



Mobile Screw Air Compressor 0.5-2.5Mpa Diesel/Electric 50-400HP

Our Product Introduction

Basic Information

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



Product Specification

- Exhaust Pressure: 0.5-2.5Mpa
- Displacement: 2.4-65m³/min
- Type: Mobile Screw Air Compressor
- Power Source: Diesel Engine/electric Motor
- Diesel Engine Power: 50~400 HP
- Motor Power: 37-355kW
- Highlight: **mobile diesel air compressor 50-400HP, electric air compressor 0.5-2.5Mpa, portable screw air compressor with warranty**

Product Description

Product Description:

Aipu mobile screw air compressor is an efficient and durable air compression equipment designed specifically for complex working conditions such as field operations, mining, and construction. Adopting advanced screw host technology and intelligent control system, it has the characteristics of energy saving, high efficiency, convenient mobility, stability and reliability, meeting the needs of different industries for compressed air.

LG series:

SKY patented screw host

Patent rotor profile, highest efficiency, heavy-duty design, SKY bearings, direct drive, energy-saving principle, innovative design.

Dedicated engine with strong power

Equipped with heavy-duty specialized diesel engines such as Yuchai and Cummins, it achieves the best combustion state throughout the entire engine operation range, making the product more reliable, powerful, and fuel-efficient.

Multiple air filtration system

Effectively preventing the impact of harsh dust environments on the engine, the precision filter layer of the main air filter filters out the remaining dust to ensure that the machine does not wear out; The safety filter element allows the machine to perform air filter maintenance without stopping, ensuring safe operation of the machine.

Efficient cooling system

The design of independent oil, water, and air coolers combined with large-diameter fans is suitable for both cold and hot climates.

Three heavy oil gas separation system

Reduce the impact of excessive or insufficient oil injection into the separator on the oil content of compressed air, and always maintain the oil content of compressed air below 3ppm. Clean compressed air is beneficial for the safe operation of equipment.

Low temperature start-up system (optional)

The water pump of the fuel heater draws the coolant from the engine block to the heat exchanger, and the oil pump draws the fuel from the tank to the burner for combustion. Through the continuous circulation of heat, the temperature of the coolant and the lubricating oil of the whole machine is continuously increased, ensuring the starting performance of the diesel engine in cold and high-altitude environments.

Remote start stop, monitoring, and positioning system (optional)

Product Features:

Efficient and energy-saving

Adopting Aipu's independently developed high-efficiency screw host, it has high volumetric efficiency and specific power better than industry standards.

Intelligent frequency conversion/power frequency control (optional), automatically adjusts the operating status according to gas consumption, and reduces energy consumption.

Strong power

Diesel models: equipped with well-known brand engines (such as Cummins, Weichai, etc.), suitable for high altitude, high temperature, and high dust environments, and in compliance with National III/IV emission standards.

Electric motor type: 380V/660V/10kV and other voltage options are available, suitable for fixed or temporary power supply occasions.

Mobile convenience

Traction or vehicle mounted design, equipped with heavy-duty tires or anti-skid tracks (optional), suitable for rough terrain.

Compliant with road transportation regulations, able to quickly transition and improve equipment utilization.

Stable and reliable

Strengthen the steel chassis to prevent rust, shock, and dust, and extend the service life of the equipment.

Multiple safety protections: over temperature, over pressure, overload, oil shortage alarm, etc., ensure safe operation.

Low maintenance design

External oil and air filters, easy and fast to maintain.

Long life lubricating oil system, reducing replacement frequency and lowering usage costs.

