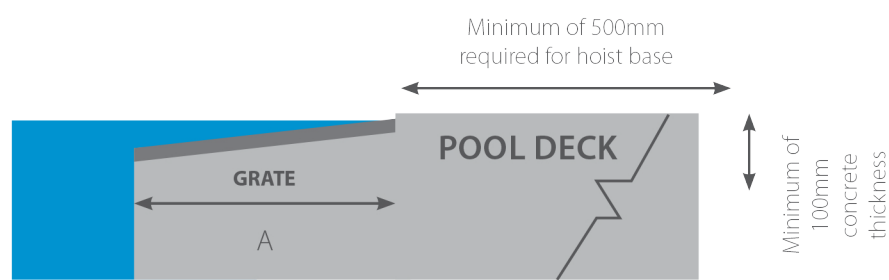
It's highly recommended to use a minimum of 20MPa concrete strength.



# PELICAN POOL HOIST MEASUREMENTS GUIDE

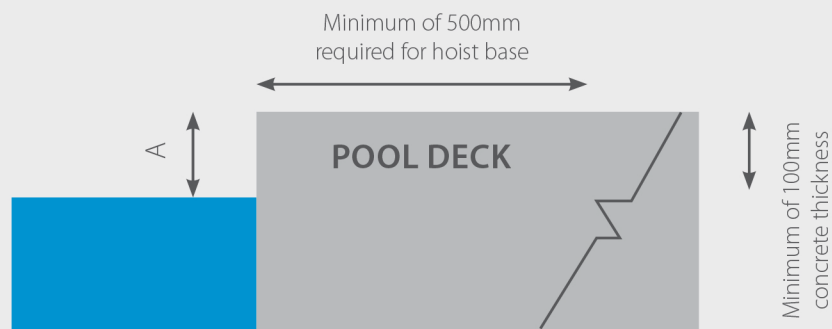
CHOOSE THE POOL/DECK DETAIL THAT IS SIMILAR TO YOUR POL AND MEASURE WHERE APPLICABLE.

DO YOU HAVE THE MINIMUM CONCRETE WIDTH AND THICKNESS TO MOUNT THE HOIST ON POOL DECK? Y | N



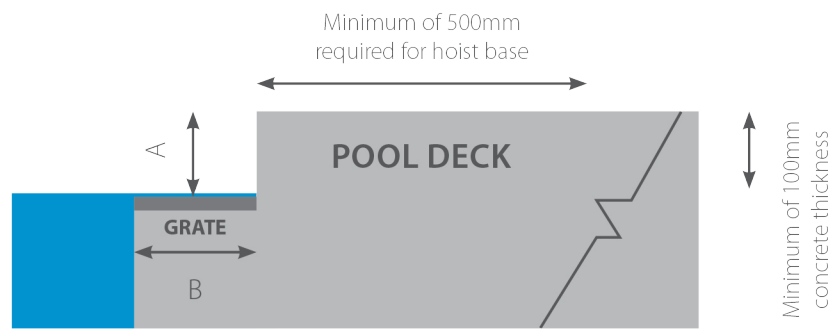
LAYOUT EXAMPLE 1

A =



LAYOUT EXAMPLE 2

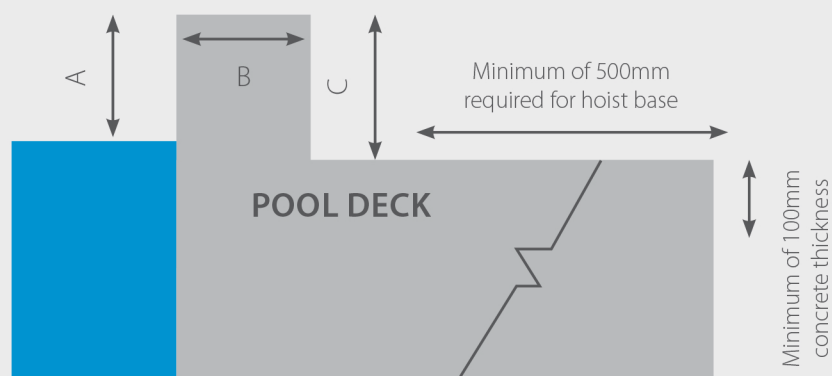
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LAYOUT EXAMPLE 3

