



TIELEMAN

POOL TECHNOLOGY

since 1970

MOVABLE POOL FLOOR



TIELEMAN YOUR PARTNER IN HYDROTHERAPY

The standard in pool technology for more than 200 rehabilitation centers, hospitals and healthcare facilities.

Since 1970



De Koppeling 11A
6986 CS Angerlo NL



+31 (0) 313 476265



info@tzhbv.nl



tieleman.eu/en

TIELEMAN

POOL TECHNOLOGY

About Tieleman

Tieleman Pool Technology was founded in 1970 and is a specialized manufacturer and supplier of swimming pool solutions. Through our years of experience and close contact with health care institutions we know exactly where the needs and wishes of our medical market lie. Due to our movable pool floors, pool lifts and many other hydrotherapy solutions, various target groups can make optimal use of the therapy pool facilities.

Our mission is not limited to building the product. An important feature is the support offered to the customers to realize their wishes. To achieve this, we advise, design, manufacture, assemble and maintain our products.

At Tieleman, no product is standard. Each pool is unique and so are the associated options. We are happy to adapt product designs for you so that they fit in perfectly with your pool and wishes. (Almost) everything is possible!

In this brochure you will find everything you need to know about the MOVABLE POOL FLOOR.

YOUR PARTNER IN HYDROTHERAPY

CONTENTS



THE PERFECT ADDITION TO ANY THERAPY POOL

05-08

SPECIFIC FEATURES FOR MOVABLE POOL FLOORS

09-10

ENTERING THE POOL STEP-BY-STEP

11-14

MORE THAN 50 YEARS OF MEDICAL EXPERIENCE

15-20

ALSO INTERESTING FOR YOU

21-22

THE PERFECT ADDITION TO ANY THERAPY POOL

To achieve optimal results with hydrotherapy, variation in depth is the key factor to success. Therefore, a movable pool floor is the perfect addition to any medical or therapy pool. Due to the movable pool floor, you can easily set the pool to any desired depth. This way you offer each client exactly the right water level, and thus the required load on the body for responsible rehabilitation.



BENEFITS OF A MOVABLE POOL FLOOR

Getting a movable pool floor installed in your pool provides a variety of benefits.



High efficiency

First of all, a movable pool floor ensures that you get more return from the water surface. Since the floor can be adjusted to any desired depth, you can create a safe swimming environment for different target groups.



Ultimate safety

By adjusting the height of the floor, you can make the pool less deep. This increases safety for vulnerable users, such as children and clients with disabilities. Due to the anti-slip finish of the deck of the movable pool floor, the risk of slipping is drastically reduced.



Save energy and maintenance costs

The insulated floor ensures that underlying water retains heat and no dirt can get in. Moreover, Tieleman's movable pool floors are developed with as few movable parts as possible. Wear and tear and maintenance are thus



reduced to a minimum. This saves on both energy and maintenance costs.



User-friendly

Tieleman's movable pool floor system is very convenient and therefore user-friendly. The operation is controlled via a touch panel with passwords for different users in the swimming hall.

See next page for more...



Due to a movable pool floor, you can easily fulfill the specific needs of a client.



Optimal water quality

Water (and not oil) is used to operate Tieleman's movable pool floors. This makes water contamination and degradation of the pool impossible. Because of the unique finish of our movable pool floors, the flow of the pool is hardly obstructed. Thus, the flow of the water remains intact, ensuring an optimal water quality.



Floating principle

Due to the floating principle of Tieleman's movable pool floors, there are no cables hanging in plain sight. This is not only an advantage from an aesthetic point of view, but it also improves safety.

Together, we look at which material and colour suits your swimming hall best, thus ensuring an aesthetic look.



