

VARIO MEDIC

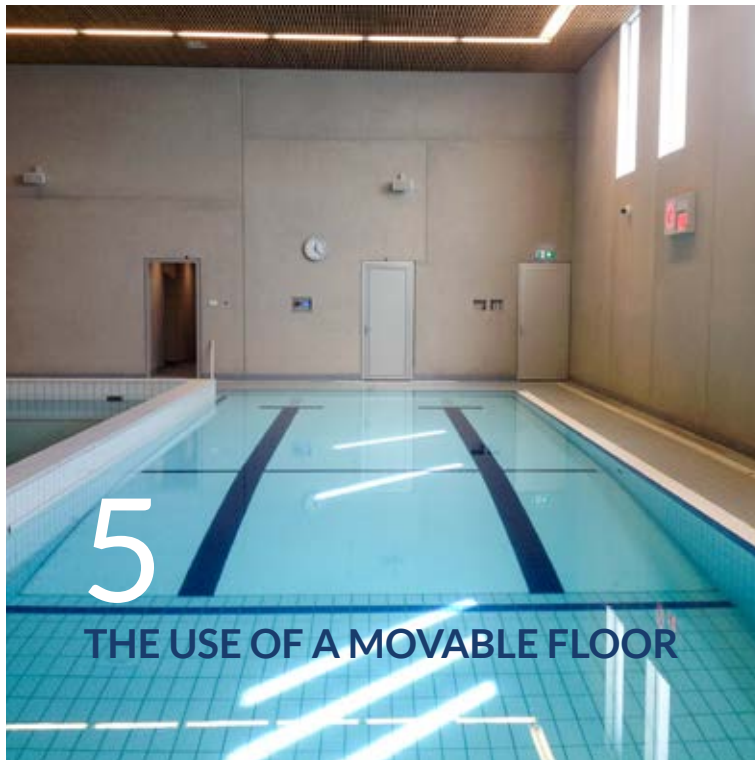
AQUATIC THERAPY EQUIPMENT

VARIOMEDIC IS PART OF THE VARIOPOOL GROUP



VARIOMEDIC IS A SPECIALIST IN MOVABLE SWIMMING POOL FLOORS AND EQUIPMENT FOR THE THERAPY MARKET

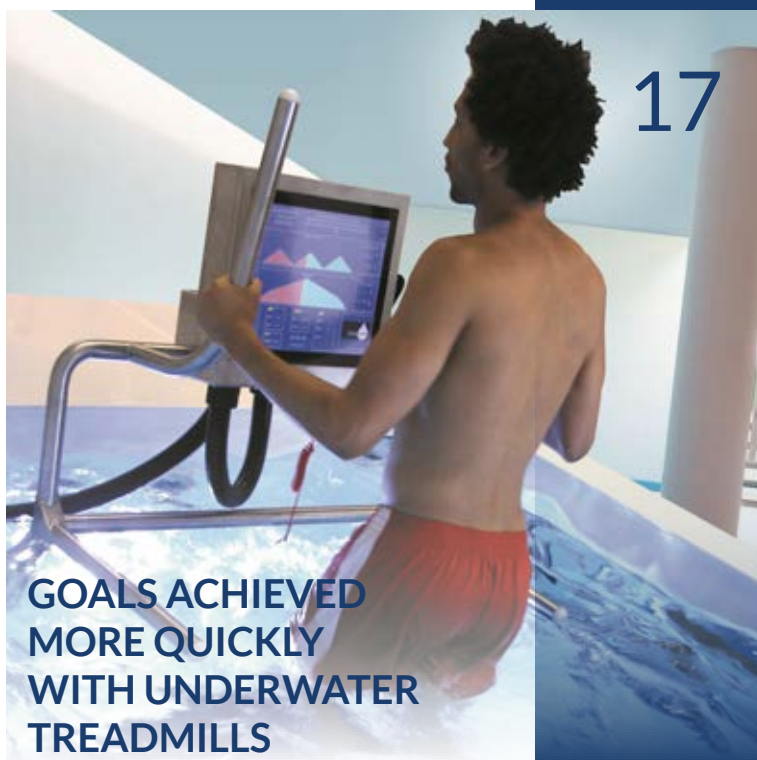
CONTENTS





11

**IN HEIGHT ADJUSTABLE
DISABLED PLATFORMS**



17

**GOALS ACHIEVED
MORE QUICKLY
WITH UNDERWATER
TREADMILLS**



7

**IN-HOUSE PRODUCTION
OF STAINLESS STEEL
CONSTRUCTIONS**

CONTENTS

4

OPTIONS FOR THERAPY POOLS

Variomedic products provide additional options for therapy pools.

5

WHY AN ADJUSTABLE FLOOR?

An adjustable floor speeds up the rehabilitation process.

7

VARIOUS VARIOMEDIC STEP SYSTEMS

A step in the right direction with Variomedic steps.

9

POOLPOD

Quick and comfortable access to the swimming pool with Poolpod.

VARIO MEDIC
AQUATIC THERAPY EQUIPMENT

VARIOMEDIC IS PART OF THE
VARIOPOOL GROEP

11

DISABLED PLATFORMS

Access to the swimming pool via a height-adjustable platform.

13

UNASSISTED ACCESS TO THE SWIMMING POOL WITH A RAMP

The ramp facilitates unassisted access to the swimming pool.

15

VARIOMEDIC PROJECTS

Overview of a number of Variomedic installation projects.

16

IN CLOSE-UP: AQUA THERAPIE

That's the reason why water is good for rehabilitation.

17

GOALS ACHIEVED MORE QUICKLY WITH UNDERWATER TREADMILL

Personalised settings assist in achieving goals more quickly.

VARIOMEDIC THERAPY POOL IN PRACTICE

*The
benefits of
hydrotherapy are
widely endorsed by
the medical establishment.
Variomedic specialises in this
type of therapy and rehabilitation.*

*Having delivered various therapy
projects, we have found that an adjustable
swimming pool floor is essential for achieving
maximum results. Various target groups can get the
most from hydrotherapy with a combination of Variomedic
products.*

ADDITIONAL OPTIONS FOR THERAPY POOLS

