



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

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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 Kaishan's independently developed screw host, it has high volumetric efficiency, excellent specific power, and meets national energy efficiency standards.

The intelligent control system can automatically adjust the speed according to the gas demand, reducing energy consumption.

Strong power

Equipped with a well-known brand diesel engine or electric motor (optional), it has strong power and is suitable for harsh environments such as high altitude and high temperature.

The diesel engine model meets the National III/IV emission standards and is environmentally friendly and energy-saving.

Mobile convenience

Integrated trailer design, towing or self loading structure, suitable for frequent transition operations.

Heavy duty tires/anti-skid chassis, suitable for rough terrain.

Stable and reliable

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

Multiple protection systems (overload, high temperature, low pressure, etc.) ensure safe operation.

Low maintenance cost

The screw host is designed with a long lifespan and a long maintenance cycle.

External oil and air filters for easy maintenance.

Selection brochure:

LGCY 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)
LACT-11/10T two wheels	1.8	11	Yuchai 160HP (four cylinder)	G1/2x1, 0°/4x1	2100	3600x2000x1930
LACT-15/10-17/10T	1.8-1.2	15-17	Yuchai 190HP (six cylinder)	G2×1, 0°/4x1	2200	3000x1520x2300
LACT-17/10-18/10T	1.8-1.5	17-18	Yuchai 220HP	G2×1, 0°/4x1	2500	3000x1520x2300
LACT-17/10-18/10TK	1.8-1.5	17-18	Cummins 210HP	G2×1, 0°/4x1	2200	3000x1520x2300
LACT-19/21-21/10	2.1-1.8	19-21	Yuchai 260HP	G2×1, 0°/4x1	3600	3300x1700x2350
LACT-19/21-18/10K	2.1-1.8	19-21	Cummins 260HP	G2×1, 0°/4x1	3600	3300x1700x2350
LACT-21/21-23/10	2.1-1.8	21-23	Yuchai 310HP	G2×1, 0°/4x1	3900	3300x1600x2300
LACT-23/23-25/10	2.3-1.8	23-25	Yuchai 340HP	G2×1, 0°/4x1	4850	4150x1950x2650
LACT-23/23-25/10K	2.3-1.8	23-25	Cummins 360HP	G2×1, 0°/4x1	4850	4150x1950x2650
LACT-27/25-29/10	2.5-1.8	27-29	Yuchai 400HP	G2×1, 0°/4x1	4500	4000x1950x2650
LACT-25/23-27/10K	2.3-1.8	25-27	Cummins 360HP	G2×1, 0°/4x1	4050	4150x1950x2650
LACT-26/25	2.5	26	Yuchai 560HP	G2×1, 0°/4x1	6800	4700x2160x2650
LACT-26/25K	2.5	26	Cummins 550HP	G2×1, 0°/4x1	6800	4700x2160x2650
LACT-33/25	2.5	33	Yuchai 560HP	G2×1, 0°/4x1	6800	4700x2160x2650
LACT-33/25K	2.5	33	Cummins 550HP	G2×1, 0°/4x1	6800	4700x2160x2650
LACT-39/25	2.5	39	Chongqing Cummins 700HP	G2×1, 0°/4x1	7110	4850x2160x2970
LACT-39/25A	2.5	39	Caterpillar 700	G2×2	8000	5000×2200x2850
LACT-33/35	3.5	33	Chongqing Cummins 700HP	G2×1, 0°/4x1	7110	4850x2160x2970
LACT-33/35A	3.5	33	Caterpillar C18-650HP	G2×2	8000	5000×2200x2850
LACT-43/25-37/35K	2.5-3.5	37-43	Volvo 760HP	G2×1, 0°/4x1	8470	5660×2240×2795
LACT-30/5TK	0.8	30	Cummins 260HP	G1/2x1, 0°/4x1	3200	3600×1800x2480
LACT-25/10TK	1	25	Cummins 260HP	G1/2x1, 0°/4x1	3200	3600x1800x2480
LACT-21/13TK	1.3	21	Cummins 260HP	G2° 2x1, 0°/4x1	3200	3600x1800x2480
LACT-19/21-21/10K	2.1-1.8	19-21	Yichai 260HP	G2×1, 0°/4x1	3750	4900x2090x2670
LGBT-18/10G	1.8	18	1600N	G2×1, 0°/4x1	4450	3970×1820×2295
LGBT-22/20G	2	22	2000N	G2×1, 0°/4x1	5000	3970×1820×2295
LGBT-27/20G	2	27	2500N	G2×1, 0°/4x1	5620	4115×1950×2440
LGBT-29/20G	2	29	2800N	G2×1, 0°/4x1	5850	4115×1950×2440
LGBT-33/24G	2.4	33	3150N	G2×1, 0°/4x1	8000	4930×2100×2560

