

# Pool & Spa Accessibility

Aquatic Wheelchair

Aquatic & Platform Lifts

## Aquatic Wheelchairs



### Aquatic Wheelchair - PVC

Aquatic Wheelchair for use around wet areas, in the swimming pool or shower areas. This light yet robust wheelchair safe working load is 120 kgs (SWL 120 kg) (Bariatric Chair SWL 200 kg) and complies with Australian Standard AS3973 and Disability (Access to Premises - Buildings) Standards 2010. It is the product of many years of innovative research and development, culminating in the manufacture of a rust free, low maintenance & attractive wheelchair. The chair is made of PVC tubing which doesn't get hot or have sharp edges. The strong open weave fabric allows the flow of air or water. The chair is fitted with swing up arm rests to allow safe transfer. Large push rims are fitted for independent use or rear handles may be used. This wheelchair is ideal for use at leisure centres and hydrotherapy pools. It is particularly useful where there is a ramp or beach area built into the pool or where elderly or disabled patrons have to walk long distances.

Options:

Junior Adaptor - Adjustable (4 to 12 years) Code: PCHAIRJRA

Harness Belt Code: PCHAIRBH

Standard Weight: 15.3 kg

Code: PCHAIRPSD

Bariatric Weight: 22 kg

Code: PCHAIRPSDB

*Full details and specifications available at our web site.*



### Mobile Aquatic Wheelchair - Stainless Steel

Mobile Aquatic Wheelchair for use around wet areas, in the swimming pool or shower areas. This wheelchair safe working load is 136 kgs (SWL 136 kg) and complies to the Disability (Access to Premises - Buildings) Standards 2010. The chair is made of 316 stainless steel tubing with powder coating for durability. Chair frame is fitted with swing up arm rests to allow safe transfer. The rigid rotomolded plastic seat aids in user transfer by providing a stable platform that can be used for transfer support. Rear stabiliser wheels eliminate the tendency of a chair to pitch back while going up ramps. Large push rims are fitted for independent use or rear handles may be used.

This wheelchair is ideal for use at leisure centres and hydrotherapy pools. It is particularly useful where there is a ramp or beach area built into the pool or where elderly or disabled patrons have to walk long distances.

Code: PCHAIRSR500

*Full details and specifications available at our web site.*

## Hydrotherapy Plinth



### Hydrotherapy Plinth

Made of 316 mirror polished stainless steel. The plinth locks on to a standard 38 mm<sup>ø</sup> or 50 mm<sup>ø</sup> hand rail. (Pictured but not included). The fabric is water-proof quality & features strong lace on design. It is removable for easy storage when not in use. Supplied with straps.

Dimensions: 1150 mm x 588 mm (L x W)

Code: PPLINTH



## Splash Aquatic Lift

The Splash Aquatic Lift is a semi-portable lifting system designed for swimming facilities seeking to provide user friendly access to their swimming pools. The Splash is battery powered & operated by a screw driven actuator. The design & durability of the system ensures consistent operation & minimises service problems.

The Splash is virtually maintenance free. The components are made from corrosion resistant materials, including powder-coated aluminium (arms), & powder-coated stainless steel (base, mast, & seat frame). The unique seat of the lift was specifically designed to provide the user with the greatest possible safety, comfort & ease of transfer.

The hand control is completely waterproof, and allows either the user or the attendant to control its operation with ease. The LiftOperator control box and battery are water resistant and should be protected from long exposure to the water. A small, waterproof cover is included with each lift to cover the LiftOperator control box when the system is in use. If the lift is stored for long periods, an optional cover is available for purchase and is recommended to use to protect the system.

The seating system used is the product of years research. This is the first such system that is designed specifically for disabled swimmers. The seat itself is both deeper & higher to both provide a more stable platform for sitting, as well as being able to better accommodate swimmers with reduced trunk stability. The seat has been flattened considerably to eliminate any ridge that would hamper transferring. The sections of the seat have attachment points for both the standard seat belt assembly as well as our optional stability vest.

The standard moulded plastic footrest is removable & will float upwards to prevent damage if the user lowers the chair too low over the deck.

