

Cotenda poolpod 3.0[®]



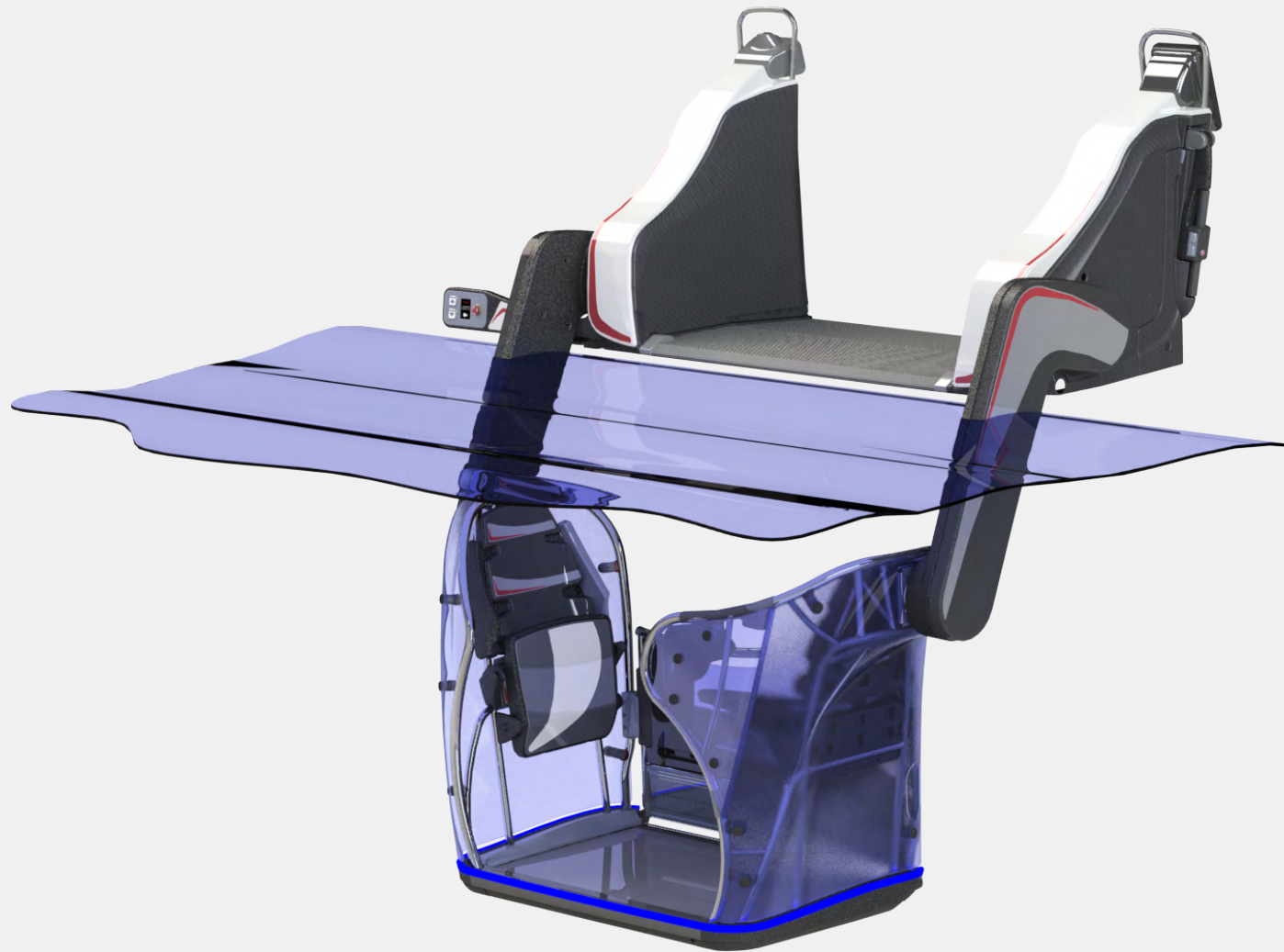
Product Specifications

Poolpod 3.0[®] is our new flagship product with new features to benefit the user experience, new safety features, improved reliability and easier installation. The new design can transport a user up to 1.4m down into the swimming pool, meaning that the system is compatible with “skimmer” or “freeboard” pool designs in which the pool water level is typically 10–30cm below the level of the pool surround.

Poolpod 3.0 features electronic transport wheels permanently mounted within the chassis of the system meaning that the poolpod can be moved to a new pool location at a moments notice.

For users there are easier to use updated controls, more grab handles, fold down seats and the ability to ride into the water together with a Caregiver. Large interface screens assist user operation and audio output assists those with visual impairments.

The product also has an updated striking visual aesthetic.



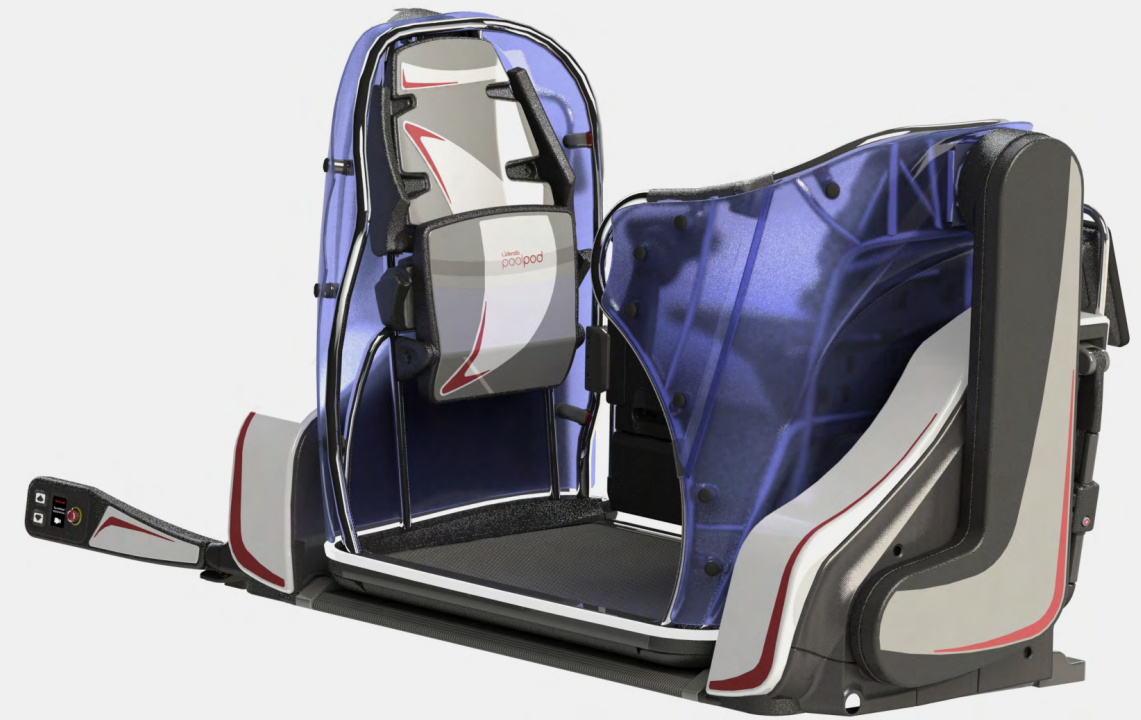
“We studied every element of the design, looked at how people used it and devised ways to make it even better.”

Josh Reid
Founder of Poolpod Products



Poolpod[®] provides dignified, independent access to swimming pools. It is designed for any swimmer who finds using a pool ladder inappropriate and is set to revolutionise the swimming experience for wheelchair users and people with reduced mobility.

Developed for the Olympic Delivery Authority and with financial support from the London Marathon Trust, Poolpod offers an independent swimming experience in a package that also provides functionality, reliability and value for money.



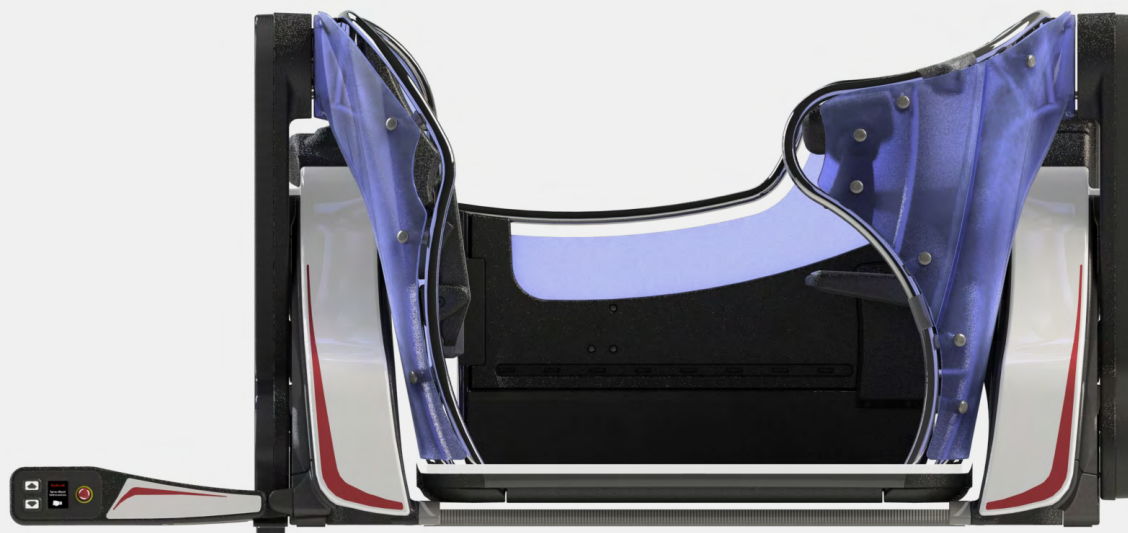
Poolpod champions cutting edge, inclusive, human-centred design and ensures that services are appropriate for increasingly older populations.

Poolpod is powered by a safe, rechargeable battery, allowing approximately 40 cycles per charge. An additional battery may be added to provide even more run time. This, coupled with a robust mechanical design, ensures access to the pool is fast and reliable.

Ascent, descent and depth are user defined using a tactile button controls or with RFID proximity wristbands.

Swimmers can choose to use the Poolpod with the custom designed submersible wheelchair or alternatively can remain standing while they descend to a comfortable water depth, or sit on one of the fold down seats.

Ergonomic controls are positioned for each user scenario.



The alternative to the Poolpod are pool hoists. Research into hoists shows:

Hoist users find poolside transfers undignified and dangerous. Swimmers are deterred and seek alternative activities. Hoists lack the broad appeal and intuitive usability and familiarity of a platform lift.

Dignified and independent

User operated; no need for assistance. Over-pool to In-water in ~20 seconds. Descent, ascent and depth controls are user defined using control buttons or an RFID wristband.

Enticing appearance and modern aesthetic.

The only choice for inclusive swimming pools.

With this award winning inclusive design, swimming pools can attract swimmers with mobility impairments, their families and friends.

Poolpod enables service providers to fulfil their obligations under discrimination legislation.

Poolpod lowers staffing requirements compared to conventional pool hoist solutions which require an assistant operator.

Poolpod can increase revenues as research indicates that disabled swimmers take their business to more disability 'confident' facilities.

Safety features:

Collision sensor on the underside of the platform

Collision sensor on the automatic door

Anchor presence sensor

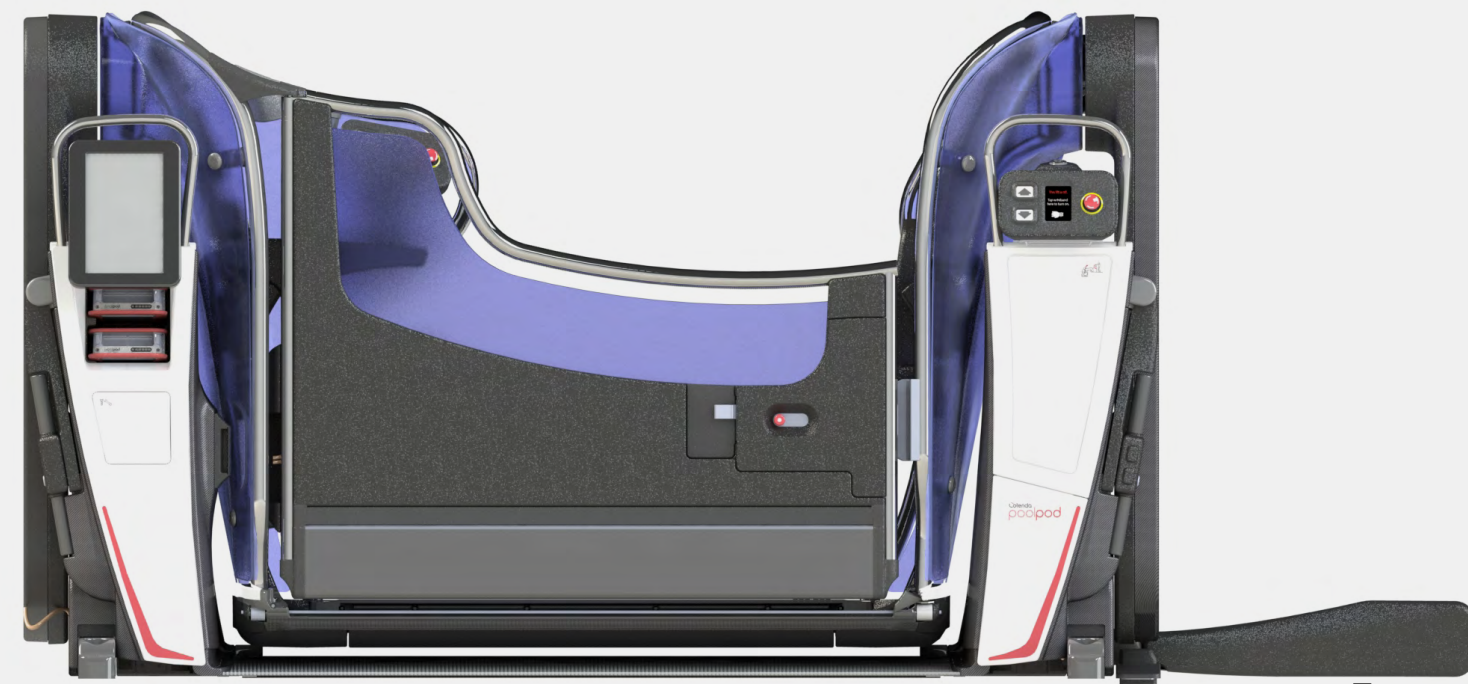
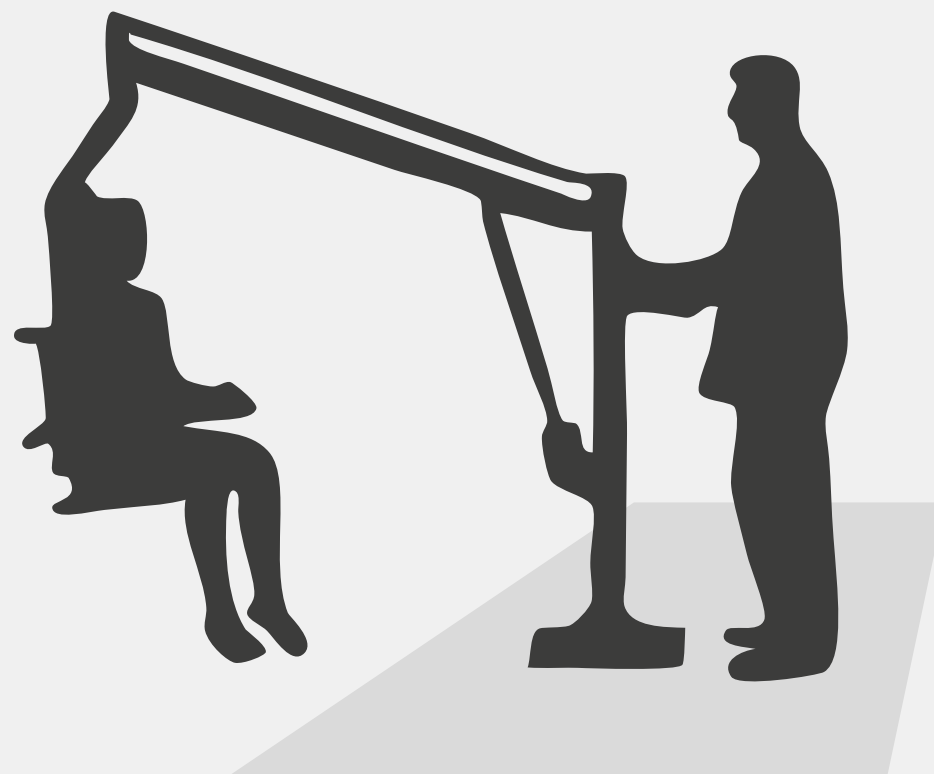
Overload sensor

Arm mismatch sensor

Emergency stop monitoring circuit (featuring 3x emergency stops)

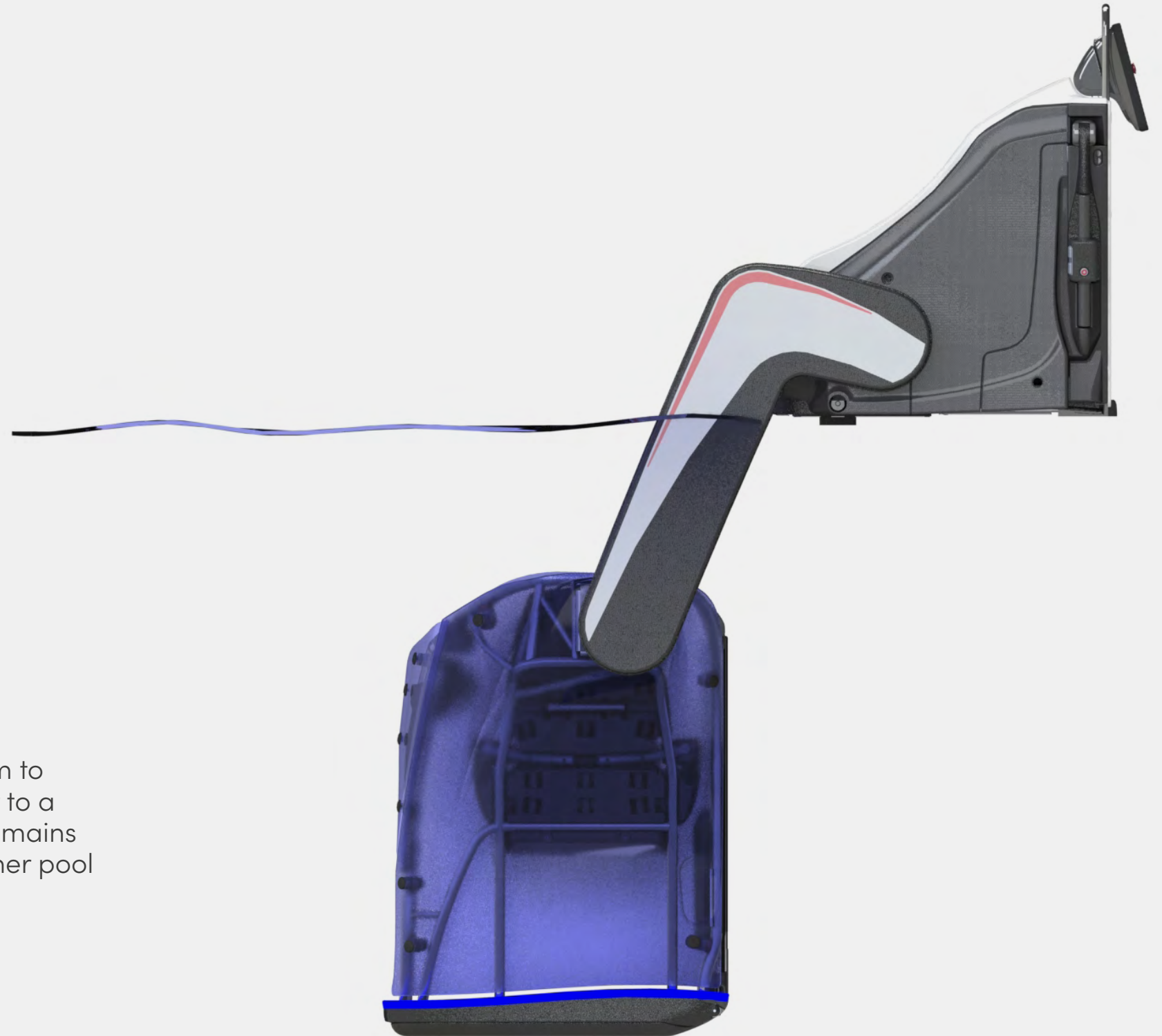
Fast and efficient manual or battery drill operation.

No loose accessory parts - everything is stored on the machine.



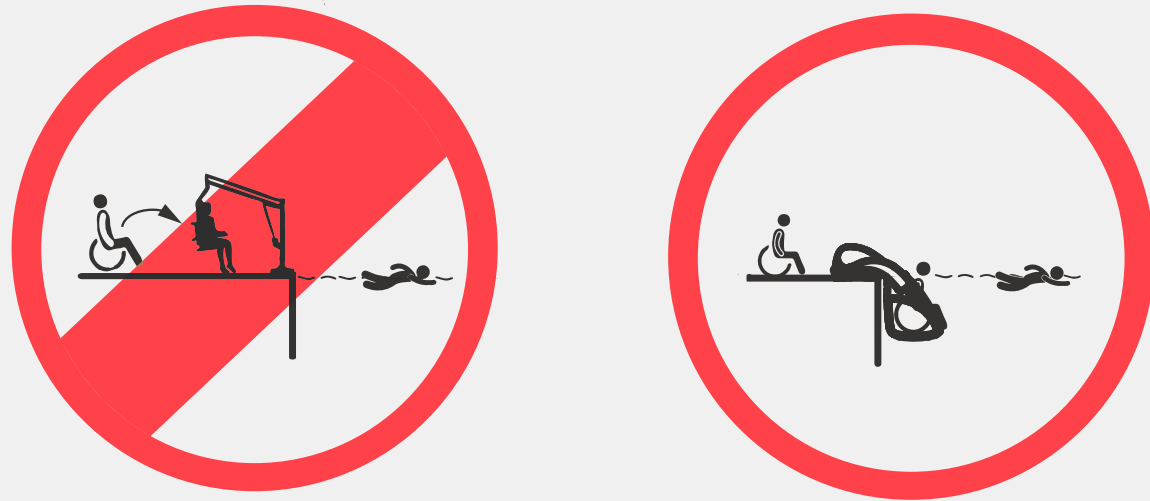
Hands-free operation

Poolpod use may be facilitated by RFID proximity wristbands. Users may activate the machine by placing their wristband next to the control screen and may then control the descent/ascent via pressing the illuminated arrows. The use of the secure proximity wristbands allows multiple users monitoring and safe use of Poolpod.



Poolpod Platform Lift

The unique single pivot arm design of the Poolpod allows the platform to deploy in a single motion. It takes approximately 20 seconds to lower to a 1.4m depth. The lift remains level during its deployment phase and remains clear of the pool when stowed. Touch sensors ensure the safety of other pool users.



Ease of Installation

Installing a Poolpod necessitates two anchors for the Poolpod. Anchor installation requires drilling 45mm diameter holes 200mm deep into the poolside which are fixed securely in place using chemical resin.

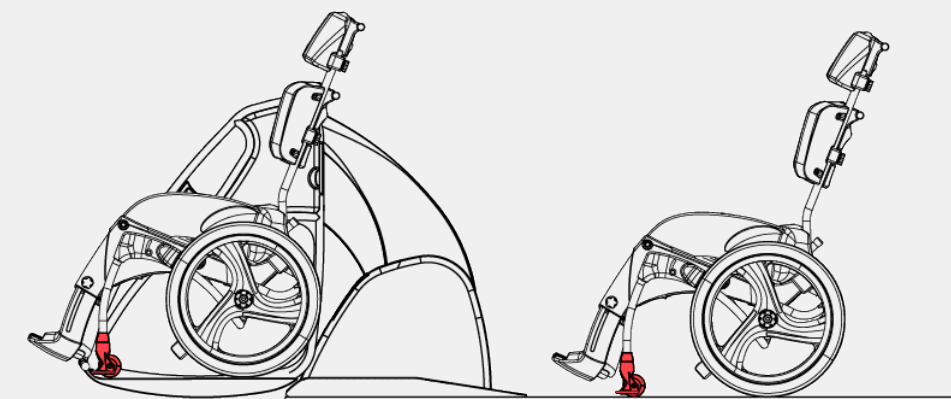
M16 Stainless Steel Bolts are used to fix the Poolpod to the anchors.

Poolpod can be easily removed from the poolside and stowed remotely for events by pool staff.

Submersible Wheelchair

Built to the same exacting standards of the Poolpod lift, the submersible wheelchair allows a user to transfer from their own wheelchair to the submersible wheelchair in the privacy of the changing room.

Wheelchairs securely lock into the platform by way of Poolpods's clever castor fork design accompanied by automatic closing of the platform's door.



Dignified, independent swimming with functionality, value for money and reliability.

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

Poolpod Products LTD
Unit J2
24 Craigmont Street
Glasgow
G20 9BT

www.poolpodproducts.com
poolpod@corepdgroup.com
T. 0141 237 2127

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