A FLOOR TAILORED TO YOUR NEEDS

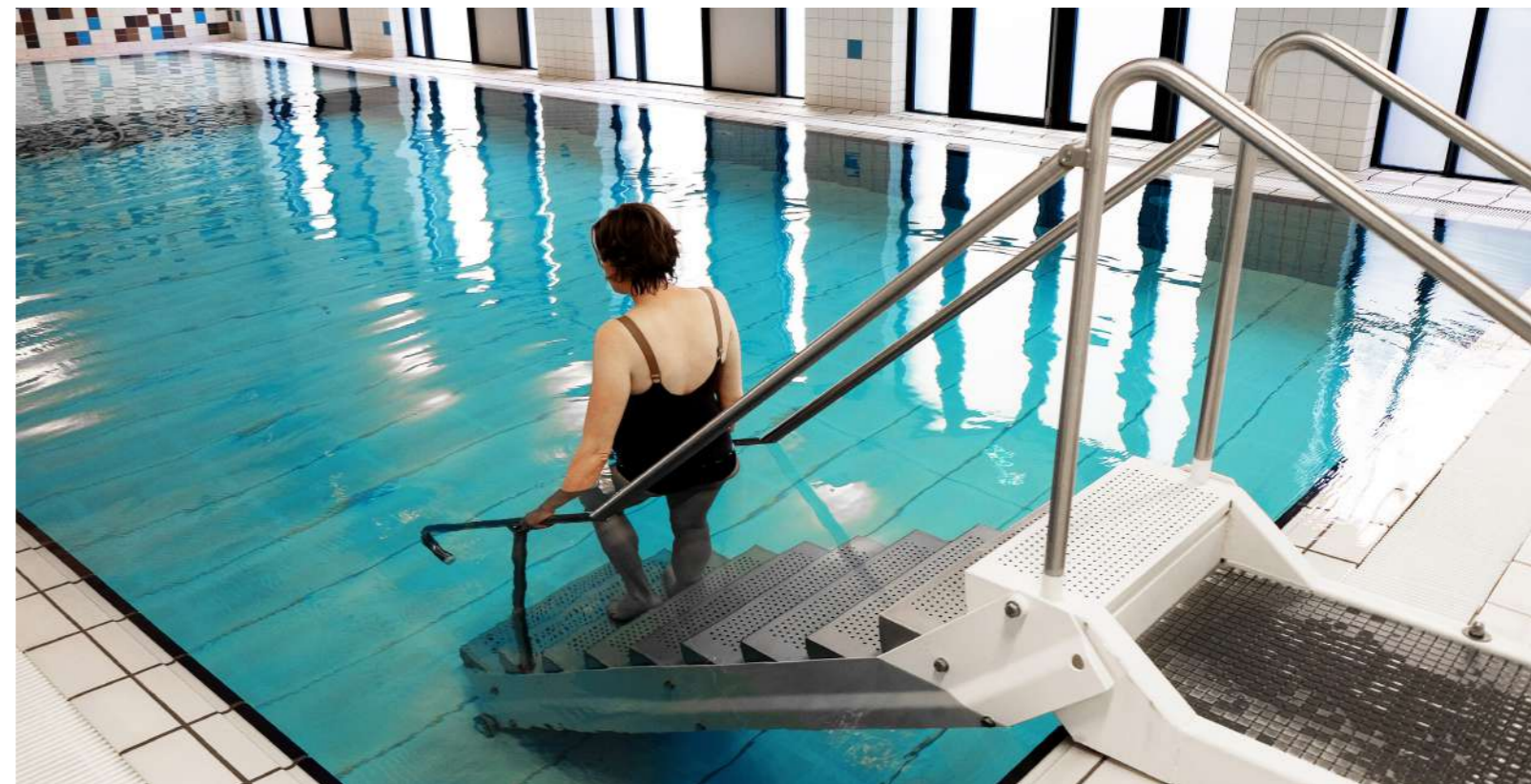
Completely in the style of your swimming environment

Every swimming pool is unique. That is why we offer you various options for your floor deck, for example Polypropylene (PP). Polypropylene is a material with a high impact resistance, is lightweight and has a high chemical resistance.



Safe and durable swimming

Because the system is integrated down to the last millimetre, there are hardly any gaps that could jeopardise the safety of the pool user. An additional advantage is that the insulated swimming pool floor also ensures that the water underneath retains heat. So you save on energy costs.



