



Global Fluid Dynamics

Air Compressors





Global Fluid Dynamics

Assembly shop



The main products and business covers ten series of areas

General industrial enterprises:

First-level Energy Efficiency Frequency

Permanent magnet frequency conversion

Two-stage compression fixed micro-oil screw air compressor

- ◆ The power range is from 55KW to 560KW
- ◆ Air volume range 10 cubic minutes - 120 cubic minutes
- ◆ The pressure range is from 0.6mpa to 2.5mpa
- ◆ The voltage range is 380V, 660V, 6000V, 10000V etc
- ◆ Air-cooled or water-cooled





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2.Textile & pneumatic conveying and other industries:

Single stage compression

Low pressure oil screw air compressor

- ◆ Pressure range 0.15MPa to 0.4MPa,
- ◆ Power range 30Kw to 315Kw
- ◆ Gas capacity range 11m³ / min to 100 m³ / min
- ◆ Permanent magnet frequency conversion, air-cooled or water-cooled, voltage optional



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3. Chemical fiber

Cement/glass products steel/paper and other industries:
two-stage compression, low pressure oil

- ◆ Pressure range 0.45MPa to 0.55MPa
- ◆ Power range: 37Kw to 375Kw
- ◆ Gas capacity range 10 m³/min to 120m³/min
- ◆ Power frequency or permanent magnet frequency conversion
- ◆ Air-cooled or water-cooled
- ◆ Voltage optional





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4. Oil-free screw blower

It is suitable for gas conveying or compression, pneumatic conveying of powder, loose solid and ash powder, aeration of sewage tank, cement mixing, vacuum for mining in glass industry, gas air mixing equipment, wire blowing applications in non-woven fabric production, etc

- ◆ Power range 11KW to 450KW
- ◆ Gas capacity range 3m³/min to 200m³/min
- ◆ Pressure range 40KPa to 200KPa
- ◆ Power frequency or permanent magnet
- ◆ Voltage optional



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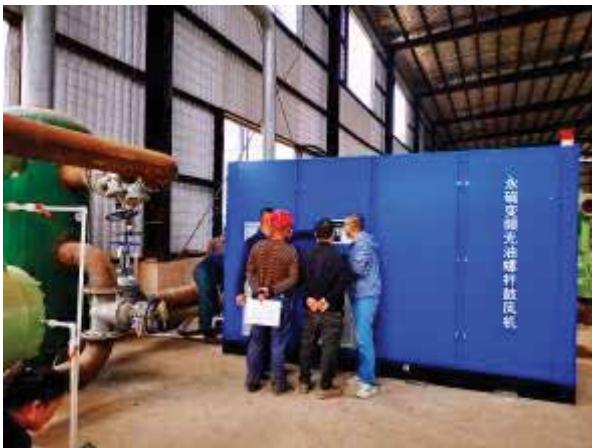
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5.Dry oil-free screw compressor

Widely used in: food and beverage, biomedicine, tobacco, chemical, lithium battery, new materials, electronics, semi conductor, paper printing, flavor, automotive industry and other fields.

Power range 45Kw to 315Kw

Gas capacity range 10m³/min to 80m³/min

Pressure range is 0.25MPa to 1.0MPa

Power frequency or permanent magnet frequency conversion

Air-cooled or water-cooled

Voltage optional



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6. Industry specific
vehicle wet spray machine
shield machine
plateau machine
boring machine, etc.



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7. Export. non- standard, skid and other custom models

With American standard ASME, European standard PED, Australian standard AS, Japanese standard JIS, Singapore MOM, Canada CRN, Malaysia DOSH and "U", "S", "NB" steel seal and certificate.



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8. Mobile air compressor for engineering, mining and construction

- ◆ Electric mobility
- ◆ Power range 75Kw to 250Kw
- ◆ Gas capacity range 10m³/min to 30m³/min
- ◆ Pressure range: 0.8MPa to 2.5MPa

Wood movement

Power range 110Kw to 412Kw

Gas capacity range 10m³/min to 35 m³/min

Pressure range: 0.8MPa to 3.5MPa



9. Integrated air station, nitrogen station

- ◆ Power 37Kw to 280kw
- ◆ Exhaust capacity 6m³/min to 60m³/min
- ◆ Pressure range 0.6MPa to 1.3MPa.
- ◆ two-stage compression power frequency or permanent magnet frequency conversion
- ◆ Built-in dry machine, suction machine, three-stage filtration, nitrogen machine, gas storage tank
- ◆ Air-cooled or water-cooled
- ◆ Optional voltage



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10. Contract energy management

- ◆ Construction of first class energy efficient air pressure
- ◆ Production, operation and maintenance of energy efficiency air compressor station equipment
- ◆ Internet of Things technology air compress or operation management
- ◆ Remote monitoring and management of PC and mobile devices



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