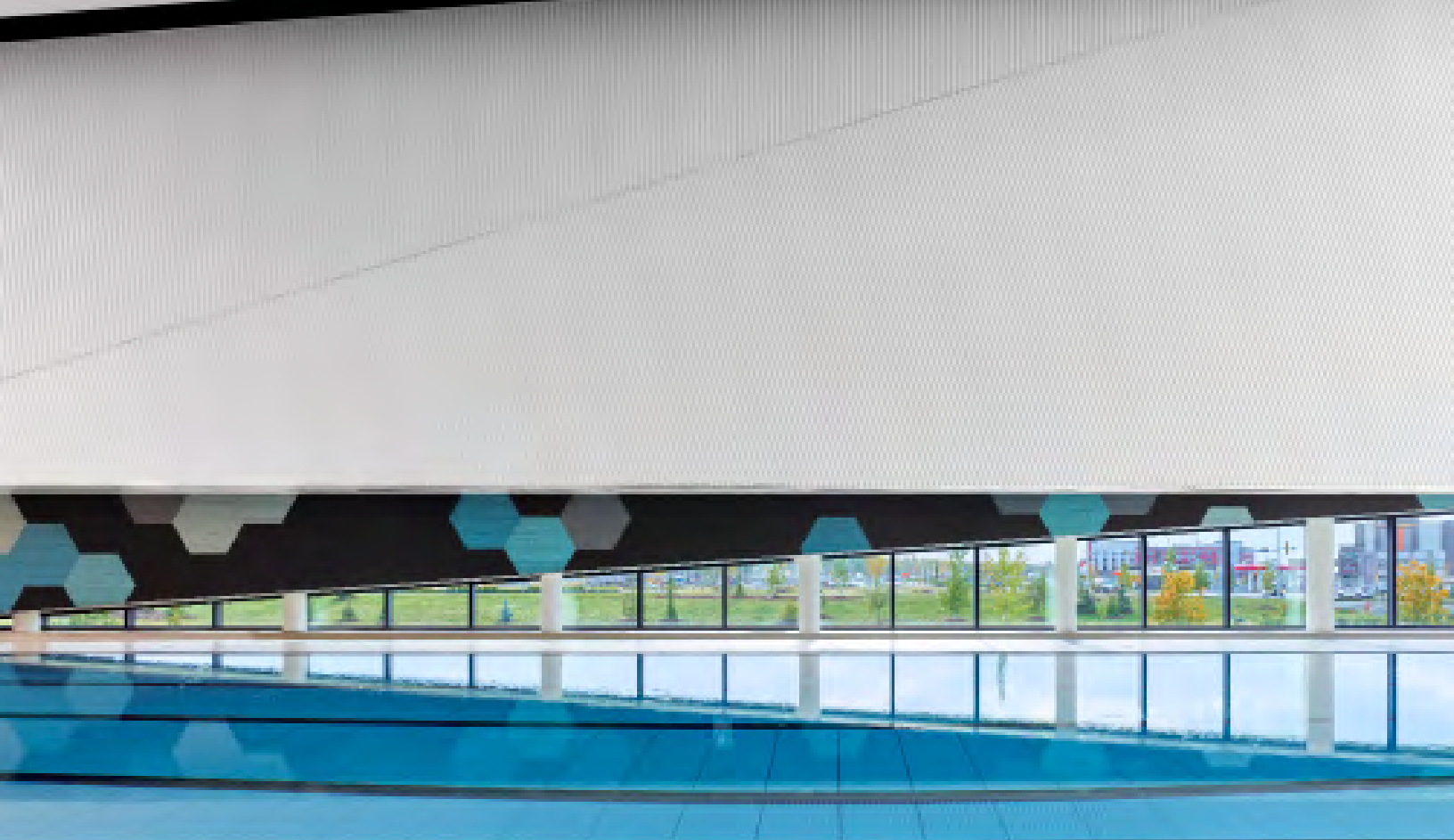




ONE POOL. UNLIMITED POSSIBILITIES.

KBE North America

Movable floors are used to adjust a swimming pool's water depth. The floors add flexibility to a facility, allowing operators to easily offer many different types of programming within the same swimming pool. By increasing the offerings, the facilities revenue will increase.

The addition of a movable floor has become extremely popular in many public swimming pools across the world. Private swimming pools have also begun to install movable floors, usually with the same finish as the surrounding pool and/or pool deck, creating a uniform surface when the floor is level with the poolside.

Our History

The KBE floors are designed and manufactured in Wilhelmshaven, Germany and the company was founded in 1965. Initially, the aim was to develop and design facilities with the ability to adjust the water depth of swimming pools for schools.

In the 1980's KBE started to market moving floor systems worldwide and for many different applications – community centres, residential pools, hospitals and therapy centres, schools and universities.

The KBE products have evolved over time and each and every floor is designed and engineered to the specifications of the client.

KBE North America sells, supports, and installs the products across North and South America offering a complete installation and maintenance solution.





The KBE Difference

Installation	KBE FLOOR	FLOATING FLOOR
LENGTH	2 - 4 weeks	Complex and time consuming
NEW POOLS	✓	✓
EXISTING POOLS	✓	✗
FLOOR SYSTEM	Scissor System	Air Compressor and Cable/Pulley System
TESTING CONDITIONS	Pool may be full or empty	Pool must be full
TRAINING/COMMISSIONING	Immediately after installation	After the pool is filled



The KBE Difference

Safety

LOCKING MECHANISM

DEPTH INDICATORS

OPERATION REQUIREMENTS

FLOOR LEVEL IN ALL POSITIONS

KBE FLOOR

Self locking

Pictoral

Key Required

✓

FLOATING FLOOR

x

Varies

Varies

x

Operation & Maintenance

RECOMMENDED MAINTENANCE

COST

UNDERWATER DIVERS REQUIRED

USER FRIENDLY

CABLES UNDER FLOOR

KBE FLOOR

Yearly

Low Cost

x

✓

x

FLOATING FLOOR

Daily/Monthly

High Cost

✓

x

✓





Features & Benefits

Made of a stainless steel supporting structure that operates like a scissor lift using motors on the outside of the pool to turn the spindles on the structure.

