

B.M.E.UK.LTD.

BORLAND MARINE ENGINEERING LTD.

WWW.BMEUK.CO.UK

**ZONE I / II / RIG SAFE / ATEX
50-750 CFM COMPRESSOR.
7-10 BAR
DNV 2.7-1 CRASH FRAME / ENCLOSER**



DESIGN
MANUFACTURE
MAINTENANCE

BME UK.

At Borland Marine Engineering we specialize in designing and manufacturing of equipment to meet the customer's needs

Borland Marine Engineering has over 50 years of combined engineering knowledge to ensure that the customer gets exactly what they require.

The BME engineering and technical team carries out intensive research and development to ensure that the units comply with all current legislations.

- DNV 2.7-1
- ATEX
- ZONE I AND II
- NORSOC



NEVIS BUSINESS PARK
BALGOWNIE ROAD
ABERDEEN
SCOTLAND
01224 825320

Pneumatic solutions that work for your business.

BME UK ENSURES THAT THE END PRODUCT IS EXACTLY WHAT YOU ORDERED BY HOLDING PROJECT PLANNING MEETINGS PRIOR TO BUILD.

Typical unit lay out.

BME UK runs a strict quality and feedback system fully complying with ISO 2001

All design and manufacturing procedures are carefully managed and controlled

BME runs a strict NCR policy that ensures continuous improvement methods

BME only purchases from fully approved vendors

MAIN FRAME / ENCLOSURE

DESIGN.

All frames / enclosures are designed to meet the needs and sizes of the end application and environment. The steel is normally 50dd box section (SHS) the minimum wall thickness is 6.3mm. This complies with the BS EN 12079 build regulations that are standard throughout the oil and gas industry

All frames are load tested to 2.5 times over the safe working load.

The coating is a typical 3 coats system..

COMPRESSOR LAYOUT

All BME UK compressors are designed to exactly the specification that you require.

The normal lay out would be, Engine – motor connecting to the compressor end through a closed coupling. The compressors will have oil and air coolers fitted as standard.

The build specification will determine the style of system protection and shut downs attached.

All compressors come with control panel – discharge manifold – oil – Temp – high and low air shut downs.

All styles of builds can be enclosed and made tropical.

Ingersoll-rand

Solair- compressors are our main suppliers.

DRAWING AND DESIGN

ALL DRAWINGS ARE CREATED BY BME

THE TECHNICAL AUTHORITY IS YOUR CHOICE. (DNV-BV-LLOYDS)

FULL DESIGN PACKAGE DELIVERED WITH PRODUCT

ZONE I

All electrical components are purchased with great care, ensuring they comply in full with the Zone I regulations. The control panel holds all the shut downs and emergency stop systems.

Zone II

Should the customer require a Zone II build, then BME would Purchase the customers preferred diesel drive, the drive would then be fitted with the PYROBAN flame kit. This will be fitted by the technical team and will depend on the chosen drive.

ATEX

ATEX 94 will give the customer the highest level of build quality. It will allow the unit to work on a global market. The end release documents will carry a full ATEX design review and risk assessment..



BME UK WANT TO DESIGN – MANUFACTURE AND MAINTAIN YOUR UNITS, ASK THE QUESTION “PLEASE”

Call the office or email- sales@bmeuk.co.uk BME will be delighted to assists in your needs for Pumping solutions..