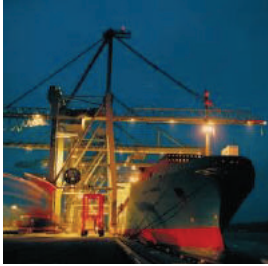


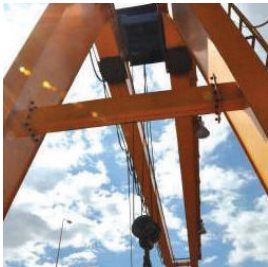
Yacht and Ship Weighing

Weighing Equipment & Solutions



Reliability

Baykon weighing modules and instruments are high-quality products designed to provide years of trouble-free service under heavy conditions of the sector.



Functionality

Yacht and ship weighing applications are offered with advanced functions or options that provide maximum sensitivity and benefit according to your needs.



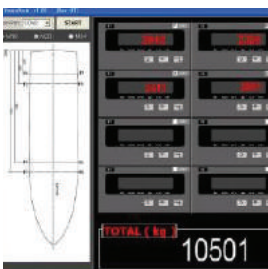
Modular structure

Maximum accuracy in monitoring of force distribution and weight at every stage of the production with the specially designed modules placed within the boat cradle.



Crane scales for heavy structural block

Weighing of heavy ship block by high capacity modules that are installed to the crane construction and transfer the weight data wirelessly.



Data processing

Monitoring the load in different sections of the yacht along with the total load and calculating centre of gravity.

Transferring data via RS232, RS485 or Ethernet, and saving to USB flash memory



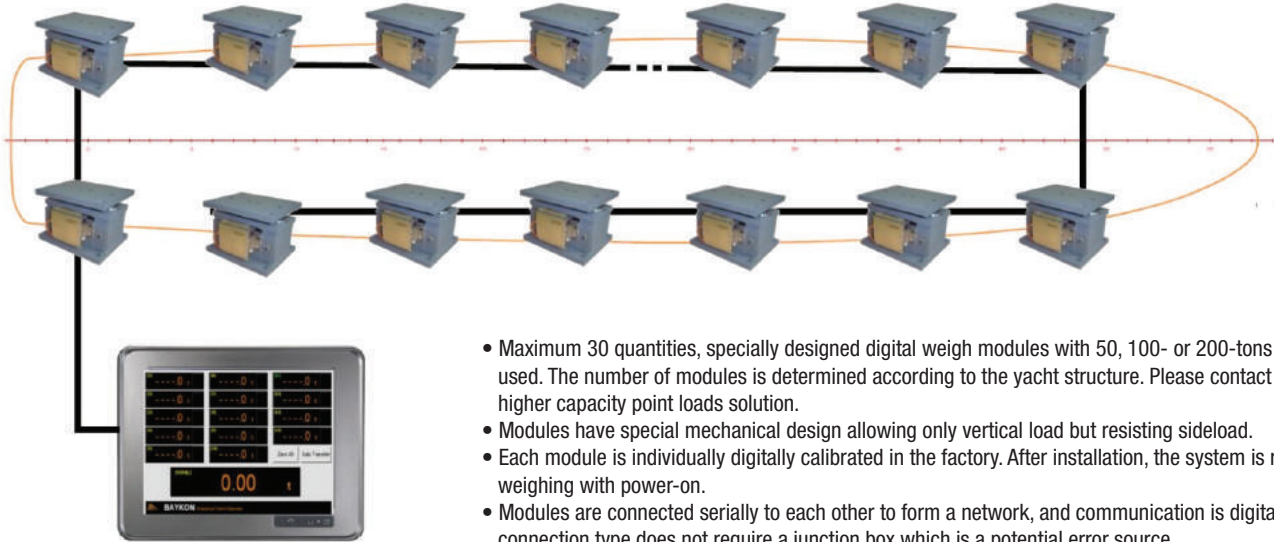
In shipbuilding, where high capacity weighing and demanding industrial measurement conditions are in general, using the well-equipped weighing systems with proven technology is one of the key factors in terms of efficient production, quality, cost, and delivery time

With more than 30 years of industrial weighing experience, BAYKON offers high-tech, outstanding products and solutions for the ship and yacht industry as well as all sectors of the industry. Yacht and ship weighing systems consisting of Baykon products specially designed for the sector, provide years of trouble-free service in shipyards with high precision, reliability, and ease of use.

In addition to the precision weight measurements of different sections of the vessel, our powerful software provides the center of gravity calculation, seamless integration with your ERP system, and saving data to USB flash memory

Typical Applications

A. Weighing by placing the weigh modules within the boat cradle



- Maximum 30 quantities, specially designed digital weigh modules with 50, 100- or 200-tons capacity are used. The number of modules is determined according to the yacht structure. Please contact Baykon for a higher capacity point loads solution.
- Modules have special mechanical design allowing only vertical load but resisting sideload.
- Each module is individually digitally calibrated in the factory. After installation, the system is ready for weighing with power-on.
- Modules are connected serially to each other to form a network, and communication is digital. This connection type does not require a junction box which is a potential error source.
- Each cable with braided steel sleeve and with military-type connectors is prepared according to the system requirements.
- The total load of the yacht and the load over each weigh module can be monitored separately from the operator panel.
- Center of gravity calculation feature is offered as an option

B. Weighing heavy blocks



- The system consists of two specially designed weigh module installed to the crane .
- Weigh modules transmit load values wirelessly to the indicator.
- It is designed for mobile applications and powered by a battery.
- Uninterrupted battery operation time is 12 hours. Battery charging level can be monitored in the display.

