

# Aqua<sup>tilt</sup>

The Universal Pool & Shower Wheelchair

from poolpod<sup>®</sup>



# Designed for all

## Designed by you

Our philosophy is that technology enables people, and a lack of effective technology creates inabilities and disabilities.

In a previous age, many people with impaired vision would have been severely disabled. The simple and effective invention of glasses means that I don't give my ability to see a second thought.

My objective is that our products become so effective that like other good technology they become taken for granted.

Everybody is a current, potential or future user of our products. We thank many inspiring people for ideas and assistance in developing our products, and we are delighted to be translating your ideas into reality.

Josh Reid

JOSH REID,  
Inventor of the Poolpod.



## 'Good technology becomes taken for granted'



1.

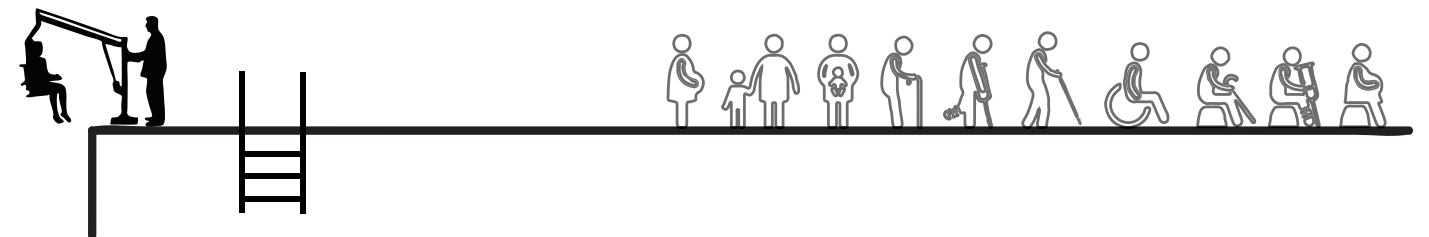
2..

3...

**Swim!**

## 'Poor technology disables'

Many people don't swim because of difficulty with ladders and pool hoists.



# Mobility that suits **everyone**

The problem with other pool wheelchairs is that they are suited and optimised to a small subset of peoples needs.



“I only use a wheelchair occasionally for longer distances or when I feel tired”



“I am strong and want to be active, independent and propel myself”



“We need a child size wheelchair”



“I need extra help and am only comfortable in a tilted wheelchair”



“I need a large size wheelchair”

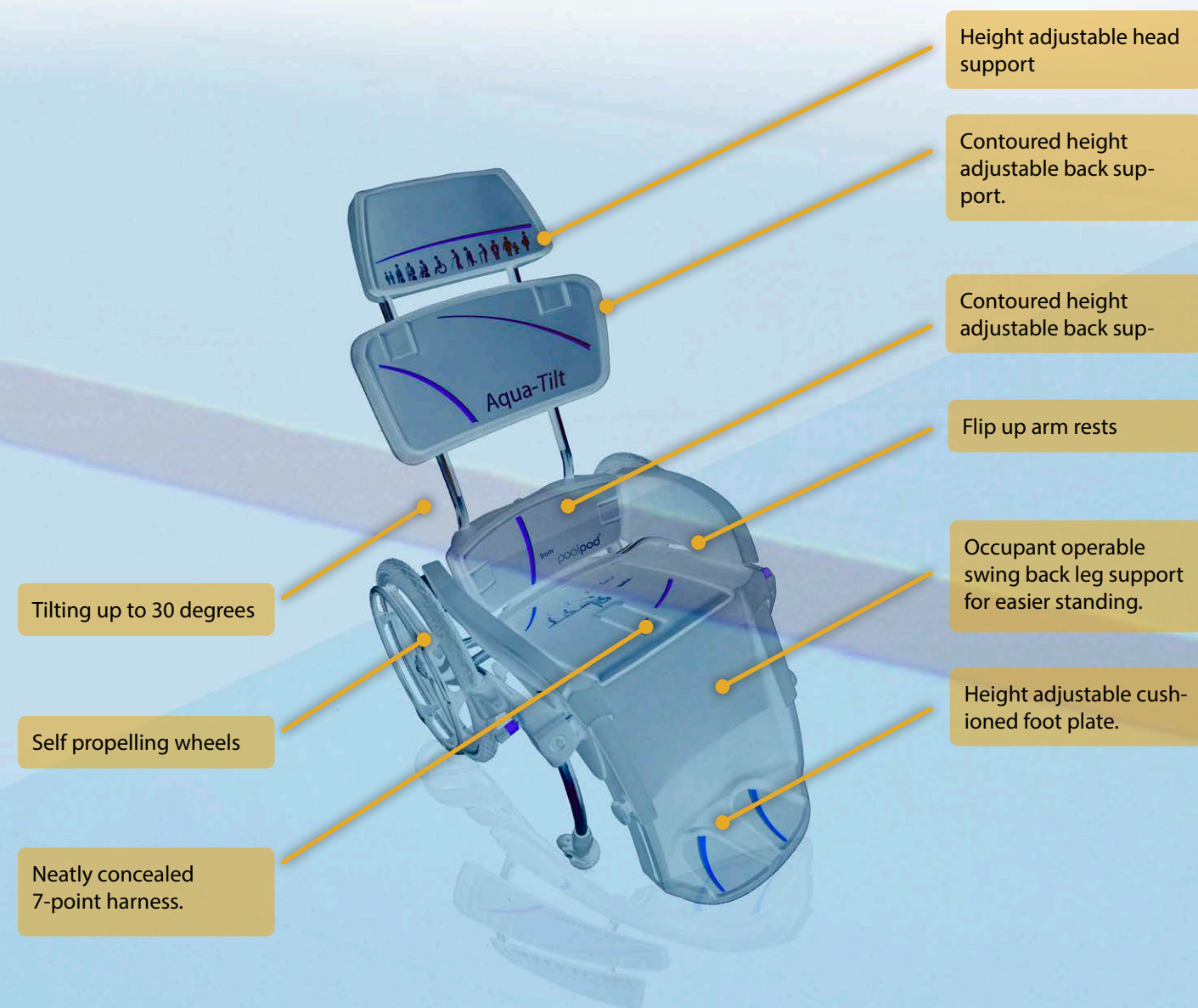
## Available **here...**





# Aquatilt

- Aqua**stand** feature is perfect for occasional wheelchair users.
- Tilting up to 30 degrees creates a comfortable platform for users with **higher dependency**.
- One size fits all - with adjustable seat, back and leg supports. Aquatilt suits many users from larger people to smaller people and children and people with specific support needs.
- Aqua**Parallel** completely clear path for parallel transfers to other seats, pool hoists and using the WC.
- For **swimming pool and showering** use.
- Self propel or assisted propel
- Concealed restraints - 5 point harness system with additional leg restraints.
- Flip up arm rests
- Resistant to pool water, soap and cleaning agents.
- **Wipe-dry** seating pads - No Wet seat for the next user.



