



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 air compressor diesel electric, high pressure air compressor 2.5Mpa, industrial air compressor 50-400HP**

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Product Description

Product Description:

Aipu mobile air compressor is an efficient power equipment designed specifically for outdoor operations, mining, construction sites, road construction, and other scenarios. Integrated with diesel engine (or electric motor) and screw/piston compressor, it has the characteristics of easy mobility, strong power, high reliability, and is suitable for outdoor work environments without fixed power sources.

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 (m ³ /min)	Supporting engine power (HP)	Exhaust interface	Weight (kg)	External dimensions (mm)
LGCT-11/18T two wheeler	1.8	11	Tuchai 160HP (four cylinder)	G1/2x1, 0°/4x1	2100	3500x2000x1930
LGCT-15/18-17/12T	1.8-1.2	15-17	Tuchai 190HP (six cylinder)	G2×1, 0°/4x1	2200	3000x1520x2300
LGCT-17/18-16/15T	1.8-1.5	17-18	Tuchai 220HP	G2×1, 0°/4x1	2500	3000x1520x2300
LGCT-17/18-16/15TK	1.8-1.5	17-18	Cummins 210HP	G2×1, 0°/4x1	2200	3000x1520x2300
LGCT-19/21-21/18	2.1-1.8	19-21	Tuchai 260HP	G2×1, 0°/4x1	3600	3300x1700x2350
LGCT-19/21-21/18K	2.1-1.8	19-21	Cummins 260HP	G2×1, 0°/4x1	3600	3300x1700x2350
LGCT-21/21-23/18	2.1-1.8	21-23	Tuchai 310HP	G2×1, 0°/4x1	3900	3300x1800x2300
LGCT-23/23-25/18	2.3-1.8	23-25	Tuchai 340HP	G2×1, 0°/4x1	4050	4150x1950x2950
LGCT-23/23-25/18K	2.3-1.8	23-25	Cummins 360HP	G2×1, 0°/4x1	4650	4150x1950x2950
LGCT-27/25-29/18	2.5-1.8	27-29	Tuchai 400HP	G2×1, 0°/4x1	4500	4000x1950x2950
LGCT-25/23-27/18K	2.3-1.8	25-27	Cummins 360HP	G2×1, 0°/4x1	4650	4150x1950x2950
LGCT-26/25	2.5	26	Tuchai 560HP	G2×1, 0°/4x1	6800	4700x2160x2950
LGCT-26/25K	2.5	26	Cummins 550HP	G2×1, 0°/4x1	6800	4700x2160x2950
LGCT-33/25	2.5	33	Tuchai 560HP	G2×1, 0°/4x1	6800	4700x2160x2950
LGCT-33/25K	2.5	33	Cummins 550HP	G2×1, 0°/4x1	6800	4700x2160x2950
LGCT-39/25	2.5	39	Chongqing Cummins 700HP	G2×1, 0°/4x1	7110	4950x2160x2970
LGCT-39/25A	2.5	39	Caterpillar 700	G2×2	8000	5000×2200x2950
LGCT-33/35	3.5	33	Chongqing Cummins 700HP	G2×1, 0°/4x1	7110	4950x2160x2970
LGCT-33/35A	3.5	33	Caterpillar C18-650HP	G2×2	8000	5000x2200x2950
LGCT-43/25-37/35T	2.5-3.5	37-43	Volvo 760HP	G2×1, 0°/4x1	8478	5060×2240×2795
LGCT-30/4TK	0.8	30	Cummins 260HP	G21/2x1, 0°/4x1	3200	3600×1800x2480
LGCT-35/10TK	1	25	Cummins 260HP	G21/2x1, 0°/4x1	3200	3600x1800x2480
LGCT-21/13TK	1.3	21	Cummins 260HP	G2°2x1, 0°/4x1	3200	3600x1800x2480
LGCT-19/21-21/18K	2.1-1.8	19-21	Tichai 280HP	G2×1, 0°/4x1	3750	4900x2090x2670
LGDT-16/18G	1.8	18	1600M	G2×1, 0°/4x1	4450	3970×1820×2285
LGDT-22/20G	2	22	2000M	G2×1, 0°/4x1	5000	3970×1820×2285
LGDT-27/20G	2	27	2500M	G2×1, 0°/4x1	5620	4115×1950×2440
LGDT-29/20G	2	29	2800M	G2×1, 0°/4x1	5960	4115×1950×2440
LGDT-33/24G	2.4	33	3150M	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, G1/2×1	740	1660×1020×1610
LGCY-6/7E	0.7	6	Xichai 75HP	G1' /4×1, G' /4×1	1400	3240×1760×1850
LGCY-9/7	0.7	9	Fuchai 120HP	G1/4×1, G' /4×1	1550	3240×1760×1785
LGCY-12/10	1	12	Fuchai 160HP	G1/4×1, G' /4×1	1880	3300×1880×2100
LGCY-12/10E (China II)	1	12	Cummins 150HP (National II)	G1/4×1, G' /4×1	1800	3500×1850×2100
LGCY-12.5/14L two wheeled vehicle	1.4	12.5	Cummins 180HP	G2x1, G' /4×1	2280	3500×1900×2200
LGCY-14/14L two wheeled	1.4	14	Cummins 210HP	G2x1, G' /4×1	2400	3620×1980×2356
LGCY-22/8E	0.8	22	Cummins 260HP	G2x1, G' /4×1	4000	3764×1800×2213
LGCY-27/10	1	27	Fuchai 340HP	G2x1, G' /4×1	4800	4300×1950×2900
LGCY-27/10E	1	27	Cummins 360HP	G2x1, G' /4×1	5000	4600×1950×2950
LGCY-32/10	1	32	Fuchai 400HP	G2×1, G' /4×1	5000	4600×1950×2950
LGCY-32/10E	1	32	Cummins 360HP	G2x1, G' /4×1	5000	4600×1950×2950
LGCY-65/5	0.5	65	Fuchai 560HP	DN125 flange	8500	4500×2350×2380
LGCY-65/5	0.5	65	Fuchai 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-6.2/8GT	0.8	6.2	378N-2-B35	G11/4×1, G' /4×1	1120	3120×1445×1480
LG-10/8GT	0.8	10	958N-2-B35	G11/2×1, G' /4×1	1200	3120×1445×1480
LG-13/8GT	0.8	13	768N-2-B35	G2x1, G' /4×1	1750	2700×1700×1700
LG-16/8GT	0.8	16	908N-2-B35	G2x1, G' /4×1	1940	2730×1680×1800
LG-16/8GT	0.8	16	2000N-2-B35	G2×1, G' /4×1	8000	4050×1950×2440
LG-30/10GT	1	30	2000N-2-B35	G2x1, G' /4×1	8000	4050×1950×2440
LG-40/8GT	0.8	40	2200N-2-B35	G3x1, G' /4×1	5500	4500×1950×2500
LG-46/8GT	0.8	46	2500N-4-B35	G3x1, G' /4×1	6200	4930×2100×2560
LG-40/10GT	1	40	2500N-2-B35	G3x1, G' /4×1	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	1160×760×920
LGT-2.8/8	0.8	2.8	15	G1×2	350	1485×815×1005
LGY-2.4/10	1	2.4	15	G1×2	350	1485×815×1005
LGY-3.6/8G	0.8	3.6	18.5	G1×2	360	1550×900×1130
LGT3.6/10E	1	3.6	22	G1×2	300	1550×900×1130
LGT-4.5/8	0.8	4.5	22	G1×2	420	1480×900×1115
LGT-4.5/10	1	4.5	30	G1×2	440	1480×900×1115
LGT-5/8	0.8	5	30	G1×2	440	1480×900×1115
LGT-5/8G	0.8	5	30	G1×2	480	1570×900×1130
LGY-5/8 Double Can	0.8	5	Xichai 50HP	G1×1, G1/2×1	740	1660×1020×1610
LGT-5/8GT	0.8	5	30	G1×2	460	1570×900×1130