A sling option is also available. The sling can be used instead of the seat by undoing two bolts and removing the arm and seat assembly and replacing it with the Sling Jib. The Sling is then attached to the sling jib. The sling and Jib can be retrofitted to existing Splash, Pal and Pal2 lifts.

The included armrests have been strengthened which allows them to be used for support when transferring onto the seat. They can be rotated out of the way during a transfer.

Included with each lift: Footrest, Caddie, Seat with Arm Rests, Battery with cover, Battery Charger & Seat Belt Assembly.

Splash Standard - Suits most applications

- (Max. 740 mm from pool edge no fall)

Splash Extended Reach - For pools requiring a longer reach

- (Max. 1170 mm from pool edge no fall)

Options:

Sling & Jib Attachment

Stability Vest

Seat Pad

Total Lift Cover for Standard lift

Spine Board Attachment

Extra Deck Anchor for multiple locations

114 x 110 x 155 mm (L x W x H)

Models :

Standard Lift - Suits most applications

Extended Reach Lift - For pools requiring a longer reach

Full details and specifications available at our web site.

Code: PLIF10230

Code: PLIF10200

Code: PLIF10210

Code: PLIF10220

Code: PLIF10240

Code: PLIF10250

Code: PLIF10000

Code: PLIF10010



Splash Aquatic Standard Lift



Sling & Jib Attachment



Deck Anchor



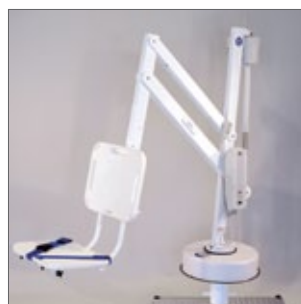
Total Cover



Spine Board Attachment



Stability Vest



Splash Aquatic Standard Lift



Splash Aquatic Extended Reach Lift

## Portable Lifts



### Pal2 Aquatic Portable Lift

The Pal2 Aquatic Lift is a Fixed Portable free standing lift. Easy to move by one person. A lifting capacity of 136 kg. The Pal2 is a 24v battery powered and operated by a screw driven actuator. It features full mechanised left and right as well as up and down motion. The design and durability of the system ensures consistent operation and minimises service problems.

The Pal2 is virtually maintenance free. The components are made from corrosion resistant materials, including powder coated stainless steel and aluminium construction. The unique seat of the lift was specifically designed to provide the user with the greatest possible safety, comfort and ease of transfer.

The control system and seat assembly is the same as the Splash Lift.

What's included:

Pal2 Lift, Footrest, Arm Rests, Battery Charger, Battery Cover and Seat Belt Assembly.

Options:

Sling & Jib Attachment	Code: PLIF10230
Stability Vest	Code: PLIF10200
Seat Pad	Code: PLIF10210
Total Lift Cover for Standard lift	Code: PLIF10220
Spine Board Attachment	Code: PLIF10240

Pal2 Lift	Code: PLIF10065
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*Full details and specifications available at our web site.*



### Pal Hi-Lo Aquatic Portable Lift

The Pal Hi-Lo Aquatic Lift is a Fixed Portable free standing lift. Easy to move by one person. A lifting capacity of 136 kg. Designed for facilities that have both inground pools and raised spas. The Pal Hi-Lo is a 24v battery powered and operated by a screw driven actuator. It features full mechanised left and right as well as up and down motion. The design and durability of the system ensures consistent operation and minimises service problems.

The Pal Hi-Lo is virtually maintenance free. The components are made from corrosion resistant materials, including powder coated stainless steel and aluminium construction. The unique seat of the lift was specifically designed to provide the user with the greatest possible safety, comfort and ease of transfer.

The control system and seat assembly is the same as the Splash Lift.

What's included:

Pal Hi-Lo Lift, Footrest, Arm Rests, Battery Charger, Battery Cover and Seat Belt Assembly.

