



Mobile Screw Air Compressor 0.5-2.5Mpa Diesel/Electric Industrial

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 air compressor diesel electric, industrial air compressor 0.5-2.5Mpa, portable screw air compressor**

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.

KSCY diesel generator set:

Automatic gas volume control system

According to the usage pressure, the air volume adjustment device automatically and continuously adjusts the suction volume of the air compressor and the speed of the diesel engine. Match the gas supply with the gas consumption to achieve optimal results with the lowest fuel consumption.

Low noise operation

Silent outer cover design, low operating noise, and more environmentally friendly machine 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.

SKY patented wire with high energy efficiency

The dedicated rotor tooth profile provides excellent performance for each model of machine head; Innovative design, optimized structure, high reliability performance.

Reasonably design to reduce operating costs

The overall structure is compact, lightweight, and flexible for on-site movement, saving construction site movement time.

Open design for easy maintenance

The spacious open doors and windows make it very convenient to maintain air filters, oil filters, oil separators, etc. The parts that need to be repaired are all within reach, reducing downtime for maintenance and repair.

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:

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)
LGCY-11/18T two wheeler	1.8	11	Tushai 160HP (four cylinder)	G1/2x1.0"/4x1	2100	3500x2000x1930
LGCY-15/19-17/2T	1.8-1.2	15-17	Tushai 190HP (six cylinder)	G2×1.0"/4x1	2200	3000x1520x2300
LGCY-17/19-18/15T	1.8-1.5	17-18	Tushai 220HP	G2×1.0"/4x1	2500	3000x1520x2300
LGCY-17/19-18/15TK	1.8-1.5	17-18	Cummins 210HP	G2×1.0"/4x1	2200	3000x1520x2300
LGCY-19/21-21/19	2.1-1.8	19-21	Tushai 260HP	G2×1.0"/4x1	3600	3300x1700x2350
LGCY-19/21-21/18K	2.1-1.8	19-21	Cummins 260HP	G2×1.0"/4x1	3600	3300x1700x2350
LGCY-21/21-23/18	2.1-1.8	21-23	Tushai 310HP	G2×1.0"/4x1	3900	3300x1800x2300
LGCY-23/23-25/18	2.3-1.8	23-25	Tushai 340HP	G2×1.0"/4x1	4650	4150x1950x2650
LGCY-23/23-25/18K	2.3-1.8	23-25	Cummins 360HP	G2×1.0"/4x1	4650	4150x1950x2650
LGCY-27/25-29/18	2.5-1.8	27-29	Tushai 400HP	G2×1.0"/4x1	4500	4000x1950x2650
LGCY-25/23-27/18K	2.3-1.8	25-27	Cummins 360HP	G2×1.0"/4x1	4650	4150x1950x2650
LGCY-26/25	2.5	26	Tushai 560HP	G2×1.0"/4x1	6900	4700x2160x2650
LGCY-26/25K	2.5	26	Cummins 550HP	G2×1.0"/4x1	6900	4700x2160x2650
LGCY-33/25	2.5	33	Tushai 560HP	G2×1.0"/4x1	6900	4700x2160x2650
LGCY-33/25K	2.5	33	Cummins 550HP	G2×1.0"/4x1	6900	4700x2160x2650
LGCY-39/25	2.5	39	Chongqing Cummins 700HP	G2×1.0"/4x1	7110	4850x2160x2970
LGCY-39/25A	2.5	39	Caterpillar 700	G2×2	8000	5000×2200x2950
LGCY-33/35	3.5	33	Chongqing Cummins 700HP	G2×1.0"/4x1	7110	4850x2160x2970