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B =



LAYOUT EXAMPLE 4

A =

B =

C =

CUSTOMER NAME \_\_\_\_\_ POOL NAME \_\_\_\_\_

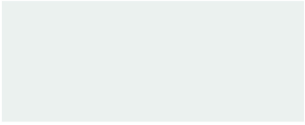
POOL HOIST COLOUR ☐ PEARL WHITE ☐ FRENCH BLUE GLOSS ☐ OTHER (SPECIFY)

CONTACT NAME \_\_\_\_\_ PHONE \_\_\_\_\_



# PELICAN POOL HOIST COLOUR SELECTION GUIDE

PLEASE SELECT THE COLOURS YOU WOULD LIKE YOUR PELICAN POOL HOIST TO BE.



Pearl White  
 272-1114G Gloss



Canola Cream  
 272-81796 Gloss



Silver Kinetic® Pearl  
 971-7043K Satin



Copper Kinetic® Pearl  
 971-7183K Satin



Pale Eucalypt®  
 260-6127S Satin 2606303M Matt



Wedgewood  
 272-50279 Satin



Charcoal Met Pearl  
 971-18796 Gloss



Black (C/B Night Sky)  
 272-19319 Matt 272-19268 Satin



Safety Yellow  
 984-2015G Gloss



Flame Red  
 984-19959 Gloss



Dark Violet  
 984-51926 Gloss



French Blue  
 984-32725 Gloss





## INSTALLATION INSTRUCTIONS PELICAN POOL HOIST

**EARTHING:** As per AS3000 of the wiring rules standards - "In certain circumstances" it may be necessary to have all conductive metal objects equally potentially bonded (earthed), this includes Pool Hoists.

**We recommend you seek the advice and opinion of a qualified electrician.**

## TOOLS REQUIRED

- Hammer Drill
- 16mm masonry bit
- Hole Cleaning Pump
- Hole Cleaning Brush
- Cartridge gun - for adhesive
- Adhesive (included)
- Acetone

1. To safely install the Pelican Pool Hoist you will need a solid concrete pad to anchor it to. We recommend that approximately 1/3 of cubic metres of concrete is used when pouring your pad. This can be made up as a logical size, for example: 1000 x 1000 x 300 or 650 x 650 x 650. The ideal location is placed up against the pool edge. It's highly recommended to use a minimum of 20MPa concrete strength.
2. **Place hoist in position, ideally around 100 to 500mm from edge of pool** (can be further but check that lifting arm will reach into pool far enough to lower person into water). Check for obstructions when arm of hoist is rotated. Use the hoist base as a template.
3. **NB Anchors must be set into the concrete NOT into the tile bed or pavers. If there are pavers surrounding the pool a concrete pad must be laid – contact Active Mobility Systems for instructions.**
4. **Drill 16mm diameter hole to a minimum of 100mm into concrete substrate.** (Example: 100mm below any tile bed).
5. **Remove dust and debris** by brushing and blowing 3 times each (If hole is wet or flooded, remove water with wet/dry vacuum). Hole may be damp but must not be flooded.
6. **Prepare all holes and socket studs** before continuing onto next step.
7. **Screw mixing nozzle onto Adhesive cartridge** (supplied) and dispense 2-3 trigger pulls of adhesive to waste until colour is grey with no streaks.
8. **Insert tip of nozzle** to bottom of hole and dispense adhesive.
9. **Fill hole** to about 2/3 full.
10. **Insert threaded stud socket**, with M12 threaded socket on top, with a rotating motion to release trapped air. Finish the top of the M12 threaded socket flush with finished floor, making sure that there is no adhesive in the threaded socket.
11. **Wait until adhesive has fully cured before loading.**
12. **Clean up** with acetone.