# Freedom to swim

Aquatilt helps all take advantage of the benefits of the water.

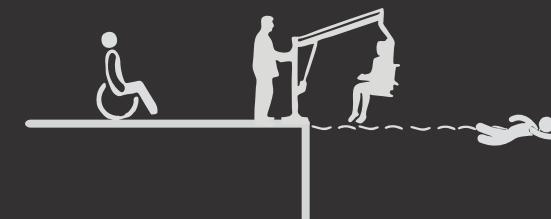
**No matter how you get into the water**

**Aquatilt provides the most versatile and inclusive pool-side access.**

*“Swimming just gives you the utter feeling that you can freely move every part of your body.”*



“I use Aquatilt with the award-winning Poolpod.”



“I use Aquatilt with a pool hoist.”



“I use Aquatilt with a ramp or beach.”

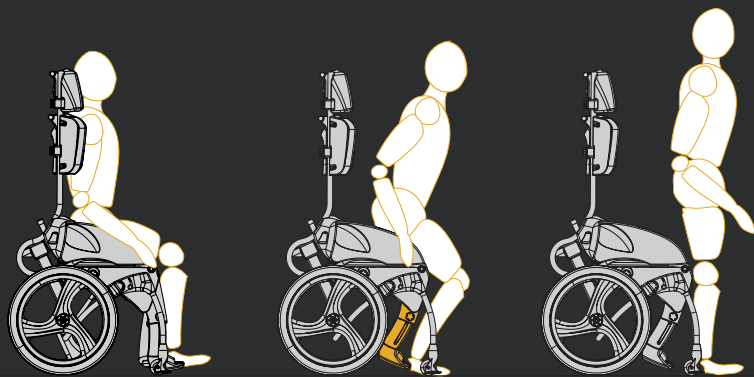


“I use Aquatilt with platform lifts or movable pool floor.”



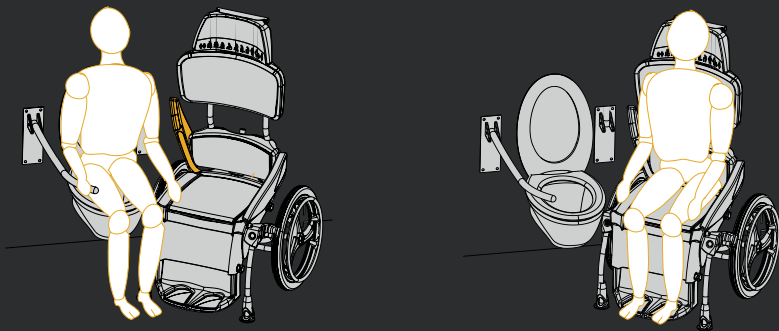
# Transfers **made easy:**

## Aqua**Stand**:

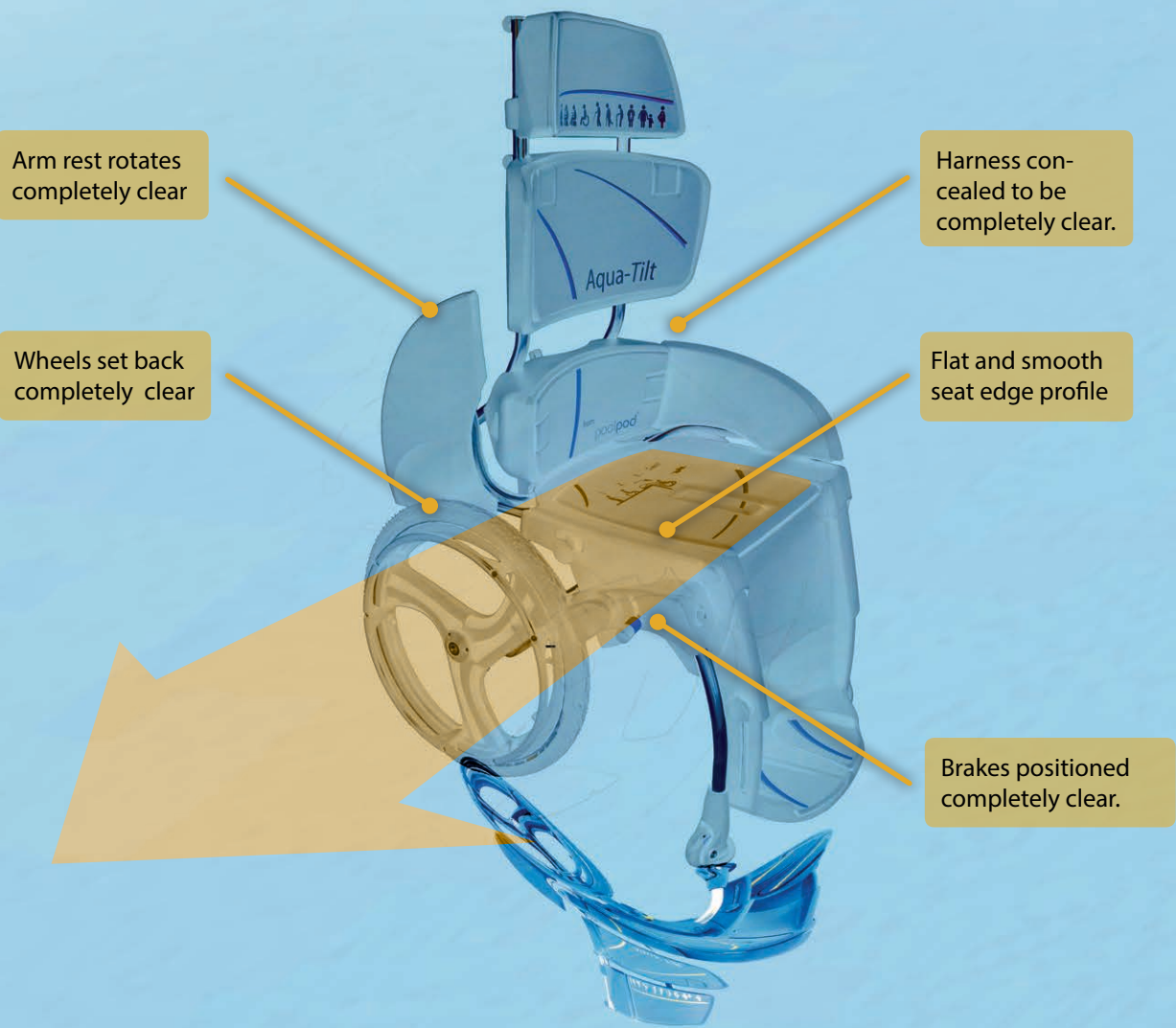
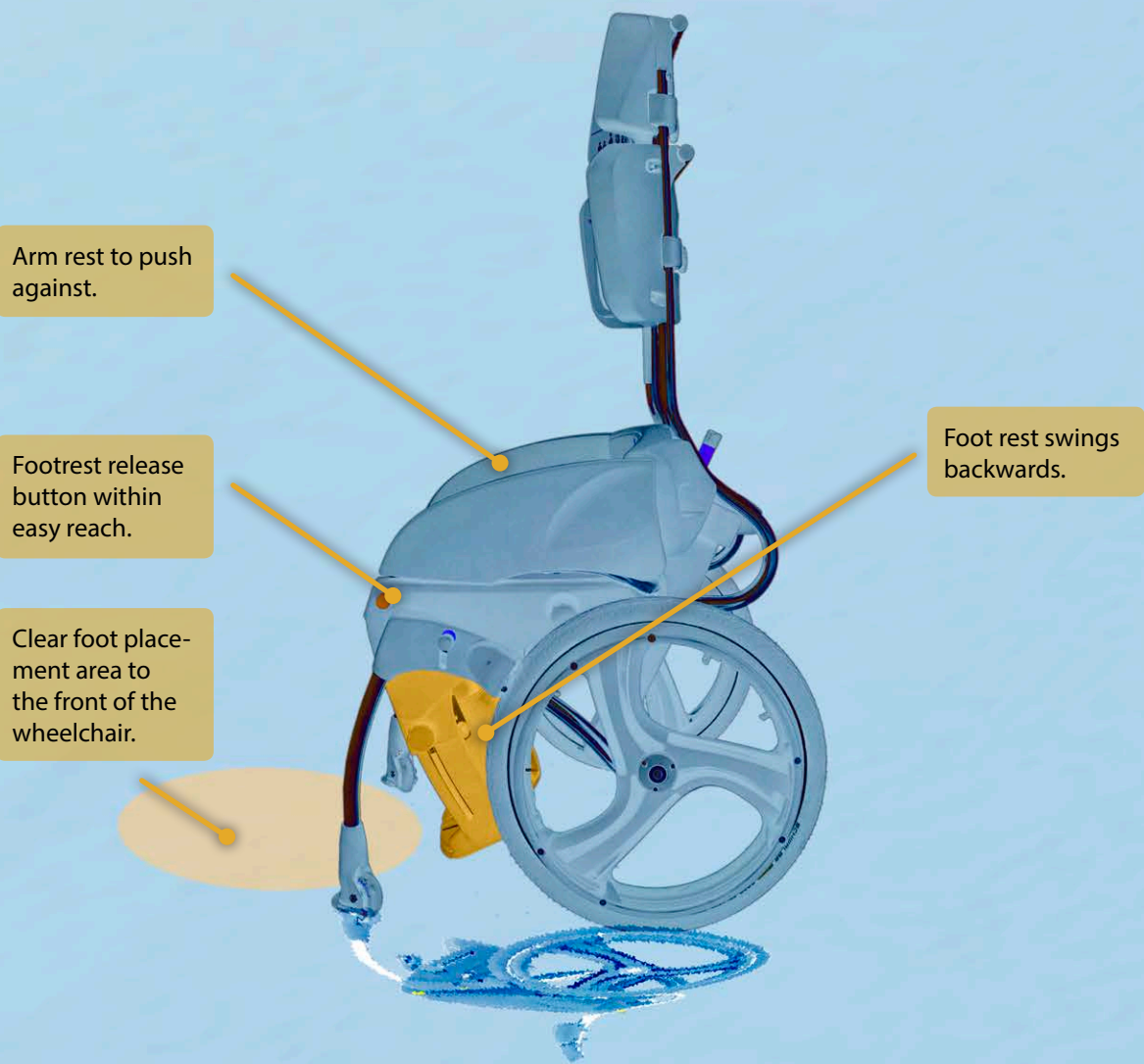


