



Motion Compensation for Semi-submersible Rigs



Sauer Compressors USA

Deep water drilling requires a rigid connection between the platform/drill-ship and the seabed. In order to keep on drilling in rough weather conditions, the movement of the derrick on the platform needs to be compensated. This compensation is done by wire-line or direct tensioning systems based on hydraulic systems and in order to keep the hydraulic pressure stable in the system, high pressure air or gas is used.

Application(s)

- Supplying an air or gas cushion on top of the hydraulic liquid

Customers

- OEM companies
- Drilling operators
- Shipyards
- Packagers



Suitable products SAUER

Series	Volume flow	Pressure range	Medium
<div> <div></div> <div>Hurricane</div> </div> <div> <div></div> <div>5000 series</div> </div>	82 scfm	3,000 – 4,600 psig	Air or Nitrogen

Customized Solutions

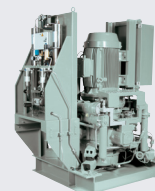
WP 5000 Offshore Module for Motion Compensation

5000 series – WP 5000 Basic

- Integrated adsorption dryer
- Compliant with NORSOK, DNV Offshore and ABS CDS 2011 Cat. 01
- Installed at over 100 offshore platforms already

Technical Data

Volume flow: 83 scfm
Max. pressure: 5,000 psig



5000 series

WP 5000

Offshore module
incl. adsorption dryer

Dependable up to 7,000 bar – anywhere, anytime, anygas.

Sauer Compressors USA
235 Log Canoe Circle
Stevensville, MD 21666

PHONE (410) 604-3142
E-MAIL sales@sauerusa.com
WEB www.sauerusa.com