

High Pressure screw compressor

Application Filed

- Drilling&tunneling project
- Petrol&Chemical project
- Piping,vessel pressure test
- PET/PP Blowing



high pressure rotary screw compressor



Excellence performance air end

- Germany GHH or baosi third generation asymmetric rotor technology
- Screw rotor with SKF bearing by special heat treatment process
- Air end and motor elastic connection, low noise, high transmission efficiency, no wearing parts.

High efficiency permanent magnet motor

- Wide speed range
- Low noise
- Large starting torque

The main parts of the joint are SS304

- Don't produce corrosion, to ensure longer service life

Stainless steel 316 plate cooler

- The interior don't produce corrosion, small size, well cooling effect.

Built in multi stage water and oil separator

- ISO8573-2 standard
- Oil content less than 0.01ppm

High Pressure screw compressor

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Quality.Our DNA



New structure air filter

- Folding type design, enlarge filter's area, low pressure drop and longer service life.
- Composite core design, the efficiency of dust remove is 99.99%, reduce the mechanical wear.
- With differential pressure monitoring, timely remind maintenance, to ensure the stable operation of the compressor unit.

Oil&air separator with built-in core

- Folding type design, enlarge filter's area, low pressure drop and longer service life
- Composite core design, compressed air oil content less than 0.3ppm

Independent oil filter of high and low pressure stage

- Easy to do the maintenance
- 10um filtering accuracy, greatly reducing the mechanical wear and improve the use of long life
- With differential pressure monitoring, timwly remind maintenance, to ensure the stable operation of the compressor unit.



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- **Full intelligent computer control system**
- Large colorful touch screen, system flow and state interface at a glance, easy to operate, intelligent.
- Multi point PLC control and monitoring system, combined with the inverter PID control system, provide a complete, intelligent control, protection and energy saving.
- Phase sequence, short circuit, locked rotor, missing phase, over load, unbalance and over voltage protection.
- High temperature and pressure protection for cooling water.
- Filter clogging, sensor failure alarm protection, fully meet the needs of the continuous operation under the unmanned guard exclusive development of multi speed control procedure, according to the equipment to adapt to changes in the amount of compressed air, not to discharge excess compressed air. The balance of maximum air flow and power consumption is also included.
- RS-485 and remote start and stop function.