Shipyard Increases Capacity & Flexibility With New EMH Overhead Crane

Features and Benefits

With its 10-ton capacity, the new EMH Overhead Bridge Crane has increased productivity and provided added flexibility for Great Lakes Shipyard.

Multiple shipyard teams can now work together simultaneously during fabrication processes.

The EMH Overhead Bridge Crane enables Great Lakes to quickly and easily place or remove large steel plates from the plasma-cutting table.

Industry Group:
CMAA

Two independently operated 5-ton lifts give the EMH overhead crane installation a combined capacity of 10 tons.

Great Lakes Shipyard recently installed a new overhead bridge crane in its main fabrication building. Built by Engineered Material Handling (EMH), the new overhead crane incorporates two independently operated 5-ton lifts, which gives the installation a combined capacity of 10 tons.

With Great Lakes existing single-lift 10-ton overhead bridge crane, the new EMH bridge crane addition dramatically increases their lift capacity while providing increased productivity and added flexibility. The reason, during any fabrication process, multiple teams can now work together simultaneously because the cranes can hold shell plating and large framing for vessel modules during the fabrication process steps. The new overhead bridge crane also allows Great Lakes to make quick and easy placement, or removal, of large steel plates from the plasma cutting table surface.

The new EMH overhead bridge crane was funded, in part, with assistance from a Maritime Administration (MARAD) small shipyard grant.

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