

TRAVEL HOIST DOCK

HAMBLE YACHT SERVICES, UK



In 2017 Walcon Marine completed the replacement of a travel hoist dock at Hamble Yacht Services (HYS) on the south coast of the UK. The company was responsible to every aspect of the project. It began with the demolition and removal of the old dock before moving on to the driving of new piles and the fabrication and installation of new steel runway beams followed by filling them with concrete.

Additional concrete works were also undertaken on shore.

The specifications included a total of 23 steel piles being driven, each 16-metres in length and 610mm in diameter. 50 cubic metres of concrete were poured into the runways and ashore, and the decking to take the travel hoist plus up to 80 tonnes of yacht was 50mm GRP.

Projects of this type always bring with them challenges and this one was no exception. A number of the old piles put up more resistance to

extraction than was expected, and the interface between the shore and marine works required careful management to ensure that each did not impede the other.

Working schedules also had to be devised for the early stages of the project so as to make best use of the tides. However, Walcon's experienced team ensured that everything was managed smoothly and kept the project running on time.





Whilst best known for its pontoons and marinas, Walcon also has a thriving civil engineering practice that enables it to undertake the design and build of marine structures such as hoist docks and breakwaters.

With over 50 years of experience in this field, Walcon has developed unrivalled expertise in working over water, and its in-house detailing department ensures that the design and construction functions are completely coordinated. Walcon's local clients also benefit from its waterside facility on Southampton Water that enables it to prepare its materials and equipment off-site and then deliver them by water.

For HYS, this last factor was greatly facilitated by Walcon's three-strong fleet of barges. With the shore space at HYS largely taken up by yachts ashore for the winter, materials and equipment could be stored afloat, and bringing in additional supplies was also speeded up and simplified. In addition, the Walcon Wizard together with its piling rig removed the old piles and installed the new.

"We are very pleased with this project," commented Walcon Managing Director James Walters. "Bertie Bickett and his team at HYS could not have been more helpful, and Tony Mayhew at civil engineering consultants Mayhew Callum Ltd provided valuable support to both sides. This new travel hoist dock will serve HYS and its clients for many years to come."

In recent years, Walcon Marine has also built travel hoists for Lymington Yacht Haven, Cowes Harbour Commissioners and ABP Fleetwood. To view a time lapse video of the HYS dock under construction, go to https://youtu.be/G9O3_EUeNMc



About Hamble Yacht Services



Established in 1981, Hamble Yacht Services is an independent, professional, full service yacht and motor boat yard located on the UK's Hamble River, minutes from Southampton Water and the Solent. It has a worldwide reputation for excellence based on its comprehensive boat lifting, storage and berthing facilities.

It is a favourite destination for both local racing yachts and visiting boats from around the world due to its proximity to Cowes and Hamble, and its many years' experience of catering to the specialist needs of thoroughbred raceboats and supersailing yachts.

Founded in 1963, Walcon Marine is the market leader in the design, construction and installation of marinas, yacht harbours and berthing facilities around the world. As probably the longest established and most experienced company in its field, Walcon Marine is a global organisation with manufacturing facilities in the UK, Australia and Dubai. Its pontoons are now installed in over 30 different countries on five continents, and recent projects include the marina built at Portland on the south coast for England for the 2012 Olympics.

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Due to our policy of continuous product development we reserve the right to change specifications without prior notice.