



Pacific Hoists

QUALITY LIFTING SOLUTIONS

CUSTOMER CASE STUDY



SOUTHERN SPARS

NEW ZEALAND

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Pacific Hoists

Synchronously lifting Super Yacht Spars

Southern Spars specialise in the design and construction of carbon fibre spars and components, rigging, and rig servicing for the worlds most advanced super yachts. Its operation extends to four corners of the world with centres in the USA, Denmark, Spain, and South Africa, and headquarters in Auckland, New Zealand. Southern Spars employs more than 350 staff worldwide.

The company was amalgamating separate businesses into one purpose built manufacturing plant based in Auckland New Zealand. A bespoke 10,000m² facility was built which enables Southern Spars to introduce new technologies and accommodate the growing demand for larger and more technically advanced super yachts and grand prix race rigs. Pacific Hoists were asked to assist them in the set up of their spar manufacturing business, detailing in the brief, that spars need to be lifted in various lengths up to 70 metres. The spars also needed to be able to be moved, by a single operator to varied heights to enable the workforce to work on them, then the spa must be able to be loaded for transportation either around the factory or on to transportation vehicles.



Pacific Hoists were also asked to provide Southern Spars with the facility of being able to operate the hoists either on a individual basis or synchronously in conjunction with any of the five hoists in each production line.

This provided Pacific Hoists with a unique opportunity to assist our partner installer Baker Cranes to design a unique hoisting system which would allow the operator to use up to five electric hoists either individually or synchronously to lift each spar. The critical issue which Pacific Hoists had to solve was to be able to lift the spars using a varying number of hoists in an smooth and safe single lift operation.

In all Pacific Hoists installed nine electric hoists and five electrical feed systems linking these up with specialised Flex radio remotes, to complete the system.

Pacific Hoists together with the our partner installation team, were able to provide the technical expertise from the start of the project, assist throughout the installation process to the eventual successful completion and commissioning of the project.

We continue to provide advice and support for the ongoing operations at Southern Spars reinforcing our commitment to working with its business partners to provide the highest level support and aftercare service.

We would like to thank Southern Spars and Baker Cranes for providing Pacific Hoists the opportunity to be at the forefront of Southern Spars' new operations in Auckland and to be associated with the world leader in Spar manufacture and design.

For more information please contact Pacific Hoists or chat online at our website: www.pacifichoists.com.au