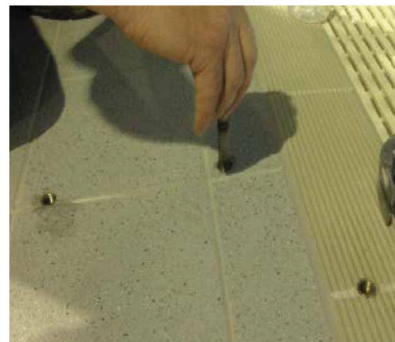
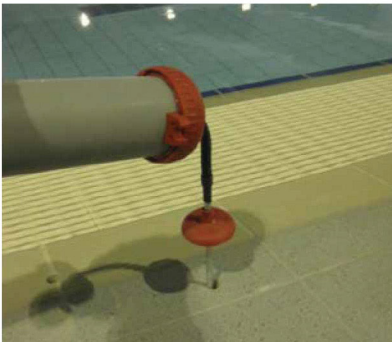
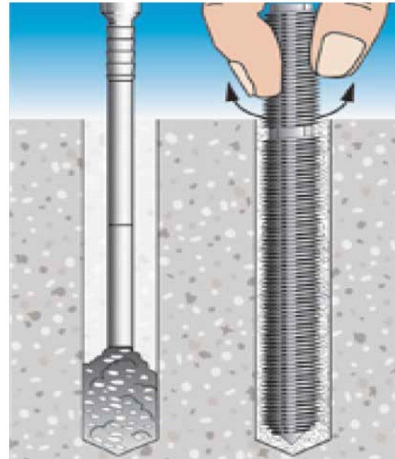
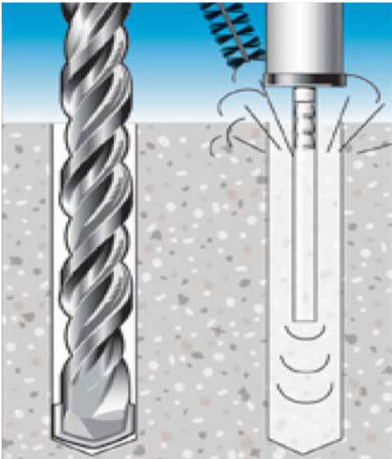




## DRILL HOLE

## BRUSH & BLOW

## INJECT ABRASIVE & INSERT STUD



NB. Tiles can be core drilled (16mm) for a cleaner / neater finish.

# USER INSTRUCTIONS - PELICAN WHEELCHAIR

## Entering the water

1. Place the client into the Pelican Wheelchair in the change room or desired location and wheel the chair to the pool hoist.
2. Unlock the lifter travel pin on the pool hoist.
3. Using the hand control, raise the hoist to above the client's head and wheel the chair under the lifting hanger.
4. Attach the chair straps to the lifting hanger.
5. Using the hand control slowly raise the chair off the pool deck and gently swing it over the water for lowering. A arer should be in the pool to accept the person if required.
6. The client floats or walks off the chair.
7. Send the chair back to the pool deck if required.



## Alighting from the water

1. Lower the chair to its maximum distance to allow easy access to the chair in the water.
2. When the client is seated correctly, raise the chair to slightly above the pool deck and pull the arm into the safe landing area and lower just enough to land the chair for alighting, then disconnect the straps. Wheel the chair to the change room.
3. When finished, lower the arm on the pool hoist to its lowest position and install the travel pin to lock the movement. Remove the battery to the charger.



**ALWAYS Lift the arm in a vertical motion as shown**



# USER INSTRUCTIONS - PELICAN FLOATING SLING

## Entering the pool

1. Using the hand control, raise the Pelican lifter to well above the clients head, wheel the chair under the lifting hanger
2. Slide the sling down behind the back of the client (the grab handle should be at the top, facing you) and tuck the bottom of the sling as low as possible underneath the buttock area (figure 1).
3. Bring the legs of the sling from the outside of the thigh underneath and up between the legs ensuring you tuck the sling leg as high as possible underneath the thigh. Repeat the procedure on the other leg (figure 2).
4. Hook up the leg loops of the sling to the lifting hanger right to left, left to right.
5. Hook up the shoulder loops right to right, left to left. There should now be a total of four loops connected to the lifting hanger.
6. Using the hand control, slowly raise the client off their chair and gently rotate the client over the water for lowering. A carer should be in the pool to accept the client if required.
7. Once the client is in the water, release the legs by unhooking the leg sections of the sling from the lifting hanger.
8. The client floats in the sling or floats away with the carer.

