



Yixing Aipu Air System Equipment Co., Ltd

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Durable industrial grade air compressor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: KJ
- Minimum Order Quantity: 1PC
- Price: negotiable
- Packaging Details: container
- Delivery Time: 10
- Payment Terms: tt
- Supply Ability: 10000t/y



Product Specification

- Exhaust Pressure: 0.8-1.25Mpa
- Displacement: 0.36-0.9m³/min
- Type: KJ Piston Air Compressor
- Power Source: Electric
- Motor Power: 3-7.5kW

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Product Description

Product Description:

The KJ series is a mobile, air-cooled piston air compressor carefully crafted by Kaishan Group. It inherits decades of technical accumulation and manufacturing experience in the field of compressed air from Aipu, designed specifically for working environments that require continuous and reliable gas sources. Whether driving pneumatic tools, performing spraying operations, or serving as a power source for small production lines, the KJ series can provide strong and stable power support, making it an indispensable partner in your production and operation.

Core advantages:

1.Extraordinary durability and reliability

High strength core components: Made of high-strength cast iron crankshafts, connecting rods, and cylinders, which have undergone precision machining and heat treatment, possessing extremely high wear resistance and fatigue strength, ensuring stable operation of the host under long-term heavy loads.

Heavy duty design: The body structure is stable, and the low-speed design reduces wear and heat accumulation, significantly extending the service life of the equipment. The average time between failures far exceeds industry standards.

2.Efficient compression system

Optimize piston ring design: Using self-lubricating piston rings made of special materials and low friction design, effectively reducing internal leakage, improving volumetric efficiency, ensuring sufficient gas production, and lower energy consumption.

Efficient cooling system: Large capacity, large-area heat dissipation fin design, combined with optimized cooling air ducts, ensures that the machine can maintain good heat dissipation even in high temperature environments, avoiding performance degradation or shutdown caused by overheating.

3.Easy to operate and maintain

Humanized control: Clear instrument panel (pressure gauge, switch, etc.) centralized layout, easy and intuitive operation. Automatic unloading start to reduce the starting load of the motor.

Easy to maintain: The side or top opening box board design makes daily inspection, oil and air filter replacement and other maintenance work within reach, greatly reducing maintenance costs and time.

4.Wide applicability

We offer a variety of power options and pressure levels (such as 0.8MPa, 1.0MPa, 1.25MPa) to flexibly match the specific needs of different industries and application scenarios.

Technical Features:

Drive system: Equipped with an explosion-proof motor with high efficiency and high starting torque, it starts smoothly, has strong power, and is suitable for frequent start stop working conditions.

Transmission system: It adopts durable belt transmission or direct transmission (depending on different models), with high transmission efficiency, relatively low noise, and easy adjustment of pressure and flow rate.

Safety protection: Equipped with multiple protection devices such as automatic pressure switches and safety valves, it effectively prevents overpressure operation and ensures the safety of equipment and personnel.

Gas storage tank: Equipped with high-quality carbon steel gas storage tanks that meet national pressure vessel standards, the interior has undergone anti-corrosion treatment to effectively store compressed air and separate condensed water.

Product Selection Table:

No.	Model	Power Hp/kw	Cylinder DLA x QTY	Displacement m³/min	Maximum pressure Mpa	Air tank m³	Dimensional size Length x Width x Height	Weight kg
1	KJ-100	10/7.5	Φ90×3	0.9	0.8(8)	0.19	1450×550×1060	240
2	KJ-75	7.5/5.5	Φ80×3	0.67	0.8(8)	0.135	1450×550×1030	215
3	KJ-40	4/3	Φ65×3	0.36	0.8(8)	0.11	1220×550×900	125
4	KJH-100	10/7.5	LP90×2 RP Φ80×1	0.8	1.25(12.5)	0.19	1450×550×1030	225
5	KJH-75	7.5/5.5	LP80×2 RP Φ65×1	0.6	1.25(12.5)	0.135	1450×550×1060	205

Applications:

Manufacturing industry: automotive maintenance, parts manufacturing, sheet metal processing, assembly production lines.

Construction industry: Drive pneumatic picks, nail guns, spraying equipment, concrete vibrators.

Chemical industry: instrument control, material conveying, mixing.

Other fields: woodworking machinery, packaging machinery, mining, and any other applications that require stable compressed air.

The core value brought to customers:

For customers who pursue practicality and efficiency, the core value of KJ piston engine lies not in its cool technology, but in its ability as a production tool to complete its job in the most economical, worry free, long-lasting and reliable way. It is the 'basic air pressure' for all production activities and the 'silent engineer' that you don't need to worry about.

1.The KJ series adopts mature technology and durable core components (such as cast iron body and low-speed design) that have been validated in the market for decades, with the core goal of maximizing the reduction of failure rate. This means that your production plan will not be disrupted by gas supply interruptions, and your construction progress will not be delayed due to equipment downtime. It may not be the most powerful, but it is definitely the guarantee you can rely on and have the highest attendance rate.

2.The KJ series achieves the lowest comprehensive usage cost of equipment throughout its entire lifecycle through a combination of "affordable initial investment+economical daily maintenance+low accessory costs+controllable energy consumption". You have obtained a device that truly saves money. It makes your cash flow healthier (with low initial investment), makes your operating budget more controllable (with clear maintenance costs), and ultimately brings you a higher return on investment.

3.The design philosophy of the KJ series is 'simplicity is reliability'. It can be operated without complex training, and daily maintenance (such as changing oil and cleaning filters) is simple and fast. The universal accessories make the maintenance threshold and cost low. You don't need to equip it with professional technicians, freeing up your valuable manpower and management energy. You can focus on your core business instead of being tied up by a 'delicate' device. It is a 'emotionless' existence - it works when needed, and you don't have to worry about it when not needed.

4.The KJ series offers a wide range of model choices from mobile to fixed, from low flow to medium flow, allowing it to flexibly adapt to various scenarios such as automotive repair, manufacturing, construction, agriculture, and more. It is capable of handling both fixed workshops and mobile construction sites, as well as main business and temporary projects. This provides you with the flexibility and confidence to expand your business, as one device can support your ever-changing or growing business needs.

Support and Services:

The KJ series piston air compressor is a classic product that has been validated in the market for a long time. It may not have the extremely high energy efficiency regulation like variable frequency screw machines, but its outstanding features of simple structure, sturdy durability, and low purchase and maintenance costs make it still the most economical and practical choice in many industrial application scenarios. Choosing the KJ series means choosing a durable and reliable industrial power guarantee.

Packing and Shipping:

Product Packaging:

The Piston air compressor comes in a sturdy cardboard box with the product image and specifications printed on the outside. Inside, the product is securely packaged with foam inserts to prevent any damage during transportation.

Shipping:

We provide transportation services for Piston air compressors worldwide. Our standard shipping time is 3-5 business days. For expedited shipping, please contact our customer service team. We ship via trusted carriers such as UPS, FedEx, and USPS and provide a tracking number for your convenience.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Aipu.

Q: What is the model number of this product?

A: The model number of this product is Piston air compressor.

Q: Where is this product made?

A: This product is made in China.

Q: Does this product have any certifications?

A: Yes, this product is certified by CE.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1pc.

Q: Is the price of this product negotiable?

A: Yes, the price of this product is negotiable.

Q: What is the packaging details for this product?

A: The packaging details for this product is container.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 10 days.

Q: What are the payment terms for this product?

A: The payment terms for this product is TT.

Q: What is the supply ability of this product?

A: The supply ability of this product is 10000t/y.



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