



# HYDRA PRO<sup>®</sup>

M A R I N E C R A N E S

## APPLICATIONS



From Offshore Oil Platforms, Fuel Delivery Barges and Government Research Vessels to the harsh conditions of Alaska's Bering Sea Fisheries, Hydra-Pro Marine Cranes

provide operators with an unparalleled level of performance and reliability. Based in Seattle, Washington since 1993, our cranes have been shipped worldwide and can be found from the Bahamas to New Zealand, Africa to Russia and on both coasts of the United States. Many of our customers are repeat buyers, showing loyalty to a product that has proven itself dependable, low maintenance and long lasting in their applications. With over a decade of experience in marine cranes, shipboard machinery and systems, Hydra-Pro's reputation as a premier manufacturer of marine cranes is well deserved.

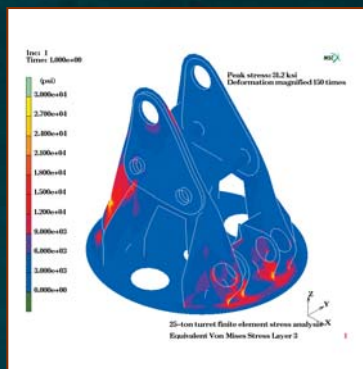
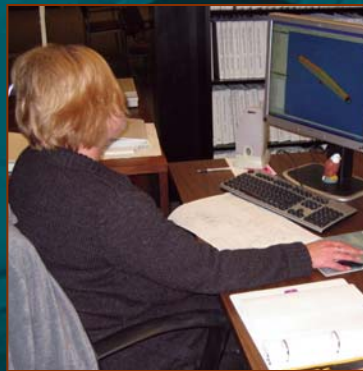


## DESIGN



Working closely with each customer, Hydra-Pro strives to design and manufacture cranes that are superior not only in quality, but also in suitability for the application. By utilizing

the most modern commercially available computer aided design tools and also our own proprietary calculation programs, we are able to design cranes to specific requirements. Wind speed, vessel trim, side load and dynamic factors are just a few of the parameters that can be adjusted within our program to match each Hydra-Pro crane to the intended use. The use of Finite Element Analysis programs further enhance the efficiency of our designs by indicating areas that may require additional strengthening while under load. Our advanced engineering ensures Hydra-Pro marine cranes meet or exceed USCG, ABS, DNV and API 2C standards.

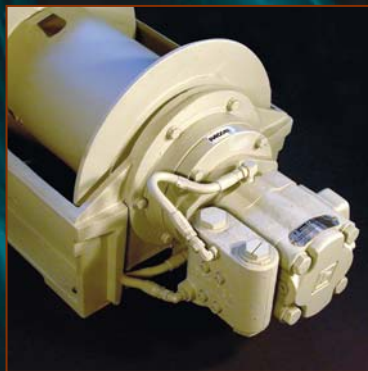


## MANUFACTURING



Our commitment to quality begins with our manufacturing facility where, with state of the art machinery and highly trained personnel, Hydra-Pro has moved crane production into the 21st century. Advanced purchasing and inventory control programs provide an organizational backbone from which orders for raw materials and components are placed. Computer controlled cutting machines are utilized to produce complex steel plate shapes with laser guided accuracy. Hydraulically driven multi-axis welding tables allow our certified welders to position each assembly for optimum weld quality and our large horizontal mill ensures perfect pin boss geometry on every crane produced. By manufacturing all structural crane components and hydraulic cylinders at our Seattle facility, Hydra-Pro is able to maintain very strict control of quality. We are an API-2C licensed facility and are ISO: 9001 certified.

## FEATURES



Designed to outlast and outperform the competition, Hydra-Pro Marine Cranes offer many innovative features and options. Specially designed bushings and bosses ensure long life and ductile iron cylinder pistons and headlands provide ease of maintenance, even after years of extreme service. All components utilized are from the leaders of each respective industry including Braden-Gearmatic®, Rotek®, and Walvoil®. Leading the way in advanced crane technology, we offer marine grade wireless crane controls and load cell/anti-two block devices that provide precise control and monitoring while allowing the operator complete freedom of movement. Regardless of an application's level of complexity, you can depend on Hydra-Pro to supply an integrated, turn-key package with the features to guarantee long life and optimum performance.

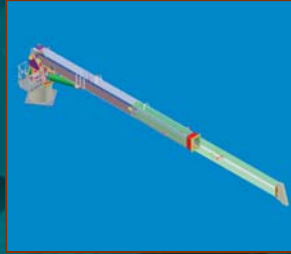
# MODELS

FIXED



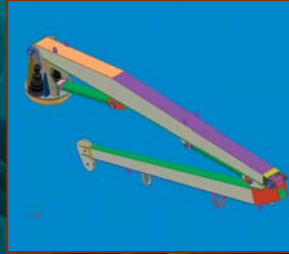
**F**

TELESCOPIC



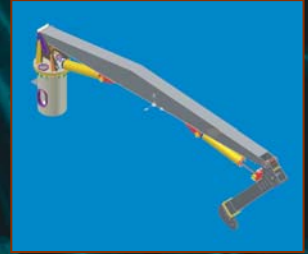
**T**

KNUCKLE



**K**

KNUCKLE-EXTENSION



**KE**

Model Numbering System

HP 50/15 KE

Maximum Reach | Ton Class | Configuration

## BOOM LENGTHS

CLASS	(FEET)	(METERS)
2 Ton	15-35	4.57-10.67
5 Ton	15-45	4.57-13.72
7/9/11 Ton	30-70	9.14-21.34
13/15/20 Ton	30-70	9.14-21.34
25/30/40 Ton	30-70	9.14-21.34
50/60 Ton	40-100	12.20-30.48
70/80 Ton	50-100	15.24-30.48
100 Ton	50-100	15.24-30.48
125 Ton	50-100	15.24-30.48
150 Ton	50-100	15.24-30.48
200 Ton	50-100	15.24-30.48



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