## Exiting from the pool

1. Lower the sling to its maximum distance to allow easy access to the sling in the water.
2. When the client is seated and the straps are connected correctly, raise the sling using the hand control above the pool deck and pull the arm of the lifter into the safe landing area and lower the client onto their chair for exiting.
3. When finished, lower the arm to its lowest position and install the travel pin to lock any movement.
4. Remove the battery and replace into charger.



## Specifications

**SWL** 150 or 200kg  
**Material available** PVC lined with padding, Semi buoyant

**Comes with adjustable straps and hooks into the hanger bar fitted on the Pelican.**

# USER INSTRUCTIONS - PELICAN FLOATING SLING

## Warning

- Ensure that there are no obstacles in the path of the client being lifted.
- Check that arms and legs are clear of obstructions. Failure to do so may cause injury.

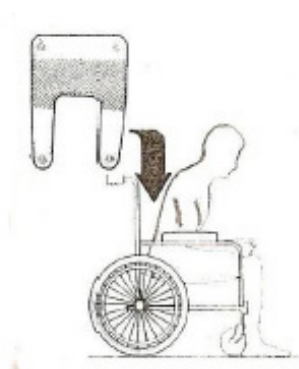


Figure 1

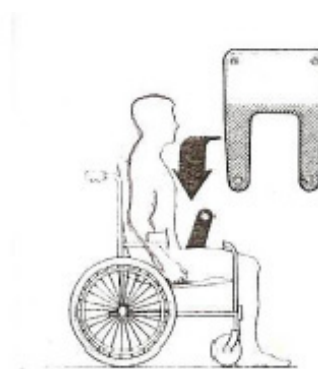
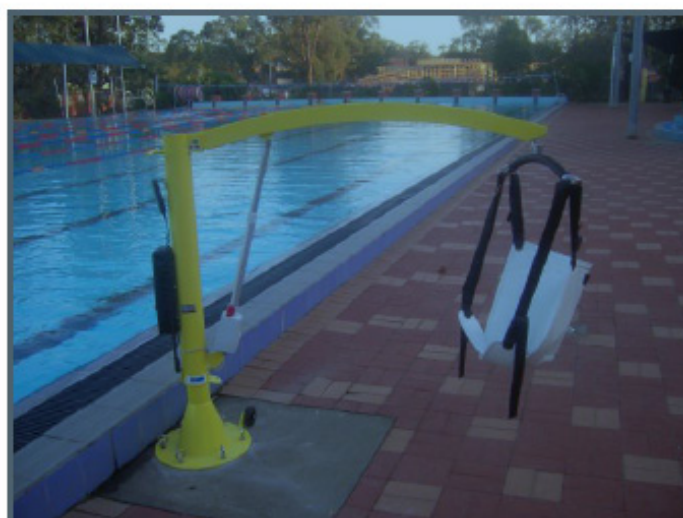
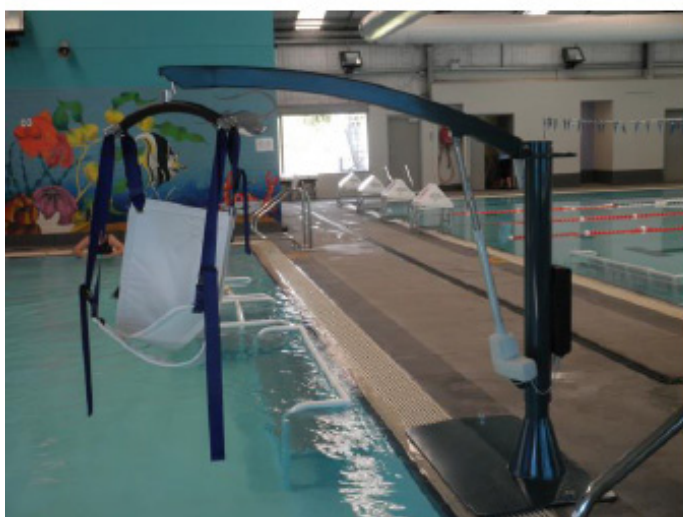


Figure 2





# LIFTING SLINGS OPTIONS



## General Purpose Slings

**General Purpose Slings** are designed to be simple & safe to use for both home & institutional patient lifting.

The slings are manufactured from polyester fabric or mesh (suitable for bathing) with internal padding in pressure areas.

