



SOLAS HYDRAULIC SERVICES

Powered towards solutions



Supply, Installation & Service

- Hydraulic System Design ●
- Hydraulic Auditing, Technical Support ●
- Hydraulic Training ●
- Components, Hoses, Fittings & Supply ●
- Supply, Installation and Commissioning of Marine Cranes ●
- Supply, Installation and Commissioning of Winches ●
- Inspection & Certification of Lifting Equipment ●

Powered towards

About Our Business

We are a leading global Marine Services Solution provider for Marine, Oil & Gas market segments for over 2 decades in Middle East Region. We have ventured to enter the Hydraulic Business for Marine, Oil & Gas Applications in Middle East.

Application Segments

We look into hydraulic solutions for the following applications.

- Ships - Shipyard - Ship Builders
- Cranes
- Oil Drill Rigs like Jack up Rigs – OEMS & Users.
- Jack up Barges.
- Boats
- Ship Unloaders
- Dredgers- Cutters suction & Trailer Suction Hopper Dredger



Marine Hydraulics

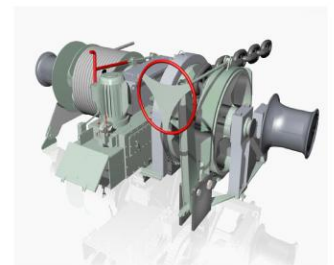
Thrusters
Steering Systems
Anchor Windlass (Any Hydraulic winches)
Hatches
Mooring systems
Davits
Deck Cranes
Automatic Heave Compensations
Propulsion



Heave Compensation

Controlling heavy loads under severe circumstances, going safely to deeper locations, or accurately positioning of loads on the seabed is a major issue for many Offshore contractors.

Major advantages of the MAHCS implemented in a winch system.



Hydraulic Power Pack Unit:

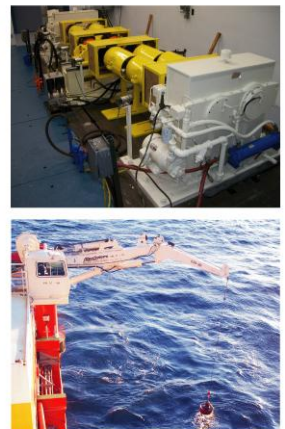
Designing, Fabrication, Assembly and Installing.



ards solutions

Offshore Hydraulics

Heave Compensation
Skidding
Deck mating
Jacking
Top Drive Technology
Blow off preventor



Deck mating

Transporting and installing offshore platforms is all about force and precision. Knowledge of the procedures and experience with often hostile maritime conditions is crucial.

Technology for elevating, transporting, positioning and installing extreme heavy loads. Worldwide float-over barges, floating cranes and special vessels have been equipped with hydraulic systems.

Jacking

Pumps, motors, valves, cylinders, manifolds, electronic controls and hydraulic power units power a wide range of jacking systems for self-elevating platforms. Hydraulics systems we support include:

- Positive engagement systems
- Rack & pinion systems
- Hydraulic systems
- Variable frequency drive concepts
- Active Heave Compensation



Skidding

A rig skidding system is one for load out skidding or a skiddable A-frame for a floating crane.

The concepts are diverse: hydraulic or electrical powered, motor or cylinder driven, with pins/claws, rack and pinions or gripper jack elements, modular or not, frostandard range or engineered for any requirements.



Drive Hydraulics for Rigs

- Drillstring compensators
- Wireline compensators
- Riser tensioners
- Production riser tensioners
- Rack & Pinion jacking systems
- Cylinder jacking systems
- Pin claw skidders
- Gripper jack skidders
- Modular deckmating units
- Modular active heave
- Compensation system

Dredger Hydraulics



Stationary suction dredger



Cutter suction dredger



Trailing suction hopper dredgers

Agencies



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