



THE DECK MACHINERY SPECIALISTS

BP Magnus

Case Study – BP Magnus

Client: BP

Project: BP Magnus, UK

Scope of work: Manufacture of three deployment winches for installation on the BP Magnus Extension Programme

Date: 2005

Specification: 2 x 50te SWL Deployment Winches

- Designed to comply with DNV Rules for Lifting Appliances & ATEX 100A
- Wire Capacity: 435m of 52mm diameter wire rope
- ACE Geardrive (total displacement 105 ltrs/rev)
- DNV approved Hagglunds multi plate failsafe brake
- Lebus groove fitted
- Fully guarded
- Controls suitable for Zone II operation
- Controlled by ACE Winch Control System
- Powered by ACE 220Kw Zone II Iveco Diesel Hydraulic Power Unit



 **ACE Winches**
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Specification: 1 x 75te SWL Deployment Winch

- Designed to comply with DNV Rules for Lifting Appliances & ATEX 100A
- Wire Capacity: 480m of 60mm diameter wire rope
- ACE Geardrive (total displacement 160.7 ltrs/rev)
- DNV approved Hagglands multi plate failsafe brake Fully guarded
- Controls suitable for Zone II operation
- Controlled by ACE Winch Control System
- Powered by ACE 220Kw Zone II Iveco Diesel Hydraulic Power Unit (hired)



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Specification: 1 x 220Kw Zone II Iveco Diesel Hydraulic Power Unit (from ACE Hire Fleet)

- In compliance with ATEX 94/9/EC directive and European Harmonised Standard EN1834-1
- Housed within offshore type 20' shipping container
- 2 x 110Kw Iveco Diesel Engines
- 2 x Denison Goldcup P7 variable piston pumps



Specification: 1 x ACE Winch Control System

- Wire length and tension measuring system
- Speed control of each winch
- Optional synchronized control
- Emergency stop

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Manufacturing Process



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Spooling and Testing



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50te SWL Deployment Winches



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75te SWL Deployment Winch



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220kW Zone II Iveco Diesel Hydraulic Power Unit



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Quality goods delivered on time



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Successful project completion



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