Options:

Sling & Jib Attachment	Code: PLIF10230
Stability Vest	Code: PLIF10200
Seat Pad	Code: PLIF10210
Total Lift Cover for Standard lift	Code: PLIF10220
Spine Board Attachment	Code: PLIF10240

Pal Hi-Lo Lift	Code: PLIF10060
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*Full details and specifications available at our web site.*

# Glacier Battery Powered Platform Lift

## Glacier Battery Powered Platform Lift

The Glacier Platform Lift accommodates an Aquatic Wheelchair for the individual that needs assisted stabilised support for entry into the pool or spa.

Lifts are custom made to suit individual requirements.

Lifting Capacity: 272 kgs  
For decks to pool floor 914 mm to 1.2 m  
Rechargeable Battery

The Glacier Platform lift is designed for use in commercial swimming pools. The lift has been specifically designed to replace the need for a ramp in a pool having no less than 914 mm deck to the floor of pool at the installation site. This lift is self-operated & electrically (low voltage) powered. The lift is rated for a 272 kg lifting capacity with a safety factor of 1.5.

### Operating Controls & Power Source

A four channel radio frequency receiver/transmitter controls the operation of the platform lift. Four wireless handsets are provided to allow operation from pool deck platform affixed to the rail on entry & exit, then two additional transmitters are provided unfixed to the lift. The handsets are operable by either left or right hand & are ergonomically designed for ease of use. The handsets are sealed to prevent water damage. Four control buttons provide directional control, two for vertical travel of the lift & a lockout button to restrict usage of the unit when not required. The operation of the handsets require a constant button pressure. A 24VDC rechargeable battery powers the lift's drive motor & radio frequency control receiver. A spare battery is provided with each unit. The control box & battery assembly is mounted to the lift & includes a hard wired emergency up/down control switch at the console. A battery charger is provided with an electrical power cord, for remote installation.

### Lift Construction

The Glaciers' structural components are fabricated from 304L stainless steel. These stainless components are precision joined using GMAW & TIG processes depending on the thickness & loading of the structure. The stainless steel is electro-polished & passivated in accordance with ASTM A967 guidelines, then the unit is coated with Spectra Shield to ensure maximum corrosion resistance. The majority of the lifting column is skinned with 20 mm grey pultruded fiberglass sheet with a polyester resin that is UV inhibited for extremely long service life. The lift structure is customised during fabrication to the specific pool depth. Final adjustments on site to match the deck of the lift up to the finished pool deck can be made with four pressure feet at the bottom of the structure & an adjustable metal stop on the carriage located within the lifting column.

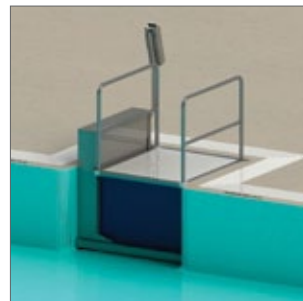
### Platform Construction

The lift is fitted with a platform of dimensions 1.016 m x 1.168 m (W x L). The platform has two 860 mm high 38 mm 316L stainless steel handrails on each side. The platform structure is constructed of heavy gauge 304L stainless steel & the platform face is pultruded fiberglass T-Bar grating with an extreme nonslip UV inhibited grit textured surface. The platform structure is attached to a blue polyethylene mesh screen, the screen slides on two rails affixed to the lifting column allowing no gaps for entrapment between the net & the lifting column. The screen collapses with the platform as the platform lowers.

### Lifting Components

The lifting components are made for long life in aquatic environments, & are serviceable to ensure safe & consistent operation. The lifting system is designed as a redundant system to maximize safety & product life. There is a counterbalance to mitigate the loading on the primary lifting system. The primary lifting mechanism is two Stainless Steel power screws joined & driven by a high performance carbon fiber belt designed to outlast any other known drive system of this type, & need no adjustment through product life. The power screw drives the lift carriage through permanently sealed stainless steel food grade bearings & proprietary linear lead screw nuts. The power screw assembly requires no grease & use the pool water as the working lubricant. The carriage rides on proprietary polymer plane bearings & stainless steel rollers, six in total distributes the weight evenly & safely. The polymer plane bearings require no lubrication beyond the pool water.

Code: PLIF50000



Raised Lift



Lowered Lift

Full details and specifications available at our web site.

