



## Professional Grade Piston Air Compressor with 8BAR Work Air Pressure and Big Striking Force HERIBIGER Valve

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-YSJ
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Wooden case
- Delivery Time: 30 Work days
- Payment Terms: T/T
- Supply Ability: 100000pcs/year



#### Product Specification

- Rated Displacement: 1.8-3.5 M3/min
- Working Pressure: 5bar
- Lubrication Style: Lubricated
- Item: Air Compressor
- Motor Rotation: 1170rpm
- Speed: 790 R.p.m
- Feature: Big Striking Force
- Valve: HERIBIGER
- Highlight: **Big Striking Force Piston Air Compressor,  
8BAR Piston Air Compressor,  
HERIBIGER Valve Piston Air Compressor**

## Product Description

### Product Description:

The reciprocating compressor is a mechanical device that compresses gas using reciprocating motion (usually through a piston). It is widely used in various industrial and commercial cooling systems, including refrigeration, air conditioning, and gas compression. Reciprocating compressors are suitable for applications that require high pressure and high efficiency due to their stable performance and strong gas compression capabilities.

### Features:

#### Simple Structure

The main components of the piston compressor include cylinder, piston, crankshaft, connecting rod, valve, and seal, which has a simple structure and is easy to maintain.

#### High Pressure Output

It can achieve a higher gas compression ratio in a smaller volume, which is suitable for occasions requiring higher pressure.

#### Adjustable Displacement

By adjusting the stroke of the piston or changing the number of cylinders, the exhaust volume can be adjusted to meet the needs of different loads.

#### High Efficiency

Especially under stable load conditions, the compression efficiency of the piston compressor is high, which can effectively improve the energy efficiency ratio.

### Technical Parameters:

Parameter	Value
Motor Rotation	1170rpm
Working Pressure	5bar
Series	LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
Phase	Single, Three
Power Type	Diesel
Valve	HERIBIGER
Lubrication Style	Lubricated
Feature	Big Striking Force
Tank Capacity	20 Gallons
Work Air Pressure	8BAR

### Applications:

The refrigeration industry extensively utilizes piston compressors in commercial and industrial refrigeration systems. These compressors are commonly found in large cold storage units, refrigerators, and air conditioning systems, particularly in low and medium temperature applications.

In air conditioning systems for both commercial and residential settings, piston compressors play a crucial role in compressing and circulating refrigerants to maintain the desired cooling effect.

Piston compressors are also prevalent in air compressors for generating compressed air used in pneumatic tools. They are widely employed in various industries such as factories, construction sites, and automobile repair shops.

For the transportation of gases like natural gas, nitrogen, and hydrogen, piston compressors are essential for effectively compressing these gases to the required pressure levels, facilitating their safe and efficient transportation.

Within the oil and gas industry, piston compressors are utilized in the pressurization and transportation of natural gas, where they are invaluable for compressing high-pressure gases as part of the operational processes.

### Support and Services:

Our Product Technical Support and Services for the Piston Air Compressor include:

- Troubleshooting assistance for any operational issues
- Guidance on maintenance and care to ensure optimal performance
- Product training and resources for users
- Assistance with parts replacement and repairs



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