

**VARIO**  **POOL**  
THE REAL DEPTH INVESTMENT



**PRODUCT INFORMATION**  
**TRAVERSAL BULKHEAD**

## TRAVERSAL BULKHEAD

### PRODUCT DESCRIPTION

A Variopool traversal or horizontal bulkhead is designed to split a standard swimming pool into more than one individual spaces. The bulkhead facilitates a rapid transformation to the pool creating independent water areas to host different activities for different groups.

In order to relocate the bulkhead, a blower is turned on pushing air into a series of integrated air chambers making it buoyant and raising it from the swimming pool floor. A set of folding doors can then be opened on either side creating a space of about 50cm between the pool walls and the bulkhead diminishing water resistance and as a result the wall can be easily moved through the water to a new position. The traversal bulkhead can be moved manually using push bars by one person on either side or with the aid of a set of electric boom mover buggies (optional). The bulkhead is completely perforated in order to decrease water resistance during movement and to ensure proper water circulation at all times.

This buoyant system is a proven concept characterized by its simplicity and a minimum of moving parts resulting in a high level of reliability and lower maintenance costs.

Variopool traversal bulkheads are perfectly suitable for professional use and are fully compliant with the minimum requirements set by the FINA (Federation Internationale de Natation) as well as European Norm EN13451-11.

### TECHNICAL SPECIFICATIONS

<b>Material - construction</b>	Stainless Steel 316L frame construction (pickled and passivated)
<b>Material - finish</b>	Polypropylene plates 20 mm thick with integrated perforation
<b>Loadings</b>	Max. 200 kg/m <sup>2</sup>
<b>Colour - finish</b>	White (RAL 9010)
<b>Buoyancy</b>	Integrated air chambers and an air blower installation
<b>Control system</b>	Manual with the aid of push bars / electrical boom mover buggies
<b>Width</b>	Custom from 0.50 to 2.0 mtr.
<b>Length</b>	Custom from 12.50 to 25.0 mtr.

### CONVENIENCE AND SAFETY FEATURES

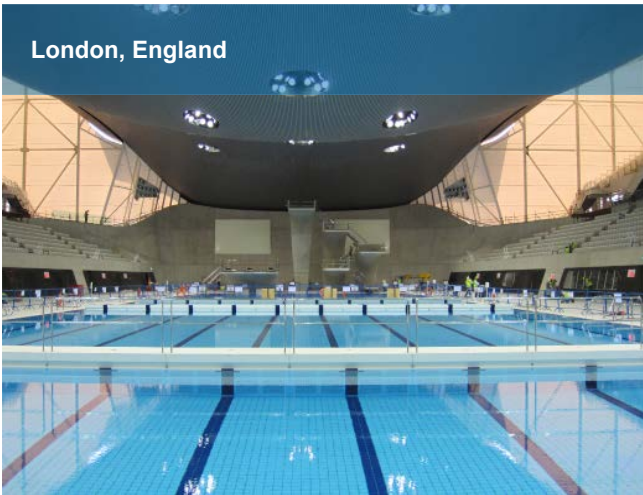
The traversal bulkhead has a standard base model which can be supplied with additional convenient features:

Standard	• Lockable control panel with push buttons and emergency button
Standard	• Access hatches for annual maintenance
Standard	• Integrated anchors for competition lane ropes
Standard	• Finger grips on the top edge on both sides
Standard	• Racing Lines in colours cobalt blue RAL 5013 or black 9005 (other colours upon request)
Optional	• Removable mirror-polish hand rails
Optional	• Connections for racing touch pads / timing equipment (for example: Omega)
Optional	• Foundations for starter blocks and/or integrated foot ledges
Optional	• Set (2x) boom mover buggies incl. push bars and charging station

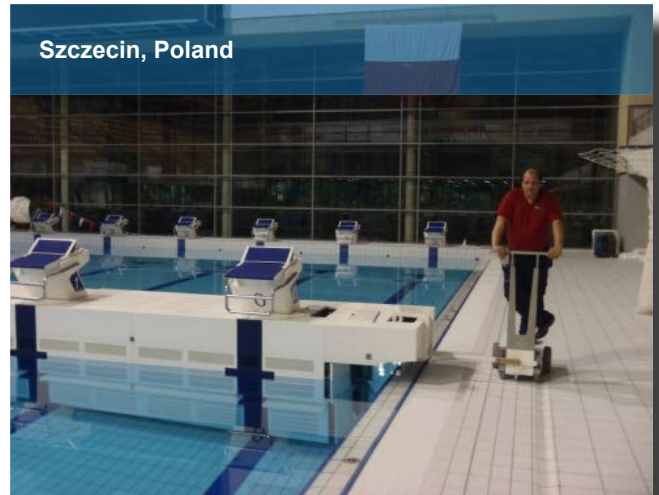
## REFERENCES

Below are some references where Variopool has made and installed a traversal bulkhead. Do you have questions about these or other references of Variopool, please contact us. You can reach us every day on +31 226 333 000 or via [info@variopool.nl](mailto:info@variopool.nl).

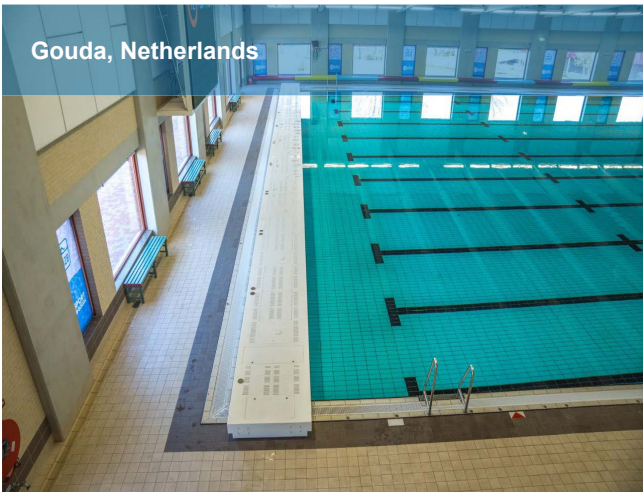
London, England



Szczecin, Poland



Gouda, Netherlands



Bristol, England



Edinburgh, Scotland



Loughborough, England



## MORE INFORMATION

Variopool B.V. - Haarspit 3 - 1724 BG Oudkarspel - The Netherlands  
Tel. +31 226 333 000 - E-mail: [info@variopool.nl](mailto:info@variopool.nl) - Web: [www.variopool.nl](http://www.variopool.nl)