KSCY diesel generator

set

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, G' /2×1	970	2500×1350×1500
KSCY-220/8E	0.8	6	Xichai 75HP	G1/4×1, G' /4×1	1400	3240×1760×1850
KSCY-330/8	0.8	9	Fuchai 120HP	G1/2×1, G' /4×1	1550	3240×1760×1785
KSCY-330/8E	0.8	9	Cummins 125HP	G1/2×1, G3/4×1	1550	3240×1760×1785
KSCY-425/10	1	12	Fuchai 160HP	G1/2×1, G' /4×1	1880	3300×1880×2100
KSCY-425/10E	1	12	Cummins 150HP (National II)	G1/2×1, G' /4×1	1800	3500×1850×2100
KSCY-400/14.5	1.5	11	Fuchai 160HP	G1/2×1, G' /4×1	1880	3300×1880×2100
KSCY-400/14.5E	1.5	11	Cummins 150HP (National II)	G1/2×1, G' /4×1	1800	3600×1850×2100
KSCY-550/13	1.3	15	Fuchai 190HP (four cylinder)	G1/2×1, G3/4×1	2400	3000×1520×2200
KSCY-550/13E	1.45	15	Cummins 180HP (National II)	G11/2×1, G' /4×1	2050	3000×1520×2200
KSCY-670/12-650/15	1.2-1.5	16-15	Fuchai 190HP (six cylinder)	G1/2×1, G' /4×1	2400	3020×1520×2180
KSCY-670/12-650/15E	1.2-1.5	16-15	Cummins 180HP	G1/2×1, G' /4×1	2200	3020×1520×2180
KSCY-560/15	1.5	16	Fuchai 220HP	G2×1, G' /4×1	2400	3000×1520×2200
KSCY-560/15E	1.2-1.5	16-15	Cummins 210HP	G2×1, G' /4×1	2200	3000×1520×2232
KSCY-650/20-700/17T	2.0-1.7	18-19	Fuchai 260HP	G2×1, G' /4×1	2800	3000×1520×2390
KSCY-650/20-700/17E	2.0-1.7	18-19	Cummins 260HP	G2×1, G' /4×1	2700	3000×1520×2390
KSCY-750/20-800/17T	2.0-1.7	20-22	Fuchai 310HP	G2×1, G' /4×1	2850	3100×1520×2400
KSCY-24/23 (without brake)	2.3	24	Fuchai 340HP	G2×1, G' /4×1	4450	3500×1950×2030
KSCY-24/23 (with brake)	2.3	24	Fuchai 340HP	G2×1, G' /4×1	4450	3500×1950×2030
KSCY-310/22	2.2	21	Fuchai 310HP	G2×1, G' /4×1	3300	4300×2090×2470
KSCY-310/22E	2.2	21	Xichai 310HP	G2×1, G' /4×1	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, G' /4×1	1750	2700×1700×1700
KSDY-