



Fluid Power Division



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



Leading solutions provider



Dredger Hydraulics



Stationary suction dredger



Cutter suction dredger



Trailing suction hopper dredgers

Services We Offer

- ◆ Complete New Hydraulic System Design/Review of existing systems, Power pack and piping layout drawings
- ◆ Hydraulic Auditing, Technical Support & Guidance during maintenance shutdown
- ◆ Basic, Advanced and Customized Hydraulic In-House Training Services of Hydraulic Systems & Components
- ◆ Supplies of Hydraulic Products Pumps, Valves, Cylinders & Complete System
- ◆ Supply of Hoses & fittings



Solas Marine Services

GROUP OF COMPANIES

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Branches

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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.



Offshore Hydraulics

- Heave Compensation
- Skidding
- Deck Mating
- Jacking
- Top Drive Technology
- Blow off Preventer



Deck mating

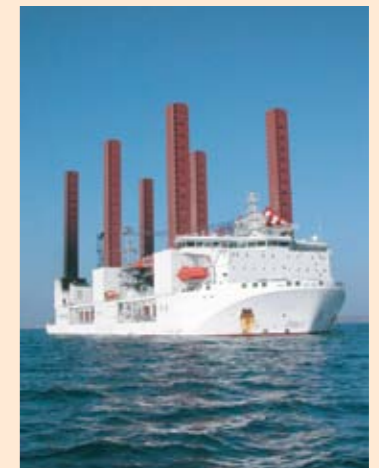
Transporting and installing offshore platforms is all about force and precision. Knowledge of the procedures and experience with often hostile maritime conditions is crucial.

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.