SPECIFIC FEATURES FOR MOVABLE POOL FLOORS

MULTIPLE MOVABLE POOL FLOORS WITH BULKHEADS

Due to our multiple movable pool floors with bulkheads, different target groups can enter the pool at the same time. For example, we have installed three movable pool floors with bulk heads and removable fences in the therapy/rehabilitation pool of Basalt Rehabilitation (The Hague).

How it works

The floors can be individually adjusted to the desired depth required by the respective target group. The bulkhead moves with the floor closest to the surface. This prevents a gap from forming between the movable pool floors and prevents the risk of entrapment.

In this way, you can easily create a safe swimming environment for several target groups at the same time.

A number of benefits

High efficiency

Since the floors can be set to any desired depth, you can create a safe swimming environment for several target groups at the same time.

Cost-effective

You can divide the pool into a deep and a shallow section. This allows different therapy groups to enter the pool at the same time and attend a therapy session. This can save costs in hours and in the use of the pool.



MOVABLE POOL FLOOR WITH TILT-ADJUSTMENT FEATURE

Due to a movable pool floor with tilt-adjustment feature, you are able to work with varying resistance levels during rehabilitation. Such a floor is the ideal addition for any rehabilitation pool or top sports center. In 2021, for example, we provided professional football club Royal Antwerp F.C. from Belgium with a movable pool floor with tilt-adjustment feature in their therapy pool.



How it works

Normally, a movable pool floor can only be adjusted in depth as a complete installation. Due to a movable pool floor with tilt-adjustment feature, you can choose to set one end of the pool deeper, so that logically the other end occupies a higher position. In this way you create a slight slope in the pool.

This slope can be used optimally to provide upward and downward resistance during a rehabilitation process.

A number of benefits

Desired resistance on the body

Due to the tilt-adjustment feature, you can offer the client the desired resistance on the body for optimal recovery.

Comfortably stepping into the pool

Only the movable pool floor can be inclined. Since the steps of the integrated staircase remain in position, the swimming pool can be entered comfortably in any desired position or depth of the floor.

ENTERING THE POOL STEP-BY-STEP

To increase the accessibility of swimming pools with a movable pool floor, Tieleman has developed user-friendly and high-quality products which ensure that the therapist and the client can enter the pool safely and comfortably. Whether it is a ramp or an integrated staircase. You can choose from various additions to increase the accessibility of your swimming pool.



INTEGRATED POOL STAIRCASE

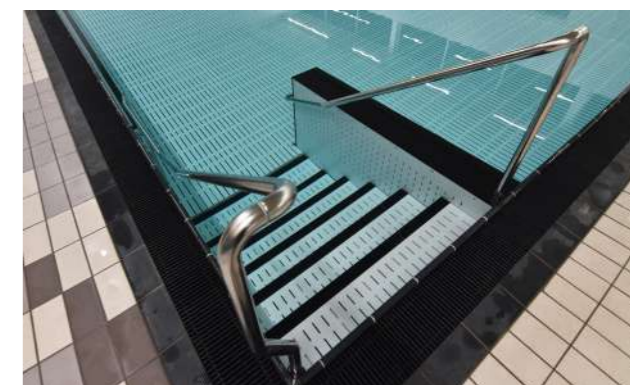
An integrated pool staircase is not only functional, but also gives the pool a luxurious appearance. The system is integrated down to the last millimetre, which means that there are hardly any gaps that could jeopardise the safety of the pool user.

How it works

Whereas the movable pool floor is infinitely adjustable, each step of an integrated pool staircase remains at a certain height. If the floor lowers, a staircase forms and if the floor rises, the staircase levels out so that it forms a whole again with the floor. This way the pool is comfortably accessible at any depth.

The floor and the integrated stairs form a part of a complex system. Such a combination is a fine example where aesthetics, customisation and expertise come together.

The front of the steps can be provided with a coloured strip, which makes the steps stand out and prevents the users from hurting themselves.



When to choose an integrated pool staircase?