The **Aqua**stand**** design means you can swing back the foot support without reaching down. The foot rest tucks back neatly under the seat so that the front of the wheelchair remains completely clear. Then move your feet to a comfortable position and push against the hand rests to rise to a standing position. You may wish to park in front of grab rails for added support.

## Aqua**Parallel**:



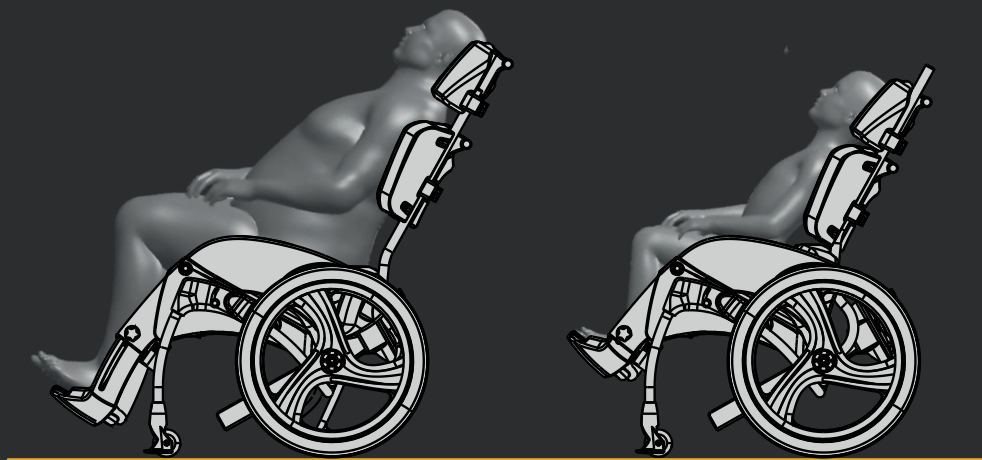
Transferring to another wheelchair, to a WC, to a vehicle or other seating is made easier by the **Aqua**parallel**** design: The flip up arm rests store neatly away while the rear wheel is positioned to create a completely clear pathway for parallel transfer.





# Comfort for all:

**Aqua<sup>tilt</sup>** accomodates a wide range of proportions using continuously adjustable leg length, seat depth and back supports meaning the seat can be set in a comfortable position for you.



Maximum length  
back rest

Reduced length  
back rest

Reduced seat  
depth

Enlarged seat  
depth

Enlarged leg sup-  
port.

Reduced leg sup-  
port.

# An end to poolside transfers:

Put an end to poolside transfers\*. Many people consider poolside transfers to be unsafe, they also put extra demands on pool staff, can be undignified and ultimately off putting for swimmers. Using your **Aqua<sup>tilt</sup>** with a Poolpod platform lift means wheelchair users can roll straight onto the platform with minimum fuss.



\*Image shows Poolpod **Aquaactive** wheelchair.



# Features overview:

**Tilting:** If sitting in an upright position, gravity pushes down on the body, if you have low muscle strength it is impossible to maintain proper upright posture, causing discomfort. Tilting promotes proper seating alignment, allows posture to be maintained and relieves pressure. The manually controlled tilting function of the Aquatilt allows for up to 30 degree recline, meaning users can be positioned safely for the journey to poolside, or all the way into the water with a Platform lift or ramp.

**Concealed waist belt:** The waist belt is conveniently concealed behind the lumbar support. Simply peel back the seating pad and pull out the strap. All parts of the Aquatilt can stay permanently attached so they won't get lost.

