

PEMA Laser-hybrid thin plate panel line to Fincantieri's Marghera Shipyard

Pemamek has received a significant order from one of the world's largest shipbuilding companies, Fincantieri. The Italian shipbuilding group is known for its expertise in designing and building cruise ships, offshore vessels, naval and special vessels, as well as ferries and mega yachts.

Based on earlier successful deliveries to the company's other shipyards, Fincantieri decided to invest again in PEMA automation technology. Previously Pemamek has supplied PEMA Robot welding stations, Laser-hybrid One-sided welding station, profile processing line and another complete flat-panel line to Fincantieri's shipyards. Additionally, Pemamek's other global shipyard references, especially from thin plate panel processing, convinced Fincantieri to further strengthen cooperation with Pemamek.

Pemamek will deliver a technologically advanced PEMA Laser-hybrid thin plate flat-panel line. The line, totaling 300 meters in length, includes one-sided welding, milling station, and profile assembling and welding stations both with laser-hybrid welding process, profile processing line, panel trimming station and several robotized welding systems to weld T-beams onto the panels.

Pemamek's turn-key delivery will also include installation and commissioning, testing, training, production support and recommended spare parts. A comprehensive preventive maintenance agreement package will be determined during the project execution.

The advanced production line is completely customized according to Fincantieri's needs to build high-quality cruise ship panels and blocks. Due to minimized distortion on produced panels, Fincantieri will be able to fabricate panels with better quality and productivity. The level of automation in the entire line is optimized in order to achieve high capacity while demanding less manual work and manpower.

The complete PEMA Laser-hybrid thin plate panel line will be delivered in 2020.

For more information, please contact:

Jukka Rantala, Vice President, Key Account, Pemamek Ltd.

jukka.rantala@pemamek.com

+358 40 703 6176