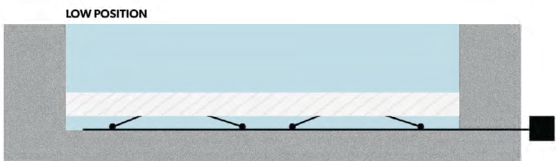
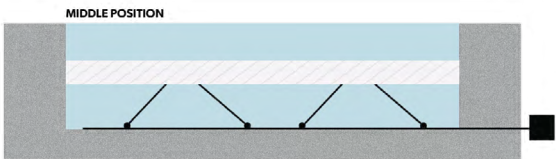
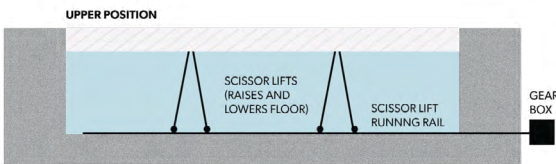
Metal parts are made of non-corrosive 316 stainless steel.

The surface design allows water flow through 1.5% of the floors surface area.

Supports a live load of 3 people/m² in dry conditions.

Area below the floor is free from cables.

Moves at a rate of 1m in 5 minutes.



Custom Installations
Designed to your specifications.



Increase Pool Usage
Expands programming opportunities.



Cost Savings
Minimizes heat loss and evaporation.



Quick Installations
Between two to four weeks.



Easy Operation & Low Maintenance
Simple and user friendly.



Safety
Key is required to operate the floor.

Maintenance

- No daily maintenance required
- We recommend an annual inspection by our service technician who will:
 - Check the floor in all positions
 - Check indicator bulbs
 - Check and grease the stainless steel components
 - Check all welded seams and pins
 - Check the fibreglass panels
 - Check for any pinch points
 - Check the motor(s)
- Once complete, a detailed report will be provided to the owner.



Programming at a Glance



Swimming Lessons
0.5M-1.2M



Lane Swim
1.1M-1.35M



Diving
3.0M-5.0M



Aqua Cycle
1.0M-1.2M



Water Walking
1.2M-1.5M



Physical Rehabilitation
Beach Entry or 0.5M-1.5M



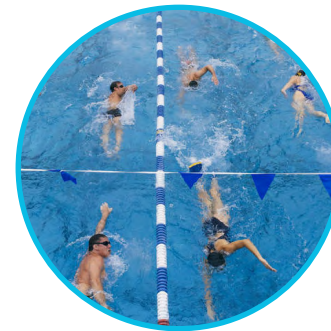
Synchronized Swimming
2.0M-3.0M



Water Polo
1.8M Minimum



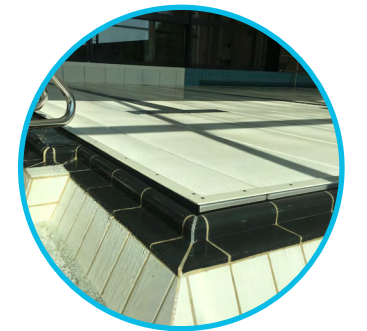
Aqua Fit
1.2M-1.5M



Competition Training
1.2M-1.5M



Toddler Splash
0.1M-0.5M



Pool Cover
0.02M Above Water Surface

**All water depths are approximate and vary by local codes.*

Frequently Asked Questions

Can you tell me more about the maintenance requirements for the floor?

We recommend performing maintenance during a facility shutdown when the pool is drained. Maintenance is easy and KBE North America's skilled technicians perform the work which involves lubricating all moving parts and testing the floor and its components. You simply raise the floor into the highest position and the technician is able to use a ladder to perform the required maintenance underneath the floor.

How are KBE floors different than the other floors available?

A KBE floor moves using a motor and spindle system. This means that when the pool is empty the floor operates the exact same as when the pool is full. The advantage to this is that you do not need specialized underwater divers to inspect the floor or hoists in place when the pool is drained.

Does the movable floor have to be the size of the entire swimming pool?

There are many different configurations for a movable floor. The movable floor can indeed be the entire surface area of the pool and can even have built in tilting capabilities. This is very popular for smaller teaching or diving pools. What is most popular in larger pools is the use of a trailing ramp or an interlocking bulkhead. This way the movable floor can just be used in a section of the swimming pools surface area.





Frequently Asked Questions

What are the potential safety concerns?

A KBE movable floor is extremely safe and automatically locks using self-locking screws in all positions. The surface of the floor is free from pinch points. All stopping points are determined and checked onsite. When the floor does not cover the entire surface of a pool, a trailing ramp is installed to prevent patrons from swimming underneath the floor. There are electronic depth displays which change as the floor is moved up and down. They indicate the operating depth of the floor and when the pool is not safe for swimming or diving.

How is the floor shipped?

All components of the floor are shipped in 40' containers. These components are designed to fit through a standard door and then the floor is assembled onsite by highly skilled and experienced KBE mechanics.

Unlimited Possibilities

With a KBE movable floor we are offering the ultimate aquatic versatility for your facility. A swimming pool that can be simultaneously a deep diving pool, a child friendly shallow depth pool or a mid-depth pool for exercise and water games. Installing a movable floor will increase usage and maximize the swimming pool's potential. One pool with unlimited possibilities!





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