Selection brochure:

LCGY and LGDY two-stage compression series units

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
LCGT-11/10T two wheeler	1.8	11	Tuchai 160HP (four cylinder)	Ø1/2x1, Ø²/4x1	2100	3500x2000x1930
LCGT-16/10-17/12T	1.8-1.2	16-17	Tuchai 190HP (six cylinder)	Ø2×1, Ø²/4x1	2200	3000x1620x2300
LCGT-17/16-16/15T	1.8-1.5	17-18	Tuchai 220HP	Ø2×1, Ø²/4x1	2500	3000x1620x2300
LCGT-17/16-16/15TK	1.8-1.5	17-18	Cummins 210HP	Ø2×1, Ø²/4x1	2200	3000x1520x2300
LCGT-19/21-21/18	2.1-1.8	19-21	Tuchai 260HP	Ø2×1, Ø²/4x1	3600	3300x1700x2350
LCGT-19/21-21/18K	2.1-1.8	19-21	Cummins 260HP	Ø2×1, Ø²/4x1	3600	3300x1700x2350
LCGT-21/21-23/18	2.1-1.8	21-23	Tuchai 310HP	Ø2×1, Ø²/4x1	3900	3300x1800x2300
LCGT-23/23-25/18	2.3-1.8	23-25	Tuchai 340HP	Ø2×1, Ø²/4x1	4850	4150x1960x2650
LCGT-23/23-25/18K	2.3-1.8	23-25	Cummins 360HP	Ø2×1, Ø²/4x1	4850	4150x1960x2650
LCGT-27/25-29/18	2.5-1.8	27-29	Tuchai 400HP	Ø2×1, Ø²/4x1	4500	4000x1960x2650
LCGT-25/23-27/18K	2.3-1.8	25-27	Cummins 360HP	Ø2×1, Ø²/4x1	4850	4150x1960x2650
LCGT-26/25	2.5	26	Tuchai 560HP	Ø2×1, Ø²/4x1	6800	4700x2160x2650
LCGT-26/25K	2.5	26	Cummins 550HP	Ø2×1, Ø²/4x1	6800	4700x2160x2650
LCGT-33/25	2.5	33	Tuchai 560HP	Ø2×1, Ø²/4x1	6800	4700x2160x2650
LCGT-33/25K	2.5	33	Cummins 550HP	Ø2×1, Ø²/4x1	6800	4700x2160x2650
LCGT-39/25	2.5	39	Chongqing Cummins 700HP	Ø2×1, Ø²/4x1	7110	4850x2160x2970
LCGT-39/25A	2.5	39	Caterpillar 700	Ø2×2	8000	5000×2200x2850
LCGT-33/35	3.5	33	Chongqing Cummins 700HP	Ø2×1, Ø²/4x1	7110	4850x2160x2970
LCGT-33/35A	3.5	33	Caterpillar C18-650HP	Ø2×2	8000	5000x2200x2850
LCGT-43/25-37/35T	2.5-3.5	37-43	Volvo 760HP	Ø2×1, Ø²/4x1	8478	5000×2240×2795
LCGT-30/8TK	0.8	30	Cummins 260HP	Ø21/2x1, Ø²/4x1	3200	3600×1800x2480
LCGT-25/10TK	1	25	Cummins 260HP	Ø21/2x1, Ø²/4x1	3200	3600x1800x2480
LCGT-21/13TK	1.3	21	Cummins 260HP	Ø2²/2x1, Ø²/4x1	3200	3600x1800x2480
LCGT-19/21-21/18K	2.1-1.8	19-21	Kichai 280HP	Ø2×1, Ø²/4x1	3750	4800x2090x2670
LCGT-18/18G	1.8	18	160BHP	Ø2×1, Ø²/4x1	4450	3970×1820×2295
LCGT-22/20G	2	22	200BHP	Ø2×1, Ø²/4x1	5000	3970×1820×2295
LCGT-27/20G	2	27	250BHP	Ø2×1, Ø²/4x1	5620	4115×1950×2440
LCGT-29/20G	2	29	280BHP	Ø2×1, Ø²/4x1	5850	4115×1950×2440
LCGT-33/24G	2.4	33	315BHP	Ø2×1, Ø²/4x1	8000	4930×2100×2560

