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# Composite bridge carries 60 ton traffic

A COMPOSITE lift bridge designed to carry heavy traffic has been installed in the city of Oosterwolde in the Netherlands.

The Oosterwolde bridge was commissioned by the Province of Friesland and manufactured by FiberCore Europe. The bridge is 12 m long and 11.2 m wide and is designed to carry traffic up to 60 tons in weight.

According to FiberCore Europe, it is the first lift bridge in the world to have a deck construction built entirely from fibre reinforced plastic (FRP) composite.

FiberCore, based in Rotterdam, used its Infra®Core Inside technology to manufacture the bridge deck. This has been developed for heavy-load-bearing composite structures such as composite bridges and composite lock gates. Compared to concrete bridges the production cost of the InfraCore 60-ton-traffic bridge is relatively low. The bridge can also be installed quickly, reducing disruption to traffic.

**FiberCore Europe; www.fibercore-europe.com**

*The composite bridge in Oosterwolde.*

## Brazil launch for Italian style motorboats

AGUZ MARINE of Brazil was established in 2010 to produce motorboats of 26-50 ft based on designs developed by Ferragni & Tollini Yacht Design.

The first design will be the Aguz Open Line 36 and the first boat will go into the water in early April. This boat has two or three cabins and two engines, and accommodates up to 10 people. The hull is manufactured in vinyl ester composite using the infusion process.

*Aguz Marine's motorboat.*

Aguz Marine is planning to manufacture two watercraft per month and intends to include three other designs from Ferragni & Tollini in its portfolio: 26, 42 and 50 ft motorboats.

**Aguz Marine; www.aguzmarine.com.br**

# Polin unveils new waterslide

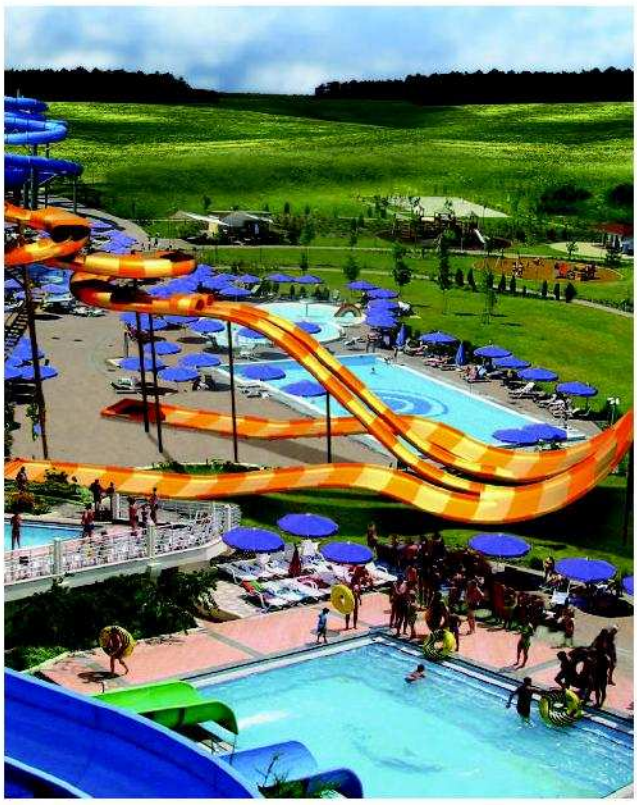
POLIN WATERPARKS & Pool Systems is expanding its RACER series with the new Racer Twin Turbolance waterslide.

Polin is located in Turkey and specialises in the design, manufacturing and installation of waterparks, waterslides and water play attractions. The company uses the Light RTM (resin transfer moulding) process in waterslide manufacturing. Since 2006, Polin has converted to Light RTM on over 90% of its annual composites production.

The design of Polin's new waterslide ride, Racer Twin Turbolance, consists of two double tubes configured side by side along a circular path. The ride's path is actually two slides in one. The double tubes accommodate two riders in each, for a total of four. The path takes exciting twists and turns before reaching an enclosure that suddenly plummets riders down a nearly vertical drop at speeds of up to 52 km/hr. The double tubes diverge at this point into two different slides and then the riders are propelled uphill vertically to experience a reverse path taking them over a bump and ending into a splash pool or a dry-out.

The attraction has a typical height of 19.3 m (64 ft), with slides of 156.2 m (521ft), a drop angle of 40° and a speed of 52 km/hr (32.5 mph).

**Polin; www.polin.com.tr**



*The waterslide.*