The Variopool Group has observed an increased demand for products that aid hydrotherapy. When we exhibit at trade fairs across the world, we see a great deal of interest in our therapy projects. Variomedic products enable optimisation of swimming pool functionalities, which speeds up the rehabilitation process. Obviously, this requires proper use of the installations in consultation with a hydrotherapist.

Variomedic's adjustable swimming pool floors, which are widely used in hydrotherapy, can be equipped with various extras and accessories. For example, adjustable and integrated steps, or an adjustable platform or ramp, which allows the user independent access to the swimming pool. Options include the installation of an underwater treadmill.



CUSTOMIZED TO THE LAST DETAIL

For users of the Variomedic products it is really important they can use them safe and easy. This can be done, for example, with a movable swimming pool floor or an integrated stairs. A combination of the products of Variomedic is also a possibility as you can see on the picture.



THE USE OF MOVABLE THERAPY FLOORS

The installations of Variomedic are really user friendly. The movable floor is fully functioning automatically, so there is no need of manpower from the pool staff.

The water depth can be changed in a little moment in the depth which is necessary for the activity that will take place.



A movable pool floor is a beautiful product in order to the user to accelerate the rehabilitation process and book maximum results.



The movable swimming pool floors can be set at different levels to suit the needs of individual users. Responding to the user's individual programme speeds up the rehabilitation process. An movable swimming pool floor is an excellent product for speeding up the rehabilitation process and achieving maximum

results. Variomedic can supply the floors in virtually any format, for use in any format of swimming pool. The floor design is based on a floating concept.

The system is constructed of stainless steel and/or plastic components and can be adjusted to the desired depth with the use of cables.

