



## Durable And Versatile Scroll Compressor Air Compressor Machine With Stationary Configuration

Our Product Introduction

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### Basic Information

- Brand Name: DM
- 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

- Transmission Way: Belt Driven
- Motor Speed: 1750 RPM
- Configuration: Stationary
- Power Type: Diesel
- Control: Micro PLC Controller
- Tank Orientation: Vertical
- Frequency: 50/60 Hz
- Pressure: 8 Bar
- Highlight: **Durable Scroll Compressor Air Compressor, Stationary Configuration Scroll Compressor Air Compressor, Versatile Scroll Compressor Air Compressor**

## Product Description

### Product Description:

#### Crankshaft

The crankshaft is a vital component in an engine that converts the linear motion of the pistons into rotational motion. It plays a crucial role in the overall functioning of the engine.

#### Connecting Rod

The connecting rod connects the pistons to the crankshaft and helps to convert the linear motion of the pistons into rotational motion.

#### Valve System

The valve system in an engine controls the flow of air and fuel into the cylinders and the expulsion of exhaust gases, playing a key role in the combustion process.

#### Bearings

Bearings are crucial components in an engine that support and reduce friction for moving parts such as the crankshaft, connecting rods, and camshaft.

#### Lubrication System

The lubrication system ensures that engine components are properly lubricated to reduce friction and wear, thereby extending the engine's lifespan.

#### Cooling System

The cooling system in an engine helps regulate the operating temperature by dissipating excess heat, preventing the engine from overheating.

#### Flywheel

The flywheel is a mechanical device in an engine that stores rotational energy and helps to maintain a consistent speed when the engine is running.

#### Oil Pump

The oil pump is responsible for circulating engine oil to lubricate moving parts, reduce friction, and dissipate heat within the engine.

#### Gaskets and Seals

Gaskets and seals are essential for preventing leaks and maintaining proper compression in the engine, ensuring efficient operation.



### DM-Piston/Reciprocating Compressor



**DM** piston/Reciprocating-type compressor is a robust and reliable solution designed for various refrigeration applications, especially in cold storage and industrial cooling systems. Utilizing a reciprocating mechanism, this compressor delivers consistent performance with high compression efficiency. Its durable cast iron structure ensures long-term operation under demanding conditions, while advanced valve technology enhances energy efficiency and reduces vibration. Suitable for both medium and low-temperature environments, the piston compressor is favored for its simple maintenance, stable operation, and adaptability to different refrigerants, making it an ideal choice for dependable refrigeration systems.



### Features:

1. Can achieve high compression ratios, making it suitable for high-pressure applications.
2. Used in various industries, including refrigeration, air conditioning, and gas compression.
3. Maintains good efficiency even under varying load conditions.
4. Robust design ensures long service life with proper maintenance.
5. Simple structure allows for convenient servicing and replacement of parts.
6. Can compress different types of gases, including air, refrigerants, and industrial gases.



### Technical Parameters:

#### Main Parameters

**Displacement Volume:** 12.2-54m³/h

**Crankcase Heater:** 120kw

**Refrigeration Oil:** Suniso 3gs

**Weight:** 35-175kg

Normal Power: 2.2-50HP



## Applications:

### Applications of Piston Compressors:

**Refrigeration and Air Conditioning:** Used in household refrigerators, commercial freezers, and HVAC systems.

**Industrial Manufacturing:** Provides compressed air for machinery, tools, and automation systems.



## Packing and Shipping:

### Product Packaging:

The Scroll Air Compressor is carefully packaged in a sturdy cardboard box to ensure safe transportation. The compressor is securely nestled within the box and protected with ample cushioning materials to prevent any damage during shipping.

### Shipping Information:

Once your order is processed, the Scroll Air Compressor will be packaged and shipped within 1-2 business days. We use a reliable shipping service to deliver your compressor safely and efficiently to your designated address. You will receive a tracking number to monitor the status of your shipment.

## FAQ:

**Q: What is the brand name of this air compressor?**

A: The brand name of this air compressor is DM.

**Q: What is the model number of this air compressor?**

A: The model number of this air compressor is DM-YSJ.

**Q: Where is this air compressor made?**

A: This air compressor is made in China.

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