LGCY 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)
LACT-5/5 Double Can	0.8	5	Xichai 50HP	G1×1, G1/2×1	740	1660x1020x1610
LACT-6/7TK	0.7	6	Xichai 75HP	G1°/4×1, 0°/4×1	1400	3240×1760x1850
LACT-9/7	0.7	9	Yuchai 120HP	G1/4×1, 0°/4x1	1550	3240×1760x1785
LACT-12/10	1	12	Yuchai 160HP	G1/4×1, 0°/4x1	1800	3300×1800×2100
LACT-12/10K (China II)	1	12	Cummins 150HP (National II)	G1/4×1, 0°/4×1	1800	3500×1850x2100
LACT-12.5/14L two wheels	1.4	12.5	Cummins 160HP	G2x1, 0°/4×1	2200	3500×1900×2200
LACT-14/14L two wheels	1.4	14	Cummins 210HP	G2x1, 0°/4×1	2400	3520×1900×2356
LACT-22/8K	0.8	22	Cummins 260HP	G2x1, 0°/4×1	4000	3764×1800×2213
LACT-27/10	1	27	Yuchai 340HP	G2x1, 0°/4x1	4800	4300x1950x2900
LACT-27/10K	1	27	Cummins 360HP	G2x1, 0°/4x1	5000	4600×1950x2950
LACT-32/10	1	32	Yuchai 400HP	G2x1, 0°/4x1	5000	4600×1950×2850
LACT-32/10K	1	32	Cummins 360HP	G2x1, 0°/4x1	5000	4600×1950x2950
LACT-65/5	0.5	65	Yuchai 560HP	DN125 Flange	9500	4500×2350x2380
LACT-65/5	0.5	65	Yuchai 560HP	DN125 Flange	9500	4500×2350×2380
LACT-65/5CK	0.5	65	Cummins 600HP	DN125 Flange	9200	4760×2360×2430
LACT-65/5CKH	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-6.2/9GT	0.8	6.2	370N-2-B35	G11/4×1, 0°/4x1	1120	3120×1445×1480
LG-10/8GT	0.8	10	550N-2-B35	G11/2×1, 0°/4x1	1200	3120×1445×1480
LG-13/8GT	0.8	13	750N-2-B35	G2x1, 0°/4x1	1750	2700×1700×1700
LG-16/8GT	0.8	16	900N-2-B35	G2x1, 0°/4x1	1940	2730×1680×1800
LG-35/8GT	0.8	35	2000N-2-B35	G2×1, 0°/4x1	5000	4050×1950×2440
LG-30/10GT	1	30	2000N-2-B35	G2x1, 0°/4x1	5000	4050×1950×2440
LG-40/8GT	0.8	40	2200N-2-B35	G3x1, 0°/4x1	5500	4500×1950×2500
LG-46/8GT	0.8	46	2500N-4-B35	G3x1, 0°/4x1	6200	4930×2100×2560
LG-40/10GT	1	40	2500N-2-B35	G3x1, 0°/4x1	5800	4930×2100×2560

LGY 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	G1	254	1160x760x920
LGT-2.8/8	0.8	2.8	15	G1×2	350	1485×815x1005
LGY-2.4/10	1	2.4	15	G1×2	350	1485×815x1005
LGY-3.6/8G	0.8	3.6	18.5	G1×2	360	1550x900x1130
LGT3.6/10G	1	3.6	22	G1×2	380	1550×900x1130
LGT-4.5/6	0.6	4.5	22	G1×2	420	1480x900x1115
LGT-4.5/10	1	4.8	30	G1×2	440	1480x900x1115
LGT-5/6	0.8	5	30	G1×2	440	1480×900x1115
LGT-5/9G	0.8	5	30	G1×2	480	1570×900x1130
LACT-5/5 Double Can	0.8	5	Xichai 50HP	G1×1, G1/2x1	740	1660×1020×1610
LGT-5/9GT	0.8	5	30	G1×2	460	1570x900x1130