Variomedic's movable swimming pool floors can withstand heavy loads and can thus be used safely and without any concerns.

The movable swimming pool floors comply with the highest quality standards, including hygiene criteria. Grids on the surface of the water ensure the circulation of



A MOVABLE SWIMMING POOL FLOOR OFFERS A LOT OF BENEFITS. ONE OF THE BENEFITS IS SAVING ENERGY

water is not interrupted. The movable floor's motor is situated outside the pool, so there is no risk of contaminating the water with hydraulic oil. In addition, there are manholes in the floor, to enable divers to carry out maintenance of the elements with ease.

Various care facilities across the world have already installed movable swimming pool floors, which are used daily. Variomedic installations are very user friendly. The movable floors are completely automatic, so no physical exertion is required from swimming pool staff members. The water level can be changed quickly and safely to the depth desired for the activity in question. The control panel is lockable so that only staff members have access to it.

ADJUST DEPTH AS DESIRED

An movable floor in a therapy pool offers many benefits. It enables a tailored response to the specific needs of various target groups wishing to use the swimming pool. It is useful to be able to alter the depth of the swimming pool according to age bracket. After all, people's height varies according to age. Thus, everyone can use the pool at their own pace.

SAVE ENERGY WITH AN ADJUSTABLE FLOOR

Another benefit of an movable floor is that it saves energy. After closing time, the floor can be raised up completely, so that it functions as a thermal covering system. Thus, the swimming pool retains warmth, which saves on heating and energy costs.



In a way to reach easily the pool in and out, you probably think right on a pool stairs. There are various types of pool stairs which each have their own advantages and possibilities. Variomedic offers various steps, such as a standard stainless steel stairs, an integrated stairs and lazy stairs. For all types of swimming pools there is a solution

A STEP IN THE RIGHT DIRECTION WITH OUR STAIRS



Variomedic has developed various step systems for getting into and out of the pool easily. We offer a suitable solution for every purpose and for all types and sizes of swimming pools. Options include stainless steel disabled access steps. The stainless steel steps are hinged, which makes them exceptionally suited for use in combination with an adjustable swimming pool floor. The construction of the system is such that it can be adjusted to a step-free setting, thus it can be used at all water depths.

When the adjustable floor is set at the highest position, the adjustable stainless steel steps can simply be taken

out of the pool if desired. The steps are anchored to the poolside in two places with standard joists and can thus be removed manually. When one thinks of easy access to swimming pools, one probably immediately thinks of swimming pool steps. There are different types of swimming pool steps, which each offer their own advantages and options. Variomedic supplies various kinds of steps, such as standard stainless steel steps, steps that are integrated with the adjustable floor, and disabled access steps. We have a customised solution for all target groups and all types of swimming pools!

The swimming pool steps can be fully integrated into the construction of Variomedic's adjustable floors. When the adjustable floor is lowered, the individual

VARIOMEDIC PRODUCES CUSTOMISED INTEGRATED STEP SYSTEMS. AFTER ALL, EACH PROJECT OR SWIMMING POOL IS DIFFERENT



steps rest on mounted bosses on the retaining wall. This means the steps can be used safely at all times, regardless of the level of the adjustable floor. The steps offer users an easy and comfortable way of accessing the swimming pool and this ensures everyone can enter the pool unassisted, or under the supervision of a hydrotherapist if required.

CUSTOMISED SWIMMING POOL STEPS

Variomedic customises the integrated swimming pool steps for every project. After all, every swimming pool and project is different and requires its own bespoke components. We ensure

the dimensions of the steps are always correct and that they fit the surroundings. The individual steps are made of plastic, covered with an anti-slip layer to reduce the risk of slipping. We supply the steps in the colour RAL 9010 as standard. The edge of each step has a contrasting warning line, making the steps highly visible and preventing injury to users.

Variomedic steps can always be used safely and without problems.