LCGY single-stage compression diesel series unit

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
LCGT-5/5 Double Can	0.8	5	Kichai 50HP	Ø1×1, Ø1/2×1	740	1660x1020x1610
LCGT-6/7T	0.7	6	Kichai 75HP	Ø1²/4×1, Ø²/4×1	1400	3240×1760x1850
LCGT-9/7	0.7	9	Tuchai 120HP	Ø1/4×1, Ø²/4x1	1550	3240×1760x1785
LCGT-12/10	1	12	Tuchai 160HP	Ø1/4×1, Ø²/4x1	1880	3300×1880×2100
LCGT-12/10K (China II)	1	12	Cummins 150HP (National II)	Ø1/4×1, Ø²/4×1	1800	3500×1850x2100
LCGT-12 5/14L two wheeled vehicle	1.4	12.5	Cummins 180HP	Ø2x1, Ø²/4×1	2280	3500×1980×2200
LCGT-14/14L two wheels	1.4	14	Cummins 210HP	Ø2x1, Ø²/4×1	2400	3520×1980×2256
LCGT-22/8K	0.8	22	Cummins 260HP	Ø2x1, Ø²/4×1	4000	3764×1800×2213
LCGT-27/10	1	27	Tuchai 340HP	Ø2x1, Ø²/4x1	4800	4300x1950x2900
LCGT-27/10K	1	27	Cummins 360HP	Ø2x1, Ø²/4x1	5000	4600×1950x2950
LCGT-32/10	1	32	Tuchai 400HP	Ø2×1, Ø²/4x1	5000	4600×1950×2950
LCGT-32/10K	1	32	Cummins 360HP	Ø2x1, Ø²/4x1	5000	4600×1950x2950
LCGP-65/5	0.5	65	Tuchai 560HP	DN125 flange	9500	4500×2350x2300
LCGP-65/5	0.5	65	Tuchai 560HP	DN125 flange	8500	4500×2350×2380
LCGP-65/6CK	0.5	65	Cummins 600HP	DN125 flange	8200	4760×2360×2430
LCGP-65/6CKH	0.5	65	Cummins 600HP	DN125 flange	9100	4800×2230×2455

LGDY Single stage compression electric series unit

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
LG-6.2/8GT	0.8	6.2	378P-2-835	Ø11/4×1, Ø²/4x1	1120	3120×1445×1480
LG-10/8GT	0.8	10	558P-2-835	Ø11/2×1, Ø²/4x1	1200	3120×1445×1480
LG-13/8GT	0.8	13	758P-2-835	Ø2x1, Ø²/4x1	1780	2700×1700×1700
LG-16/8GT	0.8	16	908P-2-835	Ø2x1, Ø²/4x1	1940	2730×1680×1800
LG-36/8GT	0.8	36	2008P-2-835	Ø2×1, Ø²/4x1	5000	4050×1950×2440
LG-30/10GT	1	30	2008P-2-835	Ø2x1, Ø²/4x1	5000	4050×1950×2440
LG-40/8GT	0.8	40	2208P-2-835	Ø3x1, Ø²/4x1	5500	4500×1950×2500
LG-46/8GT	0.8	46	2508P-4-835	Ø3x1, Ø²/4x1	6200	4930×2100×2560
LG-40/10GT	1	40	2508P-2-835	Ø3x1, Ø²/4x1	5800	4930×2100×2560

LCGY Double can series products

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
LGT-2 8/8T	0.8	2.8	15	Ø1	254	1160x760x920
LGT-2 8/8	0.8	2.8	15	Ø1×2	350	1495×815x1005
LCGY-2 4/10	1	2.4	15	Ø1×2	350	1495×815x1005
LCGY-3 6/8G	0.8	3.6	18.5	Ø1×2	380	1550x900x1130
LGT3 6/10G	1	3.6	22	Ø1×2	380	1550×900x1130
LGT-4 5/6	0.6	4.5	22	Ø1×2	420	1480x900x1115
LGT-4 8/10	1	4.8	30	Ø1×2	440	1480x900x1115
LGT-5/8	0.8	5	30	Ø1×2	440	1480×900x1115
LGT-5/8G	0.8	5	30	Ø1×2	480	1570×900x1130
LGT-5/8 Double Can	0.8	5	Kichai 50HP	Ø1×1, Ø1/2X1	740	1660×1020×1610
LGT-5/8GT	0.8	5	30	Ø1×2	460	1570x900x1130

