

December 2018, Ship Machine - Building JSCo

Current Projects and Prospects for Development of Ship Machine – Building JSCo

In 2018 the production load at Ship Machine - Building JSCo remained at the good levels reached in 2017. The year started with completing the execution of the contract with MTG Dolphin JSCo for the manufacture of hull and superstructure blocks for a newbuilding tanker.



In the first half of the year the company executed also a number of orders for manufacture of steel structures for various civil engineering projects. This aspect of the company's activities has retained its importance in the last few years, contributing to the production load and the turnover, despite the significant increase of the volume of the traditional activity for Ship Machine - Building JSCo, namely the manufacture of complex ship equipment.

One of the most important projects, executed in the plant during 2018, was for the manufacture of a tender embarkation platform and a side shell door for a cruise vessel under a contract with our strategic client TTS Marine AB, Sweden. The two units function together - after the platform is opened, the platform's ladder is extended reaching the level of the open shell door one deck up. The work under this project began last year, and by the middle of March 2018 the main part of the steelworks was completed. Two characteristics of the project made it stand out. First, our scope of works included complete testing of the hydraulic systems of the platform and the door - main cylinders, cleating cylinders, preventer's cylinders, cylinder for operating the platform's ladder. Second, the fact that the units are designed for a cruise vessel meant higher requirements to the structures' geometry and to the execution of the painting. Those two particularities of the project made it substantially different from the projects for ship equipment for commercial vessels - hatch covers, stern ramps, car deck panels, and other units in which Ship Machine - Building JSCo has expertise.

Meeting the high quality requirements for the units, which are manufactured for the first time in Bulgaria, was made possible thanks also to the good cooperation with established and new subcontractors – Hydravlon - 1 Ltd., Maiak - K Ltd., Blast Construction Ltd., Eltab Ltd.



In the course of the execution of this project we have accumulated valuable experience and better understanding of the requirements to such type of equipment. The successful completion of the order opens opportunities for extending the common work with our Swedish client also in the field of cruise vessel equipment - shell and internal doors, platforms, etc.

In the end of April 2018 a new contract was signed with TTS Marine AB - for two sets of car deck panels, identical to the four sets delivered in 2017. The first set under the new order was delivered in August and the second - in the beginning of October.



Ship Machine - Building JSCo continued the good cooperation with another important client - the Italian company Posidonia S.r.l. In May we received the latest regular order for welded anchors - 97 anchors with unit weight ranging between 40 kg. and 1 900kg.

Another interesting current project is for the manufacture of four movable fenders for a floating crane under order from Ganz Danubius Waterkraft & Crane Kft. Ship Machine - Building JSCo's works include the manufacture of the steel structures of the movable foundation and the drum, assembly and welding, NDT and functional testing of the fenders. The scope of works includes also the manufacture of the guide rails, which are to be welded to the floating crane's deck.



In the end of September began the execution of the overhaul of the self-propelled scow „Hydrotral 01” under contract with the shipowner Cosmos Shipping JSCo. After the preparation of the scow and its pulling out of the water on the slipway - an operation which in itself was very complicated, due to the fact that the slipways of Ship Machine - Building JSCo are designed for launching of vessels, rather than their pulling out of the water - the repair works started. The successful execution of the repair of the scow will be the next challenge for Ship Machine - Building JSCo.



For Ship Machine - Building JSCo, as for all companies from the shipbuilding and ship equipment branch, September passed under the sign of the most important exhibition for the marine industry - SMM in Hamburg. The traditional participation of Ship Machine - Building JSCo in this fair - as an exhibitor or as a visitor – has always been fruitful and this edition was not an exception. Many meetings were conducted with current and potential clients and a number of specific projects were discussed - for ship equipment, floating ferroconcrete facilities, steel pontoons and others. For the most urgent of those projects the negotiations have already begun and there are realistic possibilities for positive outcome, which gives us confidence that the upward trend in Ship Machine - Building JSCo's activity, started in 2017, will continue in this year and in the coming 2019.

(Information and photos: www.smb.bg)