IN-HOUSE PRODUCTION OF STAINLESS STEEL CONSTRUCTIONS

Variomedic manages the production of stainless steel constructions for



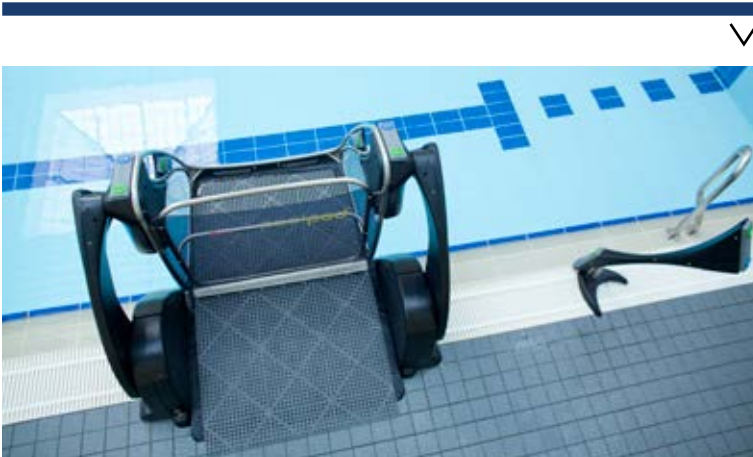
The stainless steel handrails are fabricated in house by Variomedic. Everything is custom made of the highest quality..



handrails and railings, etc. in-house. This means we can offer the option of fitting the steps with two high-gloss stainless steel handrails during installation. Since Variomedic manages the various production aspects itself, we are able to offer a full package and you only deal with one supplier. Thus, the installation can be completed in a single session.



EASY ACCESS TO THE SWIMMING POOL WITH THE POOLPOD



Like the disabled access platform, the Poolpod provides disabled users with easy access to the swimming pool. The Poolpod is specially designed to give wheelchair users easy access to the swimming pool. Naturally, the Poolpod can be installed in a swimming pool that is to be newly built, but the product can also be installed in existing pools without problems. The installation is mounted on the edge of the swimming pool, so there is no need to drain the pool for installation. This saves on both water and heating costs.

The Poolpod was specially designed for the London Aquatic Centre, which was used in the 2012 Olympic Games. The Poolpod was used in the Paralympic Games. After its success in London, the system came into its own and was discovered by the medical establishment. A wonderful addition to Variomedic's range of accessories for the therapy sector.

The Poolpod is highly recommended by professionals and end users and is thus rapidly becoming one of the most sought after choices for newbuild facilities and complexes.

The system offers a compact and affordable alternative to a movable platform, a ramp, or integrated steps. Like Variomedic's other products, the Poolpod enables flexible access to the swimming pool.

IN CLOSE-UP: DE POOLPOD



UNIQUE DESIGN

The Poolpod was designed by experts familiar with the materials supplied to the Olympic Games. The design phase was facilitated with financial support from the London Marathon Trust.

POWERING THE POOLPOD

The Poolpod is powered by a small, lightweight battery. Coupled with its robust mechanical design, this ensures the user can get into the pool quickly and safely. The Poolpod's unique pivot arm design makes it possible to deploy the platform with a single motion. It takes approximately 20 seconds to lower the Poolpod to a depth of 0.9 metres.

The platform remains level with the poolside while in use. In addition, the system is equipped with touch sensors. These guarantee the safety of other users in the swimming pool. Thanks to the sensors, the Poolpod stops moving as soon as someone swims close to it.

OPERATING THE POOLPOD

The Poolpod is operated in a special way, namely via a wristband. Raising and lowering of the Poolpod, as well as the depth settings, are controlled simply by holding the RFID wristband against the illuminated arrows on the console next to the platform. The finished product is supplied with a remote control and a wall-mounted charger.

The Poolpod can easily be removed during events when the space is required for other purposes.

The Poolpod is operated via a special wristband worn by the user so the user can get in or out of the swimming pool on their own.