These slings utilise webbing attachment loops, which are colour coded for sizing to allow easy sling selection & identification.

General Purpose Slings are used only with lifting hoists fitted with a yoke attachment.

*\*Recommended for general lifting*

### Specifications

<b>SWL</b>	300kg
<b>Material available</b>	Fabric or Mesh
<b>Sizes</b>	XS, S, M, L, XL, XXL, Custom
<b>Compatible with</b>	Standard yoke, 3-point yoke, 4-point yoke



## General Purpose Slings with Head Support

**General Purpose Slings with Head Support** are designed to be simple & safe to use for both home & institutional patient lifting. These slings are easily fitted to a patient in bed or a chair, providing excellent upper body & head support. Webbing loops of varying lengths are provided at each connection point to allow a lay back posture for the patient or, by using the shortest loops, a higher lift. These slings are used only with lifting hoists fitted with a yoke attachment.

*\*Recommended for lifting from the floor & general lifting of less secure patients*

### Specifications

<b>SWL</b>	300kg
<b>Material available</b>	Fabric or Mesh
<b>Sizes</b>	XS, S, M, L, XL, XXL, Custom
<b>Compatible with</b>	Standard yoke, 3-point yoke, 4-point yoke



## Floatation Slings

**The Silva Floatation Sling** is manufactured from a soft mesh material and has detachable tapes with colour coded pick up options for loop fixing hoists only. It features a foam neck roll for additional buoyancy of the users head and also has a waist support with connecting groin strap for client security. A soft padded roll at the base of the sling aids user comfort. These patient slings are ideal for transferring a user into a hydrotherapy pool and help to provide additional confidence in a pool environment for both the user and carer. The Silva Floatation Sling reduces handling needs whilst still fully supporting the user whilst in the therapy pool.

**Safety:** This product is not a lifesaving piece of equipment and it should not be treated as such. It has been designed to assist with transfers into the pool and to provide support and aid buoyancy whilst in the water. The user should be accompanied at all times when using this product and never left unsupervised.

# POOL HOISTS OPTIONS



## Kingfisher Pool Hoist

**The Kingfisher Pool Hoist**, designed and manufactured in Australia, will allow access to a pool where traditional methods are not able to be used. Designed in close consultation with Occupational Therapists and other industry professionals, the Kingfisher Pool Hoist is a simple and safe operation that is both comfortable and dignified.

The Kingfisher is ideal for home pools, retirement villages and hotels, plus more. It is user-operated and secured to the pool deck easily. Perfect for people with upper body control and those who can self transfer. The Kingfisher was recently the hoist of choice of the 2018 Commonwealth Games Athletes Village.

The Kingfisher Pool Hoist has a Safe Working Load (SWL) of 150kg, rechargeable Linak 24v battery, floating hand control, load bearing lift-up arm rests for ease of transfer, removable and adjustable foot rest, flip up seat for storage, wheel away transport trolley option for storage, lap belt for safety, left or right side mounting, extra heavy duty Linak Actuator with emergency lifting.



## Reval Pool Lift

**The Reval Poolside Hoist** takes the strain out of hydro transfer and enables all users, irrespective of their degree of mobility, to enter the pool quickly, easily and safely. Installed in any pool environment with a solid floor, the Reval Poolside Hoist may be adapted to incorporate a chair or stretcher system, significantly reducing manual handling risks for caregivers and providing a safer environment for patients.

The Reval Pool Lift is a deluxe pool access system allowing autonomous access to the pool thanks to the rotation system and the electrical hi-lo, which is piloted by a pneumatic remote control.

The Reval Pool Lift is fixed to the ground, meaning this pool hoist allows the safe transfer of disabled people into chairs or laying down on a stretcher.





**Active Mobility**

**Active Mobility Systems**

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