**Seat Pads:** Wipe clean, wipe dry contoured seat pads in a variety of colour schemes

**Back support:** Adjustable height back support features.

**Easystand feature:** Operable without reaching down, the footrest swings back to allow you to rise to a standing position more easily.

**Head Support:** The wheelchair headrest aids user by preventing neck strain or stress, with slight curvature providing lateral support and keeping users head in neutral position, even when tilted. The height of headrest changed by simple mechanism allowing adjustment for different users.

**Push Handles:** Two push handles are provided at the rear, positioned at different heights these allow for comfortable manoeuvring of the wheelchair at various tilt angles.



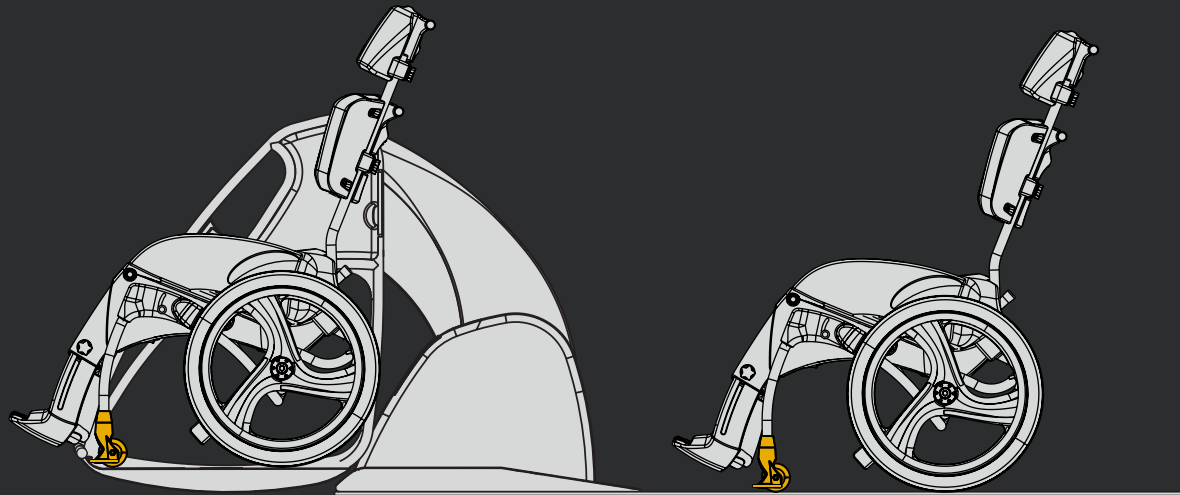


## Safety first:

Safety features to maximise independence and protect you.

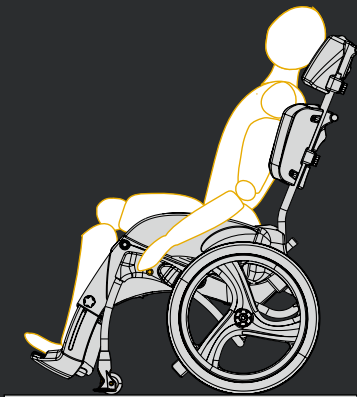
### AquaLock:

This feature ensures that the wheelchair cannot ride off the edge of compatible pool platform lifts from our range. When the door of the platform lift closes it acts to gently grip the wheelchair to hold it securely in place. This is particularly important when the wheelchair is submerged to prevent the wheelchair being lifted off by movement of the water, buoyancy or being pulled in by a user.



### AquaBrake:

**AquaBrakes** are designed for intuitive operation. The brightly coloured handles are pulled to brake and push down to release. They are positioned to leave parallel transfers completely unimpeded whilst within easy reach of users. AquaBrakes are covered to prevent users being exposed to trapping points.



## With Poolpod transfers are **Safe & Dignified.**



Using alternative products poolside transfers can be unsafe. Poolsides can be slippery and frequently manual handling takes place contravening regulations and creating stress and strain for all concerned. Poolpod eliminates the need for transfer at the poolside and **AquaTilt** is optimised for transfers wherever they are required.

## Restraints to suit all users.

Restraints to support a wide range of sizes and support needs.

### AquaHarness:

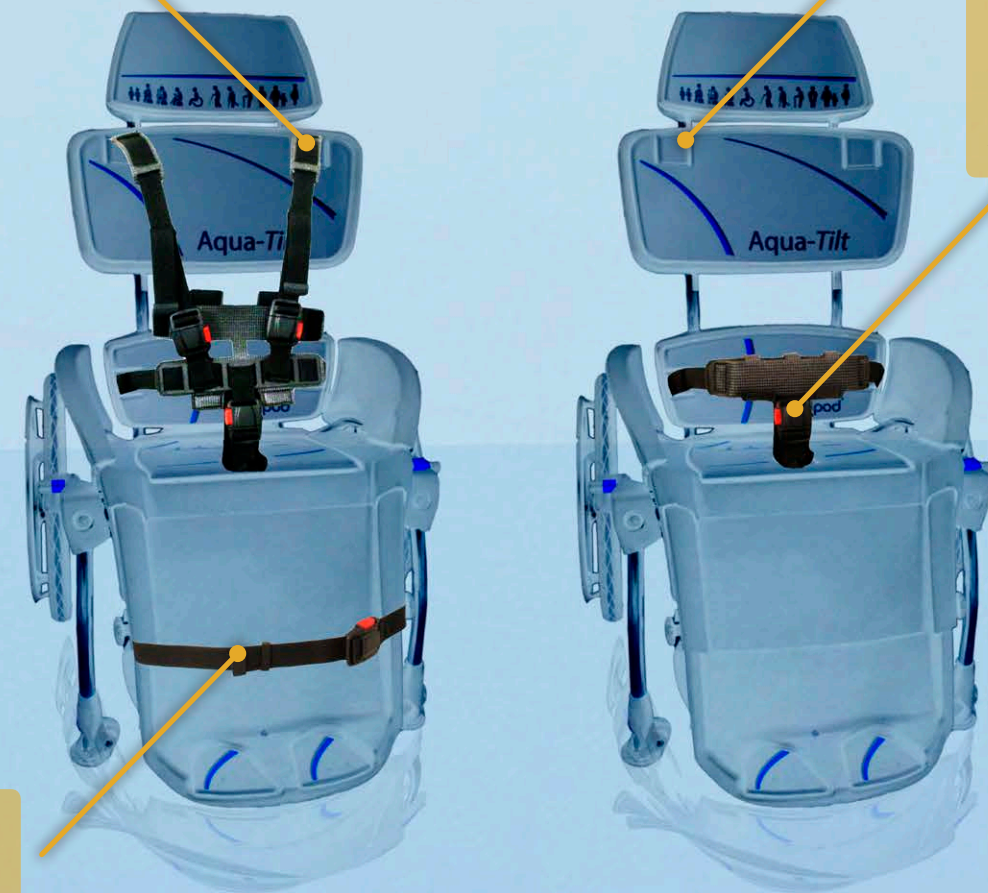
The harness provides secure restraint for people who need it. You can employ as much restraint as necessary for the user. The restraints have brightly coloured quick releases for use in case of an emergency, such as an unintended submersion.