COMFORTABLE, UNASSISTED ACCESS TO THE SWIMMING POOL WITH THE DISABLED PLATFORM

The disabled platform is an ideal and comfortable aid that provides disabled users with independent access to the swimming pool.

The step-free platform is adjusted to the desired level using an electrically powered servomotor. The platform can be operated by the user, enabling independent access to the swimming pool. Wheelchair users can also take an assistant with them on the platform. The platform has enough space for this.



FOR EXISTING AND NEWLY BUILT POOLS

Naturally, the movable platform can be installed in a pool to be newly built. The construction process takes into account the best position for the movable platform. It is best for the user if there is sufficient space around the movable platform, so that wheelchair users can easily manoeuvre onto the platform without having to make difficult turns.

The movable platform can be installed in a new swimming pool or complex in an integrated recess at the base of the pool.

In addition to installation in a new swimming pool complex, it is no problem whatsoever to install the platform in an existing pool. The platform can be positioned in any existing swimming pool where there is a depth of at least 1650 mm. The platform is finished with a detachable railings fitted with Plexiglass safety panels.

The platform has an anti-slip polypropylene upper deck in the colour RAL 9010. The movable platform is perforated to allow the necessary water drainage.



A disabled access platform can be controlled by the user, so the user can get in the swimming pool on their own.

BESIDE INSTALLING A DISABLED PLATFORM IN A NEW POOL COMPLEX IT IS NO PROBLEM FOR VARIOMEDIC TO INSTALL ONE IN AN EXISTING POOL



The disabled platform is the ideal aid for wheelchair users who find it difficult to get into the pool independently. Thanks to the disabled platform, they have independent access to the pool.

LOCKABLE CONTROL PANEL

The disabled platform is simple to operate, thus easy for the swimming pool staff or supervising therapist to use.

The platform is operated by means of a lockable, control panel that can be mounted on a wall near the swimming pool.

For safety reasons, the movable platform's control panel is lockable to prevent unauthorised access.



The Stainless Steel handrails are fabricated in house by Variomedic. We only work with the best possible materials to ensure the highest quality of our fine products.



A POOL RAMP OFFERS MANY OPTIONS

In addition to the Poolpod, the movable platform and the steps, we also offer the option of installing a ramp. Variomedic's movable swimming pool floor can also be fitted with a ramp.

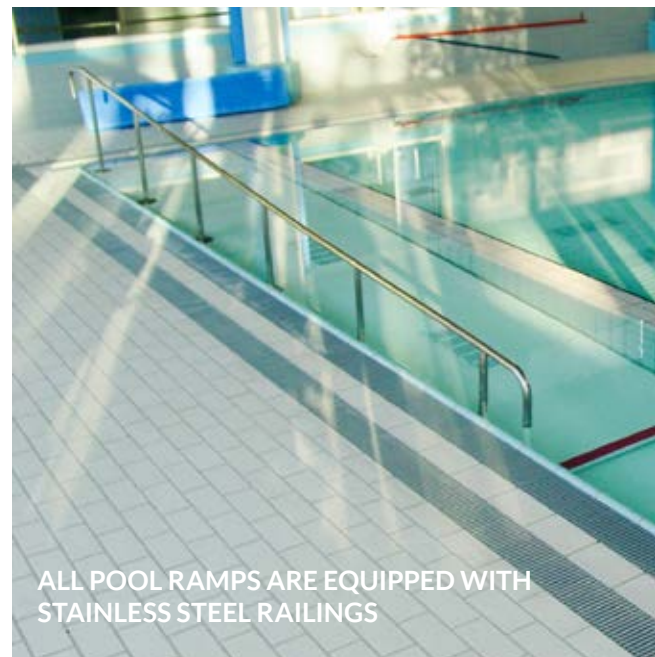
The ramp enables the user to get into the swimming pool easily. Wheelchair users are able to enter the pool independently.



