

PRODUCT SHEET - BENEFITS OF A MOVABLE FLOOR



INSTALLATION AND SYSTEM

- Simple operating principle with top quality materials. Highly reliable and safe with minimal maintenance and a long service life.
- Floors are custom made and not tied to any fixed dimensions.
- No major builders works required resulting in no high and unforeseen costs.
- Design can be worked around the basis of the existing pipework in the pool floor.
- Patented drive system which only needs a minimum of space for installation of the cylinders.
- Hydraulic cylinders have a fully integrated measuring system.
- Lateral guides or channels in the pool walls are not necessary.
- Foundations or plinths in the basement plant room are not necessary.
- No moving parts in the basement plant room.
- Floors can be retrofit into existing pools with a minimal amount of builders works
- All moving parts in the water are self-lubricating.
- Long lifetime expectancy of stainless steel 316L pulley seats & frame.
- Minimal installation or construction height of 60 cm.

MAINTENANCE

- Minimal service costs as regular maintenance can take place without having to drain the pool using a team of certified scuba divers. Wear and tear items can be easily replaced and all the maintenance works are reported in a logbook. The space under the floor can be cleaned using an underwater vacuum cleaner which will remove any debris not filtered out.
- 24/7 access to our Service Centre maintaining an inventory of all Variopool floor and boom components.
- Internet modem allows Service Centre to access the PLC system remotely for quick diagnostic check and determine cause and solution of any urgent issues. This can eliminate any downtime caused by time waiting for a service engineer to travel to site.

SAFETY

- All tensile forces associated with the raising and lowering of the floor are directly transferred from the pool tank to the movable floor construction.
- Variopool movable pool floors are based on a permanent buoyancy basis. In case of any emergency the floor will always raise to water level and never drop away.
- All movable floors are manufactured with an effective anti-slip top deck.
- The GRP polyester panels are custom manufactured in-house using special designer moulds and encapsulated in an ISO-NPG resin in order to obtain an optimal product.
- Variopool floors are completely flat by the very high rigidity of the elements and integrated grilles.
- Variopool movable swimming pool floors are built to comply to local H&S requirements, European Norms EN13451-1 and 11, as well as FINA regulations.
- Variopool movable pool floor design has been successfully tested and certified by Lloyd's.
- Variopool is member of the European Norms Technical Committee TS138 for Swimming Pool Equipment to ensure the safety of our products.