Shoulder restraints prevent users with poor trunk control from tipping forwards.

Shoulder restraints are stowed within the back support.

Waist and crotch restraint. For users only requiring minimal support any restraints not required can be neatly tucked away within the seat.

Lower leg restraint. Stows neatly behind footrest.



\*Poolpod products always recommend a seating assessment by a medical professional.

## Return on **Investment**:



Some leisure facilities are **not welcoming to all users** due to inappropriate pool-side equipment.

**1.5%** of the UK population use a wheelchair and many others with mobility restrictions will opt to use one to enter the pool.

### Typical Return on **Investment** calculation:

**Aquatilt** has appeal across this excluded demographic and will attract new clients. It is easy to operate, fast and desirable.

The visitor-growth effect can be further increased as disabled people are often accompanied by family, assistants or carers.

Example calculation of return on investment:

Number of disabled users attracted = N (Typically 3)

Average number of friend or family coming with each user = F (Typically =1)

Average Spend of a user = £S (typically £4.50)

Days open per year = D (Typically 353 days)

Additional Annual income =  $(N + (N \times F)) \times S \times D$

**Typical Additional Annual Income =  $3 + (3 \times 1) \times £4.50 \times 363 = £14,701$**

Our evidence shows that most of the additional income goes to the bottom line since the cost to run a typical swimming pool does not increase significantly when the number of users increases.

## Technical benefits:

### Many **Environments**:

**Aquatilt** may be used in many environments - it is resistant swimming pools and salt water.



### Tough HDPE **seating**:

The **Aquatilt** is produced from tough HDPE plastic of 4-6mm thickness. This produces an exceedingly strong and tough finish that will cope with repeated use.

### Ultra **Clean**:

The **Aquatilt** wheelchair is designed to be easy to clean and wash down. The smooth continuous surfaces are free from dirt traps making **Aquatilt** suitable for many medical environments.

### Replaceable **Pads**:

The seating pads are secured by Velcro and are easily replaceable. Two sets of pads are supplied with each **Aquatilt** wheelchair so that one set can be in the wash. Facilities wanting further to guarantee cleanliness can use additional pads so that a fresh set may be applied for each user.

### Ceramic **Bearings**:

**Aquatilt** uses the latest ceramic bearings which are totally corrosion proof and have the least rolling resistance. This spells an end to bearing failures in harsh pool and shower environments.

### No flat **tyres**:

The **Aquatilt** main wheels are strong injection moulded Nylon. Equipped with leading brand tyres bespoke plastic push rail design and solid EVA tyre inserts. **Aquatilt** tyres are tested across a variety of swimming pool environments to ensure resistance to chemicals while maintaining the performance of the tyres.

### Lead screw **Actuation**:

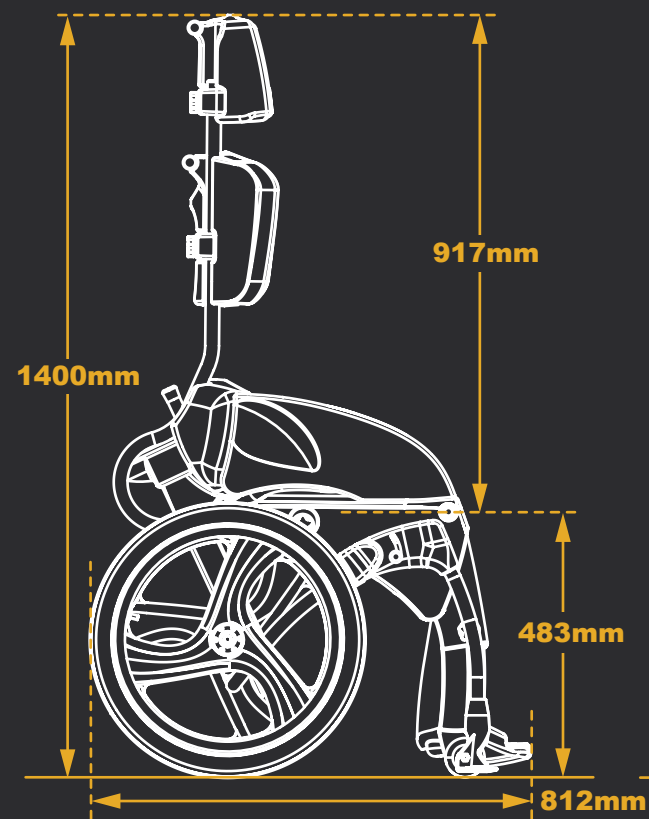
Lead screw actuation means that tilting operations are easy even with a heavy occupant. The lead screw has a back locking function so that the tilt angle locks when not being altered.

### **Stainless Steel Chassis**

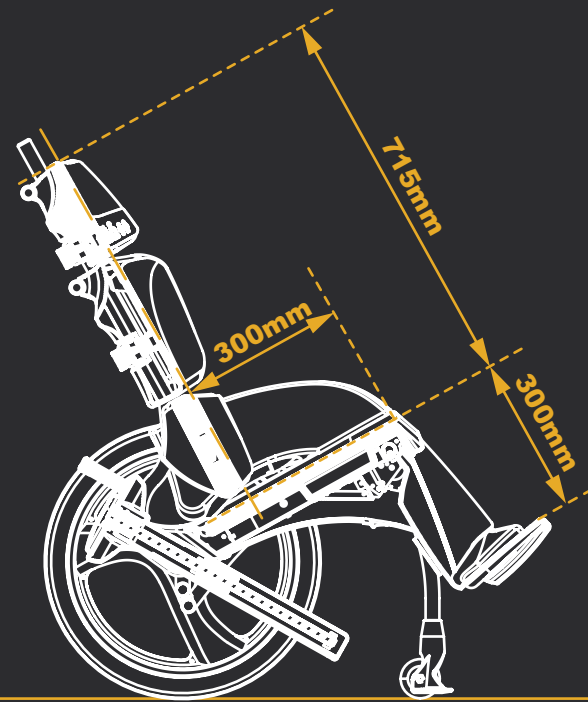
The **Aquatilt** features a 316L stainless steel chassis for long term strength and robustness. The welded frame ensures the wheelchairs stiffness and strength in the most demanding applications.