KSCY diesel generator

set

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
KSCT-175/8	0.8	5	Xichai 50HP	G1×1, 0°/2x1	970	2500x1350x1500
KSCT-220/8K	0.8	6	Xichai 75HP	G1/4×1, 0°/4x1	1400	3240x1760x1850
KSCT-330/8	0.8	9	Yuchai 120HP	G1/2×1, 0°/4x1	1550	3240x1760x1785
KSCT-330/8K	0.8	9	Cummins 125HP	G1/2×1, G3/4x1	1550	3240×1760x1785
KSCT-425/10	1	12	Yuchai 160HP	G1/2×1, 0°/4x1	1880	3300x1880x2100
KSCT-425/10K	1	12	Cummins 150HP (National II)	G1/2×1, 0°/4x1	1900	3500×1950x2100
KSCT-480/14.5	1.5	11	Yuchai 160HP	G1/2×1, 0°/4x1	1880	3300x1880×2100
KSCT-480/14.5K	1.5	11	Cummins 150HP (National II)	G1/2×1, 0°/4x1	1900	3500x1880×2100
KSCT-550/13	1.3	15	Yuchai 190HP (four cylinder)	G1/2×1, G3/4x1	2400	3000×1520×2200
KSCT-550/13K	1.45	15	Cummins 180HP (National II)	G11/2×1, 0°/4x1	2050	3000x1520x2200
KSCT-570/12-550/15	1.2-1.5	16-15	Yuchai 190HP (six cylinder)	G1/2×1, 0°/4x1	2400	3020x1520×2180
KSCT-570/12-550/15K	1.2-1.5	16-15	Cummins 180HP	G1/2×1, 0°/4x1	2200	3020x1520×2180
KSCT-560/15	1.5	16	Yuchai 220HP	G2×1, 0°/4×1	2400	3000x1520×2200
KSCT-560/15K	1.2-1.5	16-15	Cummins 210HP	G2×1, 0°/4×1	2200	3000×1520×2232
KSCT-650/20-700/17T	2.0-1.7	18-19	Yuchai 260HP	G2×1, 0°/4×1	2900	3000x1520×2390
KSCT-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	G2×1, 0°/4×1	2700	3000x1520×2390
KSCT-750/20-800/17T	2.0-1.7	20-22	Yuchai 310HP	G2×1, 0°/4×1	2950	3100x1520×2400
KSCT-24/23 (without brake)	2.3	24	Yuchai 340HP	G2×1, 0°/4x1	4450	3500x1950x2030
KSCT-24/23 (with brake)	2.3	24	Yuchai 340HP	G2×1, 0°/4×1	4450	3500x1950x2030
KSCT-310/22	2.2	21	Yuchai 310HP	G2×1, 0°/4x1	3300	4300×2090x2470
KSCT-310/22K	2.2	21	Xichai 310HP	G2×1, 0°/4x1	3400	4300×2090×2470

KSDY diesel generator set

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	G2×1.0"/4×1	1750	2700×1700×1700
KSDY-12.5/10	1	12.5	75	G2×1.0"/4×1	1750	2700×1700×1700
KSDY-10/14.5 (two wheels)	1.45	10	75	G2×1.0"/4×1	1600	2500×1500×1700
KSDY-16.5/8	0.8	16.5	90	G2×1.0"/4×1	1940	2730×1680×1800
KSDY-13/14.5 (two wheels)	1.45	13	90	G2×1.0"/4×1	1780	2700×1670×1800
KSDY-13/14.5 (four-wheel)	1.45	13	90	G2×1.0"/4×1	1910	2730×1680×1800
KSDY-20/8	0.8	20	110	G2×1.0"/4×1	3115	3085×1835×2000
KSDY-16.5/12	1.2	16.5	110	G2×1.0"/4×1	3000	3085×1835×2000
KSDY-24/8	0.8	24	132	G2×1.0"/4×1	3150	3085×1835×2000
KSDY-18/13	1.3	18	132-2 poles	G2×1.0"/4×1	3070	3085×1835×2000
KSDY15/17	1.7	15	132-2 poles	G2×1.0"/4×1	2975	3085×1835×2000
KSDY-22/18-11	1.8	22	132-4 poles	G2×1.0"/4×1	3700	3400×1620×2200
KSDY-20/18-11	1.8	20	132-2 poles	G2×1.0"/4×1	3100	3400×1620×2200

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
KLGF 20.5/20-200T	2	20.5	195	G2×1.0"/4×1	5000	3970×1820×2285
KLGF 17/18-160T	1.8	17	132	G2×1.0"/4×1	3700	3400×1620×2200
KLGF 11.8/13-110T	1.3	13	90	G2×1.0"/4×1	1910	2730×1680×1800
KLGF 24/8-160T	0.8	24	132	G2×1.0"/4×1	3150	3085×1835×2000
KLGF 27/15-315T	2.5	27	280	G2×1.0"/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	Tachai 120HP	G11/4x1.034x1	1550	3232x1760x1891
KSCY-425/10	1	12	Tachai 160HP	G11/4x1.07/4x1	1880	3336x1880x2224
KSCY-650/13	1.3	15	Tachai 190HP (four cylinder)	G11/4x1.07/4x1	2400	3337x1890x2334
KSCY-570/12-650/15	1.2-1.5	16-15	Tachai 190HP (six cylinder)	G2×1.0"/4x1	2400	3920x1490x2356
KSCY-570/12-650/15K	1.2-1.5	16-15	Cummins 190HP	G2×1.0"/4x1	2000	3920x1490x2392
KSCY-650/20-700/17T	2.0-1.7	18-19	Tachai 260HP	G2×1.0"/4x1	2800	3085x1520x2426
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	G2×1.0"/4x1	2700	3085x1520x2476
LACT-5/8 Double tank	0.8	5	Lichai 50HP	G1×1.0"/2x1	740	1680x1020x1610
LACT-17/18-18/15T	1.8-1.5	17-18	Tachai 220HP	G2×1.03/4x1	2500	3070x1520x2426
LACT-17/18-18/15TK	1.8-1.5	17-18	Cummins 210HP	G2×1.03/4x1	2200	3070x1520x2462
LACT-19/21-21/18	2.1-1.8	19-21	Tachai 260HP	G2×1.0"/4x1	3600	3351x1570x2555
LACT-27/25-29/18	2.5-1.8	27-29	Tachai 400HP	G2×1.034x1	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.



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