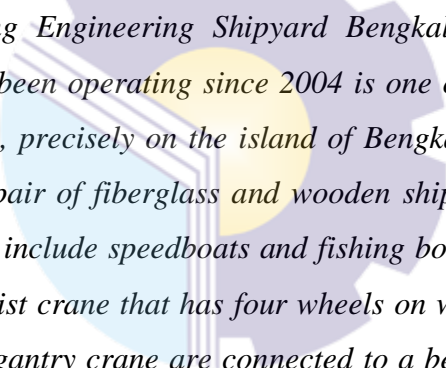


“Gantry Crane Design and Animation for Mini Shipyard Workshop Operation Marine Engineering Department”

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ABSTRACT



Shipbuilding Engineering Shipyard Bengkalis State Polytechnic The shipyard which has been operating since 2004 is one of the shipyards operating on the coast of Riau, precisely on the island of Bengkalis, which serves the new manufacture and repair of fiberglass and wooden ships. The types of ships that have been produced include speedboats and fishing boats 1GT, 2GT and 4GT. A gantry crane is a hoist crane that has four wheels on wheels and moves on rails. The two legs of the gantry crane are connected to a beam and at the bottom are wheels. Gantry cranes are hoist cranes that can be used both indoors and outdoors. So it is quite profitable for industrial entrepreneurs who want to use this type of hoist crane. The function of the gantry crane is to lift the load from one point to another. The load being lifted is attached to a hook in the engine part of the hoist. Then the legs of the gantry crane will move on the rail.

Keywords : Mini Shipyard Workshop, Gantry Crane