

Custom Built Load cells

Our strengths are our expertise and longtime experience.

We at EMHA specialize in the design and manufacture of high quality strain gauge transducers for a wide variety of client markets, to mention Oil & Gas, Port Equipment, Renewable Energy development, Dredging, Cranes and Winches, Civil Engineering, Heavy Industry and Industrial Markets.

Our wide range of products and excellent project management meet the highest requirements of the offshore, marine and industrial sectors.

Together with you, we continually develop new products to meet more stringent requirements and adapt to more complex applications.

All custom designed load cells are designed using the latest technology in modeling and Finite Element Analysis, and manufactured through our dedicated Process Quality Management System. Even the most adverse conditions have no negative effect or impact on our high-quality heavy duty products.

Our advanced load cell testing facility has a capacity up to 5400 kN compression and 1000 kN tension/compression, traceable to the National Standards.

Our in-house engineering team and product specialists are geared to provide custom design to almost all of your specific requirements for splash zone, sub- and deep-sea.

Our brief portfolio in customized solutions and proven products

- Load cells for Offshore Oil & Gas applications
- Load cells for Port & Industrial applications
- Load cells for Civil Engineering applications
- Load cells for Deep Sea applications
“Load monitoring in the depths of the sea is our highest ambition.” Exploring the limits of performance: We are there – down to 3,800 meters depth in seawater.

EMHA offers an extensive range of load cells for a wide range of measurement applications and weighing. Compression style load sensors comprise a spring element designed to be loaded at one point or area in compression.

Depending on your particular needs our in house engineering and design service work on the custom load cell range from simple modifications to complex projects.

Our capacities range from 1 tons up to 3000 tons.