

Portable air compressor skid

1. Overview

The portable air compressor skid mainly supplies stable, clean, dry and high quality compressed air.

The compressed air directly produced by screw air compressor contains large amount of moisture, slight oil and dust, which can't be directly used in situations for clean and dry air, and the compressed air needs post treatment. The air compressor skid has the above functions. It mainly composed of air compressor, air dryer, air tank, skid frame, manifold and pressure relief system, widely used in situations with high requirements for compressed air, such as engine air start, pneumatic tools and dry cement mixing.

The adoption of diesel engine drive moveable air compressor is convenient for moving and applicable for operation in the fields and remote oil field.

2. General specification

Operating environment: below 5000m

Applicable temperature: -20°C ~ 40 °C (can adopt insulation box under low temperature)

Air compressor displacement: 11.1m³/min

Working pressure: 0.7MPa

Air tank capacity: 1.5m³

Discharge pressure: 0.7MPa

Regulated pressure: 0.1MPa ~ 0.35 MPa

Pressure dewpoint: ≤2 ~ 10°C

Oil content in outlet air: ≤0.01ppm

Dust particle size in outlet air: ≤0.01μm



3. Configuration

1. Air compressor: ATLAS XAS186Dd

2. Air dryer: high temperature air cooling refrigeration dryer, model: RD-13HA

3. Air tank: 1.5m³, model C-1.5/8

4. Pressure relief valve: piston pressure relief valve, model Y43H-16Q

5. Precision filter: Model FC13-D filtering precision 3μ, oil-mist removal rate 40%

Model FT13-D filtering precision 1μ, oil-mist removal rate 70%

Model FA13-D filtering precision 0.01μ, oil-mist removal rate 99.99%