LGCY-33/35A	3.5	33	Caterpillar C10-650HP	G2×2	8000	5000x2200x2950
LGCY-43/25-37/35T	2.5-3.5	37-43	Volvo 760HP	G2×1.0"/4x1	8478	5040×2240×2795
LGCY-30/8TK	0.8	30	Cummins 260HP	G21/2x1.0"/4x1	3200	3600×1800x2480
LGCY-25/10TK	1	25	Cummins 260HP	G21/2x1.0"/4x1	3200	3600x1800x2480
LGCY-21/13TK	1.3	21	Cummins 260HP	G2" 2x1.0"/4x1	3200	3600x1800x2480
LGCY-19/21-21/18K	2.1-1.8	19-21	Xichai 260HP	G2×1.0"/4x1	3750	4900x2090x2670
LGDY-18/19G	1.8	18	1600W	G2×1.0"/4x1	4450	3970×1820×2295
LGDY-22/20G	2	22	2000W	G2×1.0"/4x1	5000	3970×1820×2295
LGDY-27/20G	2	27	2500W	G2×1.0"/4x1	5620	4115×1950×2440
LGDY-29/20G	2	29	2800W	G2×1.0"/4x1	5950	4115×1950×2440
LGDY-33/24G	2.4	33	3150W	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)
LGCY-5/8 Double Can	0.8	5	Xichai 50HP	G1×1.0"/2×1	740	1680x1020x1610
LGCY-6/7T	0.7	6	Xichai 75HP	G1"/4×1.0"/4×1	1400	3240×1760x1950
LGCY-9/7	0.7	9	Tushai 120HP	G1/4×1.0"/4x1	1650	3240×1760x1785
LGCY-12/10	1	12	Tushai 160HP	G1/4×1.0"/4x1	1880	3300×1880×2100
LGCY-12/10K (China II)	1	12	Cummins 150HP (National II)	G1/4×1.0"/4×1	1800	3500×1850x2100
LGCY-12.5/14L two wheeled vehicle	1.4	12.5	Cummins 180HP	G2x1.0"/4×1	2280	3500×1980×2200
LGCY-14/14L two wheels	1.4	14	Cummins 210HP	G2x1.0"/4×1	2400	3520×1980×2350
LGCY-22/8K	0.8	22	Cummins 260HP	G2x1.0"/4×1	4000	3764×1800×2213
LGCY-27/10	1	27	Tushai 340HP	G2x1.0"/4x1	4800	4300×1950x2900
LGCY-27/10K	1	27	Cummins 360HP	G2x1.0"/4x1	5000	4800×1950x2950
LGCY-32/10	1	32	Tushai 400HP	G2×1.0"/4x1	5000	4600×1950×2950
LGCY-32/10K	1	32	Cummins 360HP	G2x1.0"/4x1	5000	4600×1950x2950
LGCY-65/5	0.5	65	Tushai 560HP	DN125 Flange	8500	4500×2350x2380
LGCY-65/5	0.5	65	Tushai 560HP	DN125 Flange	8500	4500×2350×2380
LGCY-65/5CK	0.5	65	Cummins 600HP	DN125 Flange	8200	4760×2360×2430
LGCY-65/5CKH	0.5	65	Cummins 600HP	DN125 Flange	8100	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-6.2/80T	0.8	6.2	370W-2-935	G11/4×1.0"/4x1	1120	3120×1445×1480
LG-10/80T	0.8	10	550W-2-935	G11/2×1.0"/4x1	1200	3120×1445×1480
LG-13/80T	0.8	13	750W-2-935	G2x1.0"/4x1	1750	2700×1700×1700
LG-16/80T	0.8	16	900W-2-935	G2x1.0"/4x1	1940	2730×1680×1800
LG-35/80T	0.8	35	2000W-2-935	G2×1.0"/4x1	5000	4050×1950×2440
LG-30/100T	1	30	2000W-2-935	G2x1.0"/4x1	5000	4050×1950×2440
LG-40/80T	0.8	40	2200W-2-935	G3x1.0"/4x1	5500	4500×1950×2500
LG-46/80T	0.8	46	2500W-4-935	G3x1.0"/4x1	6200	4930×2100×2560
LG-40/100T	1	40	2500W-2-935	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)
LGY-2.8/8T	0.8	2.8	15	G1	254	1160x760x920
LGY-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
LGY3.6/10G	1	3.6	22	G1×2	380	1550×900x1130
LGY-4.5/6	0.6	4.5	22	G1×2	420	1490x900x1115
LGY-4.5/10	1	4.5	30	G1×2	440	1480x900x1115
LGY-5/8	0.8	5	30	G1×2	440	1480×900x1115
LGY-6/8G	0.8	6	30	G1×2	460	1570×900x1130
LACT-5/8 Double Can	0.8	5	Xichai 50HP	G1×1.0"/2x1	740	1680×1020×1610
LGY-5/80T	0.8	5	30	G1×2	460	1570x900x1130