# Aqua<sup>tilt</sup> Dimensions:

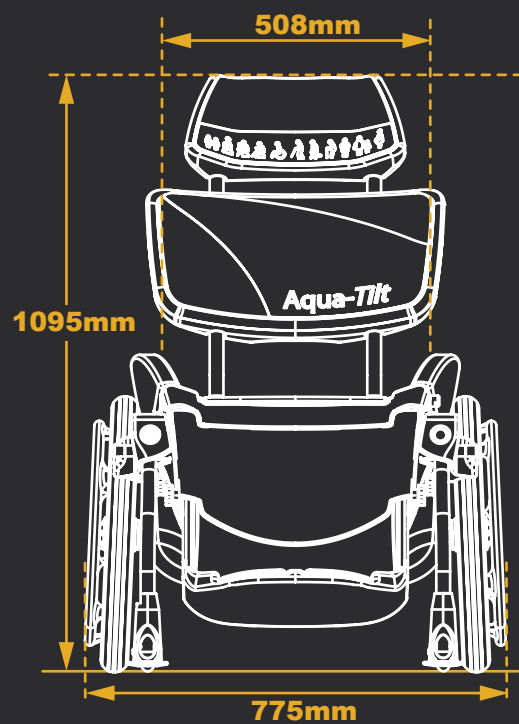
Upright:



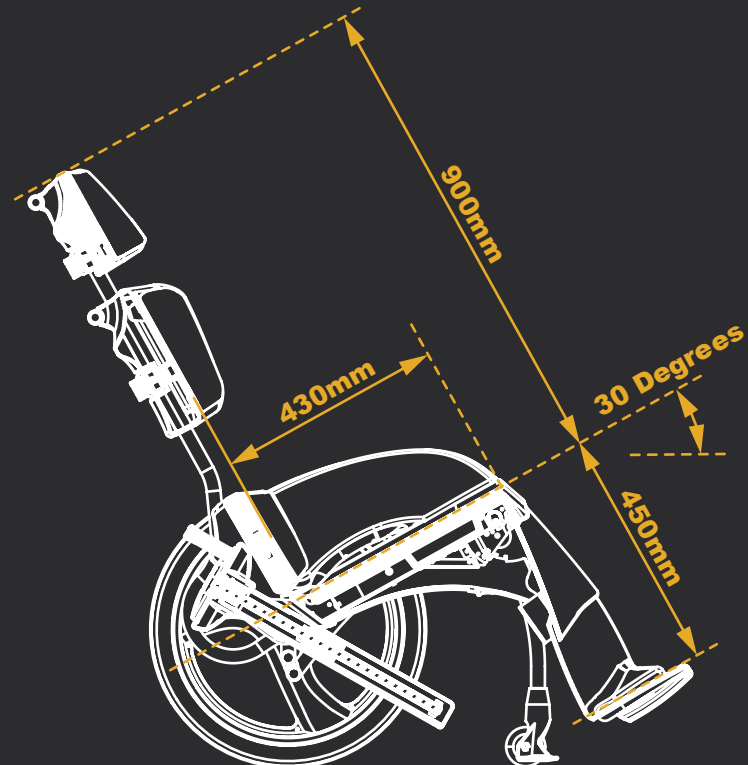
Tilted at smallest setting:



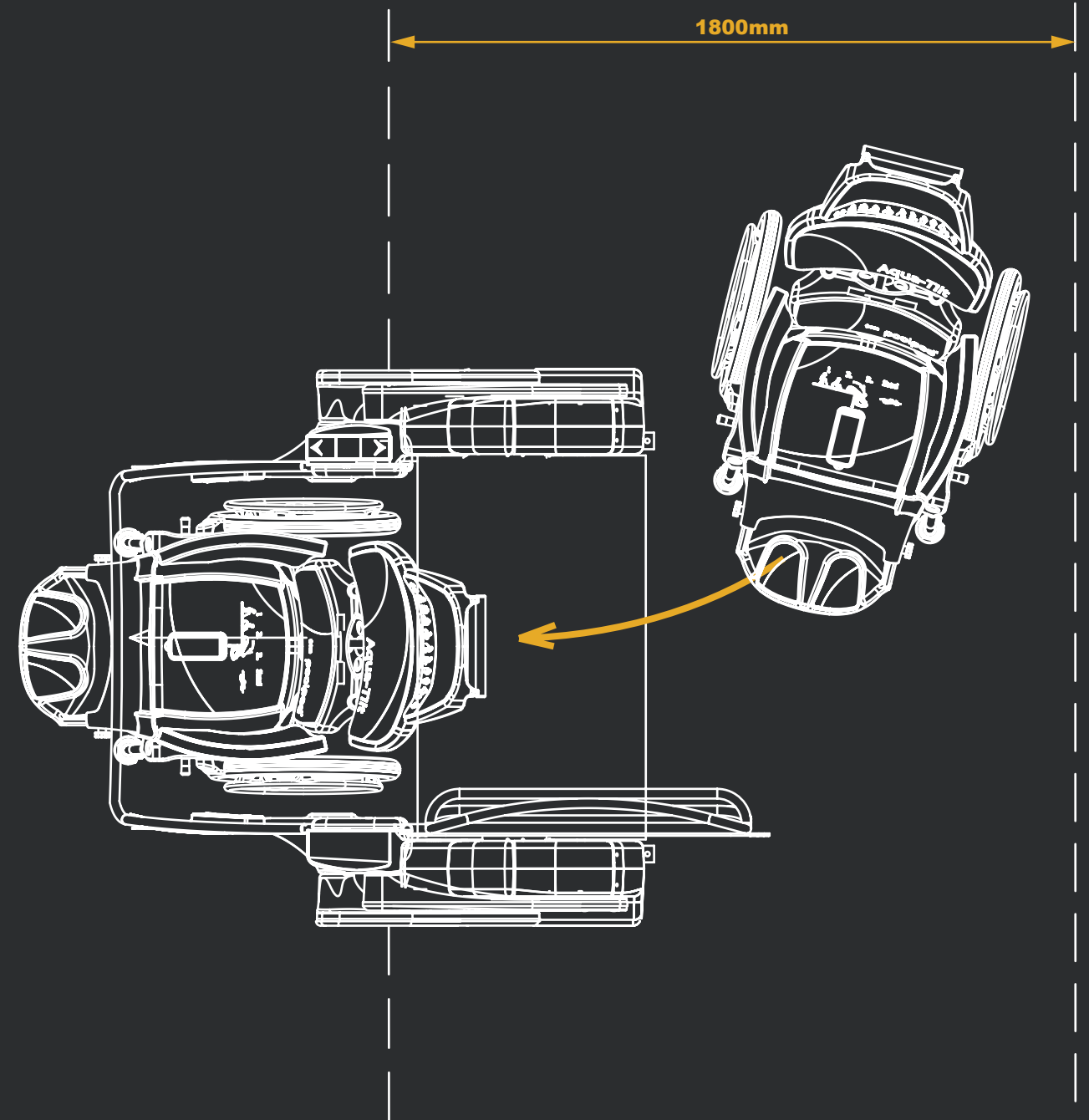
Front elevation:



Tilted at largest setting:



Manoeuvring onto the Poolpod a platform lift:





# Poolside mobility range:

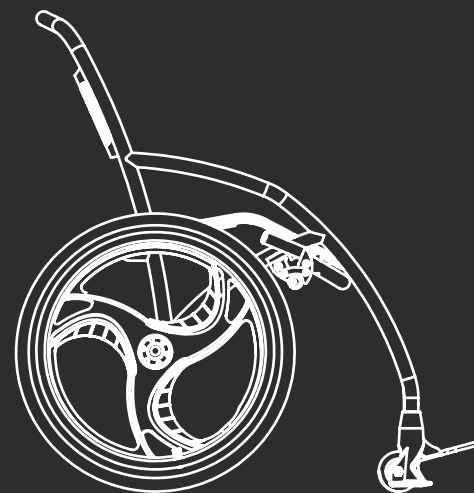
Pool and shower mobility optimised for all users.  
Choose the product that suits you here.