The choice for an integrated pool staircase is made at an early stage of the project. It is very important that an integrated staircase is included in the construction drawings of the movable pool floor.

The product is, as it says, fully "integrated" into the movable pool floor. Our customers often choose an integrated staircase for its aesthetics and the amount of space it offers.

In addition, an integrated staircase is tailor-made for each project, so you can also choose to have an integrated staircase built across the entire width of the pool.

SELF-ADJUSTING STAIRS

The self-adjusting stairs are specially developed for use in combination with a movable pool floor. Our user-friendly, height-adjustable and stable steps have been developed to allow users to enter the pool as safely and easily as possible at any desired depth.

How it works

Whereas for recreational swimmers a staircase or ladder is an obvious part of the pool, for rehabilitating clients it is an important tool to allow them to enter the water safely. Self-adjusting stairs are located at the top of a movable pool floor. As the staircase is hinged, it is very suitable for use in combination with a movable pool floor.

The construction of the staircase guarantees an infinitely variable angle adjustment and therefore it can be used at any desired water depth. The closed design of the staircase prevents the risk of entrapment and makes it ideal for hydrotherapy exercises such as stair climbing exercises.

When to choose self-adjusting stairs?

Self-adjusting stairs are a cost-effective alternative to the integrated staircase. Self-adjusting stairs are commonly chosen by customers when they are dealing with an existing movable pool floor. The advantage of the self-adjusting stairs is that it can be mounted on almost all (existing) movable pool floors.



POOL RAMP

The pool ramp offers a functional solution for therapy pools. Due to a ramp that runs from the platform to the bottom of the (movable pool) floor, wheelchair users can enter the water independently. A great solution for you as a professional, but also for the client who does not have to use a lift.

How it works

The pool ramp can be mounted in or on the movable pool floor. The ramp moves with the movable pool floor. This makes the ramp accessible to users at any desired depth. The Tieleman pool ramps are wide enough to accommodate a standard wheelchair, a wheelchair with large wheels or a walker, for example.



At Tieleman the ramp can be made in any desired dimensions. We ensure that the ramp connects seamlessly with the movable pool floor, so that you can use it carefree. In addition, we fit the ramp with a stainless steel railing. Due to our in-house production we can guarantee a fast turnaround of your tailor-made project.

When to choose a pool ramp?

The pool ramp offers a solution for therapy pools, which are used by numerous wheelchair users.

The pool ramp is not only a solution for people in wheelchairs, but also for people who have difficulty walking. Both can enter the pool more easily by using a pool ramp. After all, it is easier to walk down a pool ramp with a stainless steel handrail than to use a steep pool staircase.



MORE THAN 50 YEARS OF MEDICAL EXPERIENCE

The effectiveness of hydrotherapy is widely endorsed in the medical sector. Because of Tieleman's many years of experience and close contact with health care institutions, we know exactly where the wishes and needs of our medical market lie. We have been providing medically certified quality to more than 150 institutions for over 50 years, and for good reason.



WHY CHOOSE TIELEMAN?



Customized solutions

The design and manufacture of movable pool floors, pool lifts, self-adjusting stairs and many other hydrotherapy products is entirely in our own hands. This means that we can deliver all possible requirements and dimensions.



Highest quality

All our products exceed the European quality and safety requirements for swimming pool equipment installed in public and medical swimming pools (the NEN-EN 13451).



One-stop shop

Ambitious goals require driven people with knowledge. We are the only specialist in swimming pool technology that has everything in-house to support you from start to finish.



Minimal down-time in case of malfunction

Because we work mostly with our own products, we know all the ins and outs

and can solve potential failures quickly.



Direct contact

With us you have direct contact for all your questions about swimming pool technology. This eliminates unnecessary costs due to redundant communication between companies.



Flexible

Due to our short lines of communication, we can respond quickly, without jeopardising the quality. We adapt easily to changing circumstances and actively seek solutions.



Curious about our possibilities? Request a free consultation to see what we can do for you.