KSCY diesel generator

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
KSCY-175/8	0.8	5	Kichai 50HP	Ø1×1, Ø²/2x1	970	2500x1350x1500
KSCY-220/8K	0.8	6	Kichai 75HP	Ø1/4×1, Ø²/4x1	1400	3240x1760x1850
KSCY-330/8	0.8	9	Tuchai 120HP	Ø1/2×1, Ø²/4x1	1550	3240x1760x1785
KSCY-330/8K	0.8	9	Cummins 125HP	Ø1/2×1, Ø3/4x1	1550	3240×1760x1785
KSCY-425/10	1	12	Tuchai 160HP	Ø1/2×1, Ø²/4x1	1880	3300x1880x2100
KSCY-425/10K	1	12	Cummins 160HP (National II)	Ø1/2×1, Ø²/4x1	1800	3500×1850x2100
KSCY-400/14.5	1.5	11	Tuchai 160HP	Ø1/2×1, Ø²/4x1	1880	3300x1880×2100
KSCY-400/14.5K	1.5	11	Cummins 160HP (National II)	Ø1/2×1, Ø²/4x1	1800	3500x1850×2100
KSCY-550/13	1.3	15	Tuchai 190HP (four cylinder)	Ø1/2×1, Ø3/4x1	2400	3000×1520×2200
KSCY-550/13K	1.45	15	Cummins 180HP (National II)	Ø1/2×1, Ø²/4x1	2050	3000x1520x2200
KSCY-570/12-650/15	1.2-1.5	16-15	Tuchai 190HP (six cylinder)	Ø1/2×1, Ø²/4x1	2400	3020x1520×2180
KSCY-570/12-650/15K	1.2-1.5	16-15	Cummins 180HP	Ø1/2×1, Ø²/4x1	2200	3020x1520×2180
KSCY-560/15	1.5	16	Tuchai 220HP	Ø2×1, Ø²/4×1	2400	3000x1520×2200
KSCY-560/15K	1.2-1.5	16-15	Cummins 210HP	Ø2×1, Ø²/4×1	2200	3000×1520×2232
KSCY-650/20-700/17T	2.0-1.7	18-19	Tuchai 260HP	Ø2×1, Ø²/4×1	2800	3000x1520×2390
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	Ø2×1, Ø²/4×1	2700	3000x1520×2380
KSCY-750/20-600/17T	2.0-1.7	20-22	Tuchai 310HP	Ø2×1, Ø²/4×1	2850	3100x1520×2400
KSCY-24/23 (without brake)	2.3	24	Tuchai 340HP	Ø2×1, Ø²/4x1	4450	3500x1950x2030
KSCY-24/23 (with brake)	2.3	24	Tuchai 340HP	Ø2×1, Ø²/4×1	4450	3500x1950x2030
KSCY-310/22	2.2	21	Tuchai 310HP	Ø2×1, Ø²/4x1	3300	4300×2090x2470
KSCY-310/22K	2.2	21	Kichai 310HP	Ø2×1, Ø²/4x1	3400	4300×2090×2470

set

KSDY diesel generator

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
KSDY-13.6/8	0.8	13.6	75	62×1.0 ³ /4×1	1750	2700×1700×1700
KSDY-12.5/10	1	12.5	75	62×1.0 ³ /4×1	1750	2700×1700×1700
KSDY-10/14.5 (two wheels)	1.45	10	75	62×1.0 ³ /4×1	1600	2500×1530×1700
KSDY-16.5/8	0.8	16.5	90	62×1.0 ³ /4×1	1940	2730×1680×1800
KSDY-13/14.5 (two wheels)	1.45	13	90	62×1.0 ³ /4×1	1760	2700×1670×1800
KSDY-13/14.5 (four-wheel)	1.45	13	90	62×1.0 ³ /4×1	1910	2730×1680×1800
KSDY-20/8	0.8	20	110	62×1.0 ³ /4×1	3115	3065×1835×2000
KSDY-16.5/12	1.2	16.5	110	62×1.0 ³ /4×1	3000	3065×1835×2000
KSDY-24/8	0.8	24	132	62×1.0 ³ /4×1	3150	3065×1835×2000
KSDY-18/13	1.3	18	132-2 poles	62×1.0 ³ /4×1	3070	3065×1835×2000
KSDY15/17	1.7	15	132-2 poles	62×1.0 ³ /4×1	2975	3065×1835×2000
KSDY-22/18-11	1.8	22	132-4 poles	62×1.0 ³ /4×1	3700	3400×1620×2200
KSDY-20/18-11	1.8	20	132-2 poles	62×1.0 ³ /4×1	3100	3400×1620×2200

