

**DATASHEET - ZONE 2 DIESEL DRIVEN AIR COMPRESSOR 375 CFM @ 10.5 BAR**



**GENERAL DESCRIPTION:-**

The diesel driven compressor pack will be designed and built to meet the requirements of the following guidelines and standards.

The principal of protection and operation is, to limit all surface temperatures below T3, IIA, 200°C and provide automatic shutdown of the engine when engine safety parameter is abnormal. The product will be designed for operation in an ambient temperature +45°C.

**External Configuration:**

This compressor unit is suitable for onshore and offshore operations. It is configured to operate as a stand alone unit. It may be truck or trailer mounted.

Comprising of an DNV 2.7-1 Offshore Lifting skid/frame. Supplied with a 4-Point Lifting Sling.

**Engine/Compressor Configuration:**

Make : JCB Dieselmax  
Engine model : 444TCA-E  
Available power (Gross) : 93kw @ 2200 rpm

Free air delivery : 375cfm  
Normal working pressure : 10.5 Bar

- Pyroban Zone 2 kit
- Local control panel with all engine/zone 2 gauges.
- Air starting.
- Standard starting and stopping arrangement.

Engine is closed couple with Atlas Copco compressor, or equivalent maker 375 CFM, 10.5bar compressor. Attached with all require loading valve, Air cooling (Radiator style) for compressor oil cooling device.

**Engine Starting Details:**

Air Starter Unit.

**Skid/Canopy Details:**

Unit is enclosed in a weather sound-reduction Enclosure.

**DNV 2.7-1 Skid General Structure:**

Certified DNV2.7-1 Offshore Lifting Skid. Integrated Forklift pockets into frame structure. Pollution Control drip pans with drain plugs are integrated into base of frame structure.

**Painting/Finishing:**

High quality single color offshore paint coating system. Paint application shall be sandblasted and finished with epoxy paint, one primer coat and two tops coat.

**Dimensions and Weight:**

Dimension: 3500L x 1800W x 2198H  
Gross Wt: 6000kgs