INVOLVED IN EVERY STEP OF THE PROCESS



HIGHLIGHTED PROJECT | JEROEN BOSCH HOSPITAL

Due in part to two movable pool floors with a bulkhead and two self-adjusting stairs, several patients of the Jeroen Bosch Hospital can work on their rehabilitation or take part in a therapy session at the same time.

About Jeroen Bosch Hospital

The Jeroen Bosch Hospital (named after the painter Jeroen Bosch from Bossche) is a general hospital in den Bosch. The hospital has a service area for more than 360,000 inhabitants and has, in addition to the main branch, several branch offices.

One pool for several target groups

For the rehabilitation of various patients of the hospital, we have developed two separately movable floors with a bulkhead. This allows several target groups to safely enter the pool at the same time for rehabilitation or therapy sessions.

The bulkhead moves with the floor closest to the surface. Due to the bulkhead, there is no gap between the movable pool floors that can jeopardise the swimmers safety.

In addition, two self-adjusting stairs (that move with the movable pool floor) allow the patients to enter the pool comfortably, safely and quickly.



OUR CLIENTS



WHAT OUR PARTNERS SAY

Our partner Tieleman ensures that our pool for children with disabilities is in top condition and meets all modern requirements. The competent and caring service they provide ensures that we can use our pool with two pool lifts, self-adjusting stairs and a movable pool floor for our guests on a daily basis. This allows our guests with their children to enjoy their holiday to the fullest.

F. Wientjes - CEO Bio Vakantieoord

In both the design and implementation phase there was a pleasant cooperation with the specialists of Tieleman. Through the use of the movable pool floor, integrated stairs and pool lift the use of the therapy pool is facilitated. The integrated standing-edges of the movable floor provides extra safety for the users.

E. de Wit - Senior project leader Housing ASVZ

The movable pool floor is very pleasant to use. Due to the anti-slip floor, walking through the pool is very safe. The operation is easy to use and customer friendly. The pool lift is a significant added value for the target group and the pool staff. Getting into the water takes place in an ergonomic manner so that the clients do not build up any tension during the transfers.

E. van Noordenne - Team leader Movement Pedagogy ASVZ

ALSO INTERESTING FOR YOU?

POOL LIFT

The pool lift developed by Tieleman enables a safe, fast and ergonomically responsible transition in the swimming pool. The swimming pool lift is an aid that is fully aimed at rehabilitation and care clients.

Medical stretcher and wheelchairs

Due to our quick-change system, the client can be connected directly to the lift using a wheelchair (large or small wheels) or an adjustable-height stretcher. In just a few seconds, your client is in the water. Comfortable, safe and fast. These accessories for the swimming pool lift are, just like the swimming pool lift, manufactured in-house by Tieleman.



WALKING BARS

We develop walking bars not only for pools with fixed floors, but also for movable pool floors. This allows your clients to get the support they need, regardless of depth.

Our walking bars are easy to remove from the pool and to put back in place. This way, you can continue to use the pool surface for other purposes without losing any of its space.



WATER TREATMENT SYSTEM

Swimming pool water in the medical sector must meet strict quality requirements. After all, you are working with a target group that needs to recover or is more vulnerable.

Fully automated

With over 50 years of medical experience, Tieleman is an expert in the field of water treatment systems for medical swimming pools. Not only do our systems provide optimum water quality, they are also fully automated. As a result, the technical support only has to perform minimal activities.

All our installations are equipped with a Siemens PLC with touch screen. From here, all pumps, measurements, dosages and messages are managed and controlled.





TIELEMAN

POOL TECHNOLOGY

since 1970

More products

The product range of Tieleman Pool Technology is not limited to the possibilities mentioned in this brochure.

Check our website to learn more about our:

- Movable pool floor
- Pool lift with wheelchairs and stretcher
- Self-adjusting stairs
- Fixed stairs and ladders
- Hinged ramp
- Water treatment system
- Stainless steel pool
- Specials

6986 CS Angerlo, NL
De Koppeling 11 A

Info@tzhbv.nl
www.tieleman.eu/en

+31 (0) 313 476 265