set

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
MLGF 20.5/20-200T	2	20.5	185	62×1.0 ³ /4×1	6000	3970×1820×2285
MLGF 17/18-160T	1.8	17	132	62×1.0 ³ /4×1	3700	3400×1620×2200
MLGF 11.8/13-110T	1.3	13	90	62×1.0 ³ /4×1	1910	2730×1680×1800
MLGF 24/8-160T	0.8	24	132	62×1.0 ³ /4×1	3150	3065×1835×2000
MLGF 27/25-315T	2.5	27	280	62×1.0 ³ /4×1	5850	4115×1950×2440

T4 diesel screw

compressor unit

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
KSCY-330/8	0.8	9	Fuchai 120HP	61/4x1, 63/4x1	1950	3232x1760x1891
KSCY-425/10	1	12	Fuchai 160HP	61/4x1, 67/4x1	1880	3336x1880×2224
KSCY-550/13	1.3	15	Fuchai 190HP (four cylinder)	61/4x1, 67/4x1	2400	3337x1880×2334
KSCY-570/12-550/15	1.2-1.5	16-15	Fuchai 190HP (six cylinder)	62×1.0 ³ /4x1	2400	3920x1480x2356
KSCY-570/12-550/15E	1.2-1.5	16-15	Cummins 190HP	62×1.0 ³ /4x1	2000	3920x1480x2382
KSCY-650/20-700/17T	2.0-1.7	18-19	Fuchai 260HP	62×1.0 ³ /4x1	2800	3068x1520x2426
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	62×1.0 ³ /4x1	2700	3068x1520x2478
LACT-5/6/7/8	0.8	5	Nichai 50HP	61×1.0 ³ /2x1	740	1660x1020×1610
LACT-17/18-18/15T	1.8-1.5	17-18	Fuchai 220HP	62×1.0 ³ /4x1	2500	3070x1520x2426
LACT-17/18-18/15TK	1.8-1.5	17-18	Cummins 210HP	62×1.0 ³ /4x1	2200	3070x1520×2462
LACT-19/21-21/18	2.1-1.8	19-21	Fuchai 260HP	62×1.0 ³ /4x1	3600	3351×1570x2555
LACT-27/25-29/18	2.5-1.8	27-29	Fuchai 400HP	62×1.0 ³ /4x1	4500	3656x2000x2802

Applications:

Mining: providing power and gas sources for down the hole drilling machines, rock drills, etc.

Construction: Spraying and pneumatic tool air supply in bridge, tunnel, and subway construction.

Oilfield drilling: field drilling, pipeline pressure testing and other operations.

Emergency rescue: Mobile gas source support for emergency power and repair projects.

Support and Services:

Our Mobile screw air compressor product comes with comprehensive technical support and services to ensure that our customers are satisfied with their purchase. Our team of experts is available to provide assistance with installation, operation, and maintenance of the product. We also offer repair and replacement services for any faulty parts or components. Additionally, we provide training and educational resources to help our customers maximize the performance and lifespan of their Mobile screw air compressor.

Packing and Shipping:

Product Packaging:

The Mobile screw 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:

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 mobile screw 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.ul.

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 10t/y.



Yixing Aipu Air System Equipment Co., Ltd



13771572002



183426306@qq.com



aipukqdl.com

Yixing Yicheng Street Hardware Electromechanical City, Phase I, Block 5, District 3, 8071