## Aquaactive:

The **Aquaactive** is a lightweight wheelchair with a fixed frame ideal for pool and wet leisure activities. The **Aquaactive** may be self propelled using the 20 inch rear wheels and push rails or pushed by an assistant.

The framework is a fully welded 316 stainless steel construction. Chest and lap straps are provided for those that need them. The foot rests swing to the sides to allow users to more easily reach a standing position.

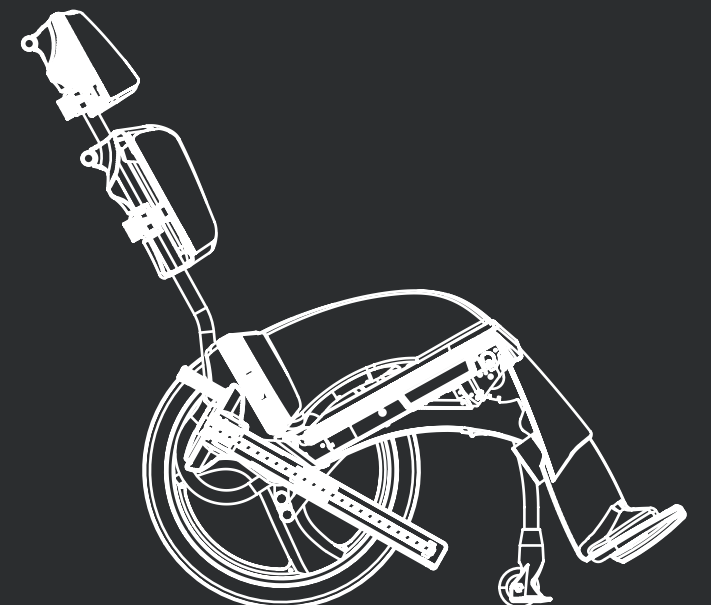
Pivot brakes as easily applied at each side and the wheelchair features the **AquaLock** design which provides increased safety when using the wheelchair with our pool lift system.



## Aquatilt:

The **Aquatilt** is a supportive wheelchair that caters for a wide range of users including people with a higher level of dependency, children, smaller and larger people. **Aquatilt** is particularly suitable in a wet leisure environment.

Flip up hand rests and a clear seat design make parallel transfers easier. The wheelchair is moulded from tough plastics with a stainless steel internal chassis for long term strength. The **AquaLock** design also provides increased safety when using the wheelchair with our pool lift system.



## Aquabed:

Available 2019

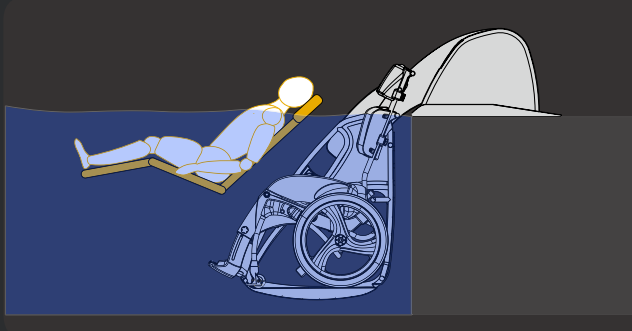
Poolpod® **Aquabed** provides an alternative means to transfer between the changing area and a swimming pool via the Poolpod Platform Lift.

The design accommodates a wide range of users and has articulation at the hip joint and the knee joint. The back rest can be raised to 45 degrees for user comfort and to allow the user to see their approach to the pool preventing the experience becoming disorientating.

Research shows that a major barrier to pool use is the physical and emotional discomfort experienced by many users when entering the water with traditional pool access systems. The **Aqua-bed** removes the need for any transfer at the poolside and when used with the Poolpod platform lift allows another person to accompany a user into the water aiding the user's confidence and allowing provision of additional support if needed.

## Accessories:

### AquaFloat: Release Date June 2018

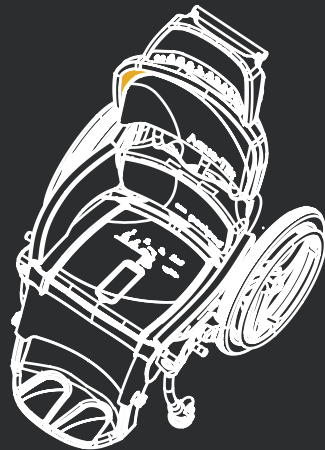


Transferring to the water is easier with an **AquaFloat** flotation mat. The AquaFloat is in position on the wheelchair, as you enter the water the AquaFloat gently lifts you out of the chair. Please always make sure that you are adequately assisted.

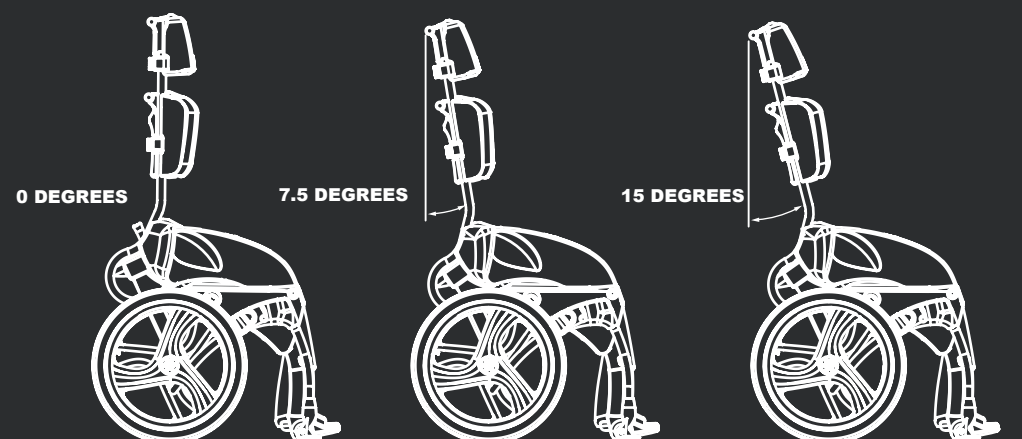
### Contoured seat pads: Release Date April 2018

The contoured inserts are retained by Velcro in between the seat pad and the seat back to change the shape of the seat. This allows the seat shape to be changed in order to provide more support. The original seat pad still provides the final wipe clean quick drying outer surface while the inserts or wedges change the shape beneath.

The system will allow the shape of the seat to be rapidly customised to a suit the needs of a particular user. Contoured inserts will be available for the head support, back support and the seat of the wheelchair.