set

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	Xichai 50HP	G1×1.0"/2x1	970	2500x1350x1500
KSCY-220/8K	0.8	6	Xichai 75HP	G1/4×1.0"/4x1	1480	3240x1760x1950
KSCY-330/8	0.8	9	Tushai 120HP	G1/2×1.0"/4x1	1650	3240x1760x1785
KSCY-330/8K	0.8	9	Cummins 125HP	G1/2×1.0"/4x1	1650	3240×1760x1785
KSCY-425/10	1	12	Tushai 160HP	G1/2×1.0"/4x1	1880	3300x1880x2100
KSCY-425/10K	1	12	Cummins 150HP (National II)	G1/2×1.0"/4x1	1800	3500×1850x2100
KSCY-400/14.5	1.5	11	Tushai 160HP	G1/2×1.0"/4x1	1680	3300x1880×2100
KSCY-400/14.5K	1.5	11	Cummins 150HP (National II)	G1/2×1.0"/4x1	1680	3500x1850×2100
KSCY-550/13	1.3	15	Tushai 190HP (four cylinder)	G1/2×1.0"/4x1	2400	3000×1520×2200
KSCY-550/13K	1.45	15	Cummins 180HP (National II)	G11/2×1.0"/4x1	2050	3000x1520x2200
KSCY-570/12-550/15	1.2-1.5	16-15	Tushai 190HP (six cylinder)	G1/2×1.0"/4x1	2400	3020x1520×2180
KSCY-570/12-550/15K	1.2-1.5	16-15	Cummins 190HP	G1/2×1.0"/4x1	2200	3020x1520×2180
KSCY-560/15	1.5	16	Tushai 220HP	G2×1.0"/4×1	2400	3000x1520×2200
KSCY-560/15K	1.2-1.5	16-15	Cummins 210HP	G2×1.0"/4×1	2280	3000×1520×2232
KSCY-650/20-700/17T	2.0-1.7	18-19	Tushai 260HP	G2×1.0"/4×1	2880	3000x1520×2390
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	G2×1.0"/4×1	2700	3000x1520×2390
KSCY-750/20-600/17T	2.0-1.7	20-22	Tushai 310HP	G2×1.0"/4×1	2850	3100x1520×2400
KSCY-24/23 (without brake)	2.3	24	Tushai 340HP	G2×1.0"/4x1	4450	3500x1950x2030
KSCY-24/23 (with brake)	2.3	24	Tushai 340HP	G2×1.0"/4×1	4450	3500x1950x2030
KSCY-310/22	2.2	21	Tushai 310HP	G2×1.0"/4x1	3300	4300×2090x2470
KSCY-310/22K	2.2	21	Xichai 310HP	G2×1.0"/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	G2×1, G³/4×1	1750	2700×1700×1700
KSDY-12.5/10	1	12.5	75	G2×1, G³/4×1	1750	2700×1700×1700
KSDY-10/14.5 (two wheels)	1.45	10	75	G2×1, G³/4×1	1600	2500×1530×1700
KSDY-16.5/8	0.8	16.5	90	G2×1, G³/4×1	1940	2730×1680×1800
KSDY-13/14.5 (two wheels)	1.45	13	90	G2×1, G³/4×1	1780	2700×1670×1800
KSDY-13/14.5 (four-wheel)	1.45	13	90	G2×1, G³/4×1	1910	2730×1680×1800
KSDY-20/8	0.8	20	110	G2×1, G³/4×1	3115	3065×1835×2000
KSDY-16.5/12	1.2	16.5	110	G2×1, G³/4×1	3000	3065×1835×2000
KSDY-24/8	0.8	24	132	G2×1, G³/4×1	3150	3065×1835×2000
KSDY-18/13	1.3	18	132-2 poles	G2×1, G³/4×1	3070	3065×1835×2000
KSDY15/17	1.7	15	132-2 poles	G2×1, G³/4×1	2975	3065×1835×2000
KSDY-22/18-11	1.8	22	132-4 poles	G2×1, G³/4×1	3700	3400×1620×2200
KSDY-20/18-11	1.8	20	132-2 poles	G2×1, G³/4×1	3100	3400×1620×2200

Product model	Exhaust pressure (Mpa)	Displacement (m³/min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
KLGP 20.5/20-200T	2	20.5	185	G2×1, G³/4×1	5000	3970×1820×2285
KLGP 17/18-160T	1.8	17	132	G2×1, G³/4×1	3700	3400×1620×2200
KLGP 11.8/13-110T	1.3	13	90	G2×1, G³/4×1	1910	2730×1680×1800
KLGP 24/8-160T	0.8	24	132	G2×1, G³/4×1	3150	3065×1835×2000
KLGP 27/25-315T	2.5	27	280	G2×1, G³/4×1	5950	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	Tuchai 120HP	G11/4x1, G3/4x1	1550	3232x1760x1891
KSCY-425/10	1	12	Tuchai 160HP	G11/4×1, G³/4x1	1880	3336x1880×2224
KSCY-550/13	1.3	15	Tuchai 190HP (four cylinder)	G11/4×1, G³/4x1	2400	3337x1880×2334
KSCY-670/12-550/15	1.2-1.5	16-15	Tuchai 190HP (six cylinder)	G2×1, G³/4x1	2400	3920x1480x2356
KSCY-670/12-550/15K	1.2-1.5	16-15	Cummins 190HP	G2×1, G³/4x1	2000	3920x1480x2392
KSCY-650/20-700/17T	2.0-1.7	18-19	Tuchai 260HP	G2×1, G³/4x1	2800	3068x1520x2426
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	G2×1, G³/4x1	2700	3068x1520x2476
LACT-5/6/75	0.8	5	Zichai 50HP	G1×1, G³/2x1	740	1660x1020×1610
LACT-17/18-18/15T	1.8-1.5	17-18	Tuchai 220HP	G2×1, G3/4x1	2500	3070x1520x2426
LACT-17/18-18/15TK	1.8-1.5	17-18	Cummins 210HP	G2×1, G3/4x1	2200	3070x1520×2462
LACT-19/21-21/18	2.1-1.8	19-21	Tuchai 260HP	G2×1, G³/4x1	3600	3351×1570x2555
LACT-27/25-29/18	2.5-1.8	27-29	Tuchai 400HP	G2×1, G3/4x1	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.



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