



DECOM NORTH SEA JUNE 25th

- ❑ Established in 1996
- ❑ Engineering organisation delivering integrated solutions
- ❑ Hydraulic and mechanical specialists
- ❑ Purpose built facility in Kintore, Aberdeenshire
- ❑ Recognised provider of ATEX & Safe Area hydraulic equipment to the global energy sector



Who are Brimmond ?



Brimmond Group work globally to deliver safer, efficient and cost-effective engineered solutions.

- ❑ In-house design & engineering
- ❑ Bespoke engineering
- ❑ Rental equipment
- ❑ Wide range of testing procedures
- ❑ Service, maintenance and refurbishment
- ❑ Offshore technicians & operators
- ❑ Marine cranes
- ❑ Testing and load testing
- ❑ Equipment for offshore/onshore drilling
- ❑ Service, maintenance and refurbishment of drilling equipment
- ❑ Testing, surveying of drilling related assets



Decom – what we offer



Brimmond Group supply high quality rental equipment :

- Electric and Diesel hydraulic power units
- Pump packages
- Marine cranes and lifting equipment
- Spoolers, reelers & winches
- Pressure test equipment
- Flushing equipment
- Filtration equipment
- Subsea equipment
- Solids recovery system
- Auxiliary equipment



Rental Fleet



- ❑ Mechanical, subsea and hydraulic engineers
- ❑ Bespoke engineered solutions to meet our clients requirements.
- ❑ Complete engineering solution from concept/FEED to as-built unit



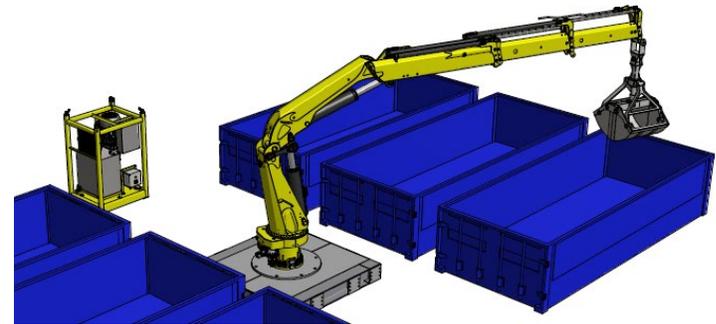
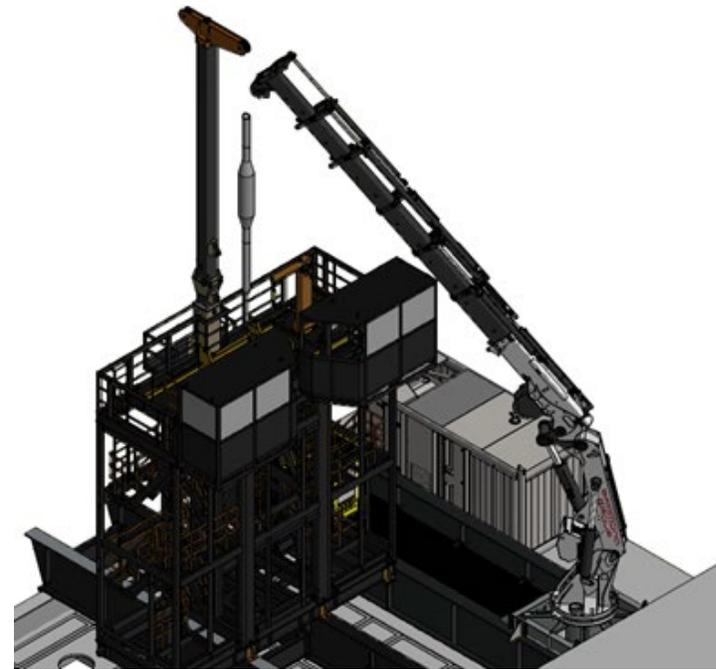
Engineering, Design &
Manufacture



Brimmond Group marine crane department

- Marine Crane spreads modified for decom related projects such as:
 - Mattress Recovery
 - P&A support
 - DWS deployment
 - <https://www.youtube.com/watch?v=BFDOvQbY1cE>

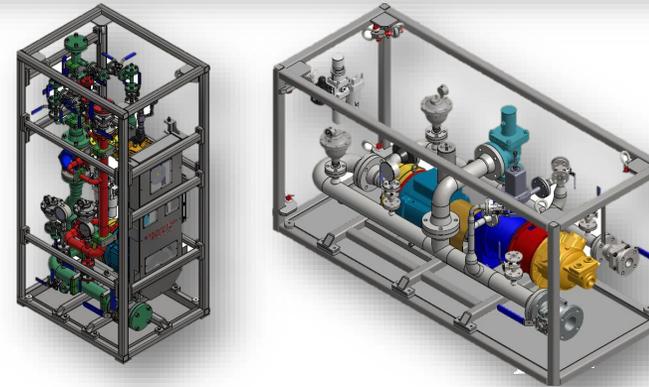
- ❑ Modular crane system can be disassembled into sections for reassembly offshore
- ❑ Wide selection of additional tooling for deck crane; including grabs, shears, diamond wire saws, subsea baskets and containers/skips
- ❑ Packages can be fully ATEX or safe area



Marine Cranes & Lifting Solutions

Attic Oil Recovery System

- ❑ Design, manufacture and testing of an ATEX Zone 1 attic oil recovery system for a global operator's decommissioning project.
- ❑ The three skid system consisted of:
 - duplex filtration skid with differential pressure gauge,
 - pneumatically powered pump skid
 - metering skid to which a multi-phase flow meter was fitted.
- ❑ Small footprint to safely lower the system 18 levels down the inside of a concrete production platform leg.
- ❑ Carried out extensive testing, including thermal imaging to test suitability for use within the hazardous environment, furthermore all wetted components certified to NACE MR0175.



Case Study 1

Bespoke DWS Hydraulic Packages



- ❑ Brimmond Group designed and built QTY 2.00 HPUs & QTY 2.00 control units
- ❑ Required to drive a 240" Diamond Wire Cutting Machine for the Murchison Decommissioning Project.
- ❑ Scope of work was to design and build a control panel for each of the HPUs.
- ❑ The diamond wire cutting machinery was used to cut the legs of the Murchison platform required as part of the topside removal process.
- ❑ One set of HPU and control unit was designed for Atex Zone 1 Hazardous environment and the other HPU and control unit for a safe area, with HPU and control panels to DNV 2.7-3.

Case Study 2

Mattress Recovery Project Deck Crane



- ❑ Deck knuckle crane with sole purpose of stacking the recovered mattresses
- ❑ Stacked on deck in an effective, efficient and safety orientated manner
- ❑ Hook mounted directly to marine crane jib (not via winch wire) which greatly reduced any dangerous pendulum swing risks
- ❑ Larger vessel crane could focus on mattress removal from the seabed
- ❑ helped achieve results in a specific set client project timeframe period
- ❑ 286 mattresses were recovered over a 40 day period including the port offloads



Case Study 3

Summary:

- ❑ Delivering bespoke integrated solutions
 - From the purchase and hire of equipment to the design and manufacture of project specific equipment

- ❑ Brimmond Group hope to be considered for any future Decommissioning projects requiring equipment

- ❑ DEMO DAY : Thursday 27th June 2019 (11.00am - 3.00pm)

THANK YOU

Summary