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PRODUCTION A/S

Product & Operations Bulletin

Cathead

Future Production's Hydraulic Cathead is intended for installation on drill floor. The Cathead is used together with rig tongs to make up or break out tubulars as drillpipes and drill collars.

The Cathead can be operated from the drillers cabin, from a remote operated hydraulic control panel or from the directional control valve on the control stand or a combination of these subject to clients request.

The Cathead has a robust design with easy access for maintenance.

Application(s) Rig-Vessel suitability

The Cathead can be adapted to any drill floor. The wire pull, maximum swing sheave angle and stroke can be customized to suit client requirements. The hydraulic control unit are normally installed on a floor mounted bracket with good access for inspection and maintenance, but it can also be integrated in a closed cabinet upon request.

Operational & Optimisation Benefits

The Cathead is installed on drill floor, normally as a backup to reduce NPT in case of Iron Roughneck failure. The wire is attached to the rig tongs to transfer the wire pull to make up or break out the connection on tubulars. The wire pull (torque) can be pre-set from the operators cabin depending on make up torque and tong length.

There is also a padeye/ anchor point for backup tongs on the swing sheave.

Certification

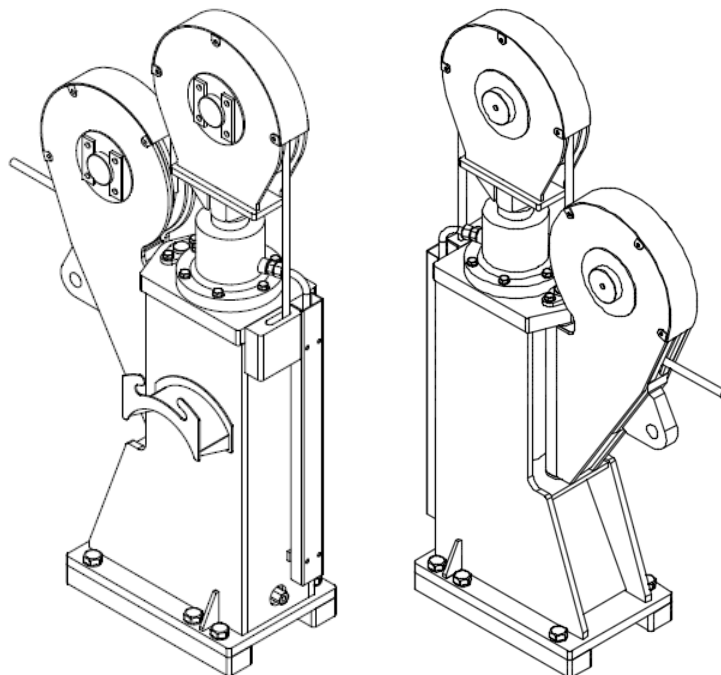
ISO 9001:2008 Quality Management Systems - Requirements

The system can be delivered acc. to:

DNVGL-OS-E101 Drilling Plant

ABS Guide for the Classification of Drilling Systems

Other(s) Customers Requirements



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Technical & Operational Data

Typical Service Weight (cathead)	725 kg (1600 lbs)
Material	Carbon steel and Stainless Steel
Painting System	NORSOK M501 System 1 or acc. to clients specifications
Hydraulic Oil Power Consumption	100 l/min at 210 bar
Typical max. wire pull	140 kN
Swing sheave angle	±35°
Wire Stroke	1,8 meters

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