### Fixed recline back bars: Available now - specify recline angle with your order.



Choose a recline angle that suits you. The recline is fixed at the specified angle so you will have to decide what suits you or your client group. We recommend recline not exceeding 10 degrees for chairs in general use.

## Colour Options and updates:

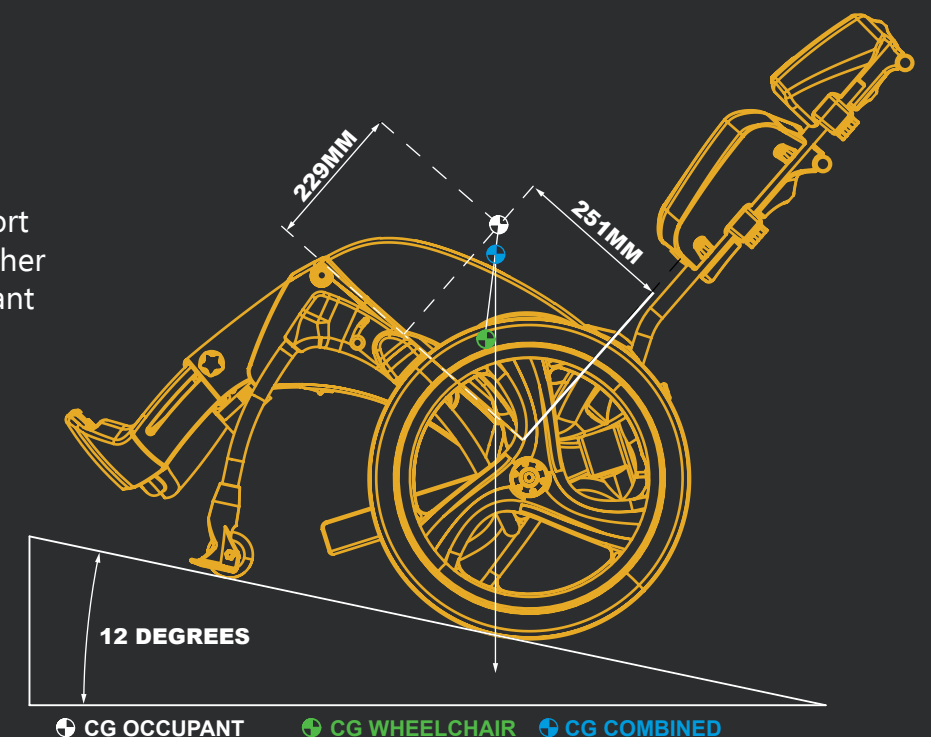


Check our website for updates, options and variations available for this product. If you would like customised graphics please contact us (minimum orders apply)

### Stability tests to ISO 7176:

Wheelchair stability is tested using test dummies according to the requirements of ISO 7176 \*.

The backward minimum tipping angle is determined to be 12 degrees when the wheelchair is tilted and the maximum degree of adjustment of the back support features has been applied. Further details are available in the relevant product manual.



\*To ensure that you operate the product safely and take account of the factors in your operating environment that could effect stability such as slippery conditions or the movement of water.

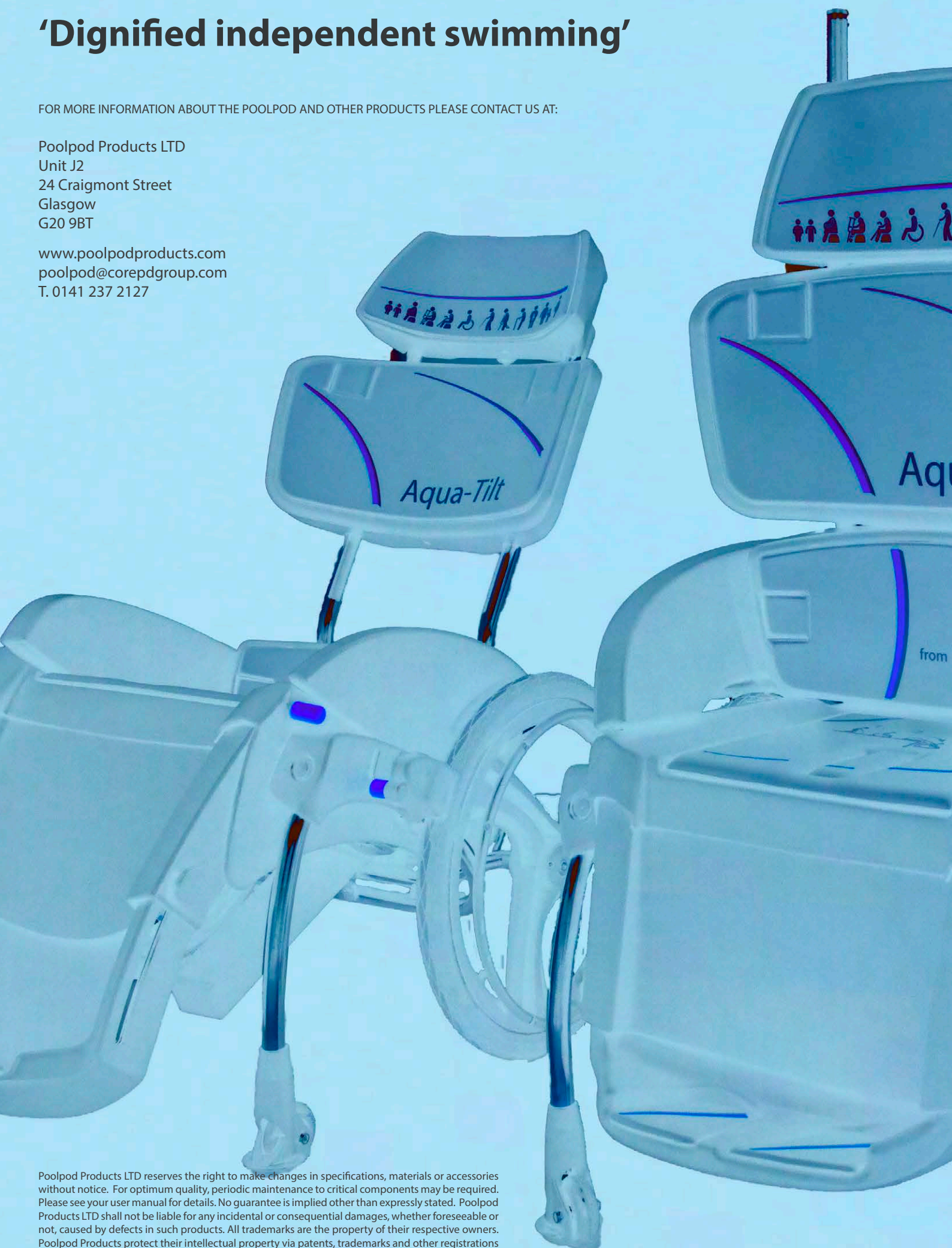


# 'Dignified independent swimming'

FOR MORE INFORMATION ABOUT THE POOLPOD AND OTHER PRODUCTS PLEASE CONTACT US AT:

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