VARIOMEDIC'S RAMP ENABLES YOU TO GET THE MOST FROM YOUR
THERAPY POOL!



SWIMMING POOL RAMPS IN ANY SIZE



ALL POOL RAMPS ARE EQUIPPED WITH
STAINLESS STEEL RAILINGS



The ramp is an ideal solution for therapy pools, since wheelchair users often receive hydrotherapy in therapy pools. The ramp enables them to enter the pool independently.

RAMP OFFERS MANY OPTIONS.

The ramp is an ideal solution for therapy pools, since wheelchair users often receive hydrotherapy in these. An adjustable floor in combination with a movable platform offers many additional options. Our hydrotherapist can help you make optimal use of the complex!

Variomedic can mount and integrate the ramp with the adjustable swimming pool floor in such a way that the ramp can be used safely in any depth of water. The ramp is also very useful for people who are not wheelchair bound as such, but who have mobility problems, or who want to take their time getting into the pool. It is easier to walk down a ramp with the support of stainless steel rails or railings (with assistance if required), than to use a steep step ladder. Thus, the ramp offers numerous benefits to various target groups.

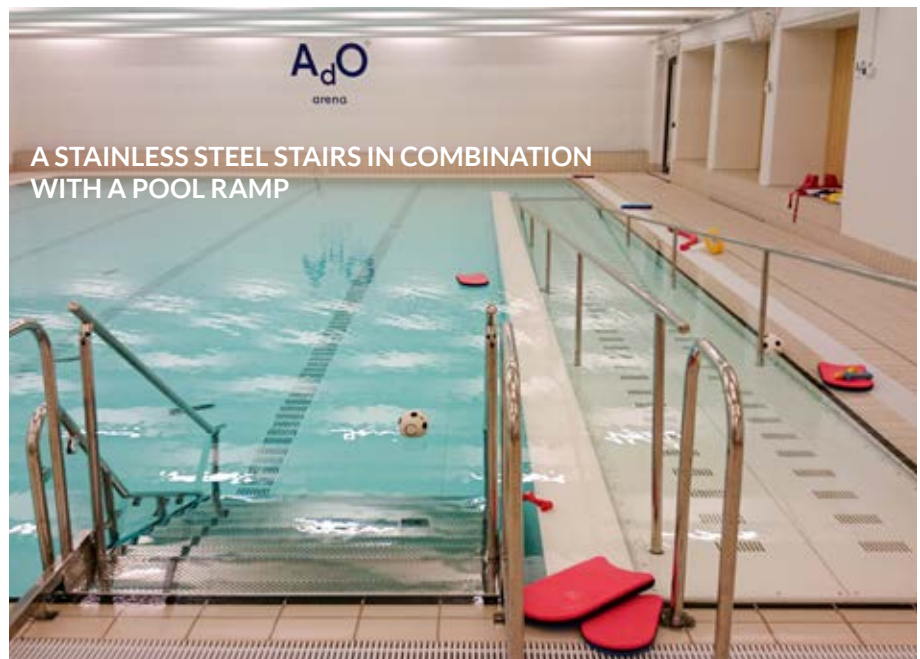
The ramp can withstand a maximum load of 200 kg. In terms of weight, it is therefore no problem for someone to accompany a wheelchair user or another user down the sloping ramp. There are perforated holes in the base of the ramp to allow water to flow through. This ensures the ramp pivots with the adjustable swimming pool floor. Thus, the floor can continue to be used without concerns.

IN ANY FORMAT

The ramp is available in any format desired. We will ensure the ramp is perfectly fit for purpose.

Ramps are often used for hydrotherapy in therapy pools.

We can fit both the disabled access steps and the ramp with stainless steel handrails and railings



The ramp can be supplied in any format desired.

THERAPY POOL PROJECTS

HERE YOU CAN FIND SOME OF OUR
COMPLETED PROJECTS. ON OUR WEBSITE
YOU CAN FIND MORE INFORMATION



CARE INSTITUTE REINAERDE, WOUDENBERG

We replaced an existing adjustable floor at the Reinaerde care facility in the Utrecht suburb of Woudenberg. The care facility has a therapy pool used by disabled people of all ages for a range of activities that promote motor function and facilitate movement in the water. The swimming pool is 6 metres by 4 metres in size.

The adjustable floor is the same size as the pool, so the whole floor can be set at the same height. The benefits of hydrotherapy are widely endorsed by the medical establishment. The installation of an adjustable swimming pool floor is essential for achieving the best results. Various hydrotherapy target groups can make optimal use of the therapy pool at the Reinaerde Care facility!



PARABOOL THERAPY POOL DEVENTER

We supplied and installed an adjustable floor in the therapy pool at the Parabool centre. The floor is 4.65 metres by 4.09 metres in size. The pool in Deventer is used primarily for therapeutic purposes, but is also ideal for senior citizens or those with an impairment/ physical disability. Hydrotherapy can have a very beneficial effect on muscle or joint pain.

There is also the option to select a higher, more comfortable temperature in the therapy pool, which in turn is beneficial for muscles and joints. Lessons can be given under the supervision of a hydrotherapist.

The indoor swimming pool has a pool cover; these are very important for indoor pools, otherwise a great deal of warmth, thus energy, is lost.



MYTYSCHOOL 'DE REGENBOOG', TILBURG

De Regenboog in Tilburg is a special school for children with physical or mental impairments. This school provides an ideal combination of education, medical treatment, sports and care.

Variomedic installed an adjustable swimming pool floor in the school's pool. Since one is virtually weightless in water, children with (physical) disabilities enjoy swimming or doing exercises in the swimming pool. We installed a floor of 6 metres by 12.5 metres in size.

We also mounted steps, so that the children can access the pool independently, or with assistance if necessary.



FITNESSCENTRE HUISSEN

Variopool installed an adjustable floor in the special groups pool in the Huissen fitness centre. The floor is frequently used for therapy sessions and rehabilitation. The floor of the fitness centre's pool is 14.5 metres x 11 metres in size, so it is also possible to host large group sessions or lessons.

The adjustable floor has integrated steps for easy, independent access to the swimming pool. The step system pivots with the adjustable floor as soon as the height of the floor is adjusted. Thus, the steps can be used at all depths.



HYDROTHERAPY IN PRACTICE



HYDROTHERAPY IN PRACTICE

Hydrotherapy entails doing exercises in the water under the guidance of a physiotherapist or a so-called hydrotherapist. Therapy pools are usually a few degrees warmer than the average swimming pool. The advantage is that it facilitates suppler movement and does not place too much pressure on the joints. The hydrotherapy itself, combined with the warm water also promotes blood supply to damaged tissues.

SPECIAL EQUIPMENT FOR HYDROTHERAPY

Hydrotherapy often involves the use of special equipment and various flotation devices. Naturally, because the equipment needs to be waterproof, amongst other things.

PRESENT AT INTERNATIONAL EXHIBITIONS AND EVENTS

Hydrotherapy involves doing exercises in water with the assistance of a physiotherapist. The advantage of exercising in the warm water of a therapy pool is that it is a safe way to move without causing excessive joint strain. And as the water is warmer than in a normal pool, it is better for the blood vessels. Hydrotherapy in combination with warm water also improves blood flow to damaged tissue.

SPECIAL EQUIPMENT FOR HYDROTHERAPY

This form of therapy also uses special equipment and various flotation aids. In swimming pools where this form of therapy is given there is almost always a movable pool floor

Swimming pools used for hydrotherapy usually have an adjustable swimming pool floor installed. It makes it far easier for users to enter the swimming pool independently and the floor can be set to a height that allows users to move easily.

In addition to adjustable floors, Variomedic also supplies other accessories and products for hydrotherapy. For example, specialist step systems, Pool-pods, movable platforms and ramps. These products are described in detail in the rest of the brochure. Variomedic is part of the Variopool Group and has been a market leader in the sector for years.

because this makes it easier for patients to enter the pool, and the advantage for the therapist is that they are better able to support the patient because the floor can be set to any desired depth.

PARTNER OF TASK FORCE HEALTH CARE

Variomedic is official partner of the Task Force Health Care. The other partners of the TFHC consist of an extensive network companies, knowledge institutes and governments that are active in the Dutch health sector. A valuable network we regularly meet at networking events.



Task Force Health Care
Dutch platform for the life sciences & health sector



The ability to adjust the depth of the water according to the needs of users is of great benefit in hydrotherapy. It means every type of hydrotherapy is suitable for every person, regardless of height or different stages in the rehabilitation process. In addition to the supply and installation of an adjustable floor, we can also integrate an underwater treadmill with the floor. The combination of these products is very user friendly and speeds up the recovery process or achievement of the user's goals.

ADVANTAGE WITH AN UNDERWATER TREADMILL



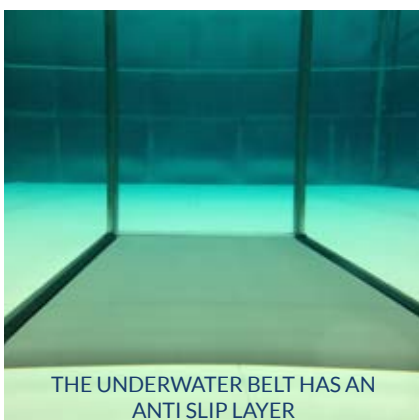
It is no problem for Variomedic to install the underwater treadmill in existing swimming pools. Naturally, the installation can also be carried out in a pool to be newly built. The installation can be freestanding on the floor, or we can integrate it with the adjustable floor. The possibilities are endless.

NEUROLOGICAL USES OF THE TREADMILL

The underwater treadmill can be used by everyone. For example, the rehabilitation of athletes and those wishing to improve their health and fitness levels. The adjustable floor, in combination with the treadmill, provides hydrotherapists with many options. The treadmill reduces pressure on muscles and joints while challenging the heart and lungs sufficiently. The underwater treadmill also encourages a consistent rhythm in the user's walking pattern, which is of great importance for neurological purposes.

BUILDING MUSCLE MASS

A goal most commonly associated with the use of an underwater treadmill is to build muscle mass. On one hand, there is less strain on muscles and joints in the water and on the other, it is relatively challenging to move underwater. This combination is ideal for those in recovery or undergoing rehabilitation. They can recover more quickly with the assistance of a hydrotherapist.



THE UNDERWATER BELT HAS AN
ANTI SLIP LAYER



AN UNDERWATER TREADMILL IS AN ESSENTIAL PART OF THE HYDROTHERAPY POOL

MOTORISED UNDERWATER TREADMILLS

Variomedic's motorised underwater treadmills are developed in the United Kingdom. The treadmills, used widely in the fitness industry, have many benefits for hydrotherapy. Adjustable gradients and speeds mean underwater treadmills can be used for a wide range of training techniques. The speed and gradient can be adjusted according to the individual needs of the user. In addition, all treadmills are manufactured individually to ensure they meet your specifications.

FUNCTIONS AND APPLICATIONS

F Variomedic's underwater treadmills offer various functions and options. The underwater treadmill has a touch-screen control panel, enabling users to select their own settings. The panel is easy to operate while using the treadmill. There is also the option to use underwater cameras, which enable the therapist to see how the user is walking on the treadmill and to offer advice and tips.

When the underwater treadmill is not in use, it can be folded so that it takes up less space in the pool's storage area, fitness centre, or care facility.



NEED MORE INFORMATION ABOUT THESE VARIOMEDIC PRODUCTS?
PLEASE VISIT OUR WEBSITE.

WWW.VARIOMEDIC.NL

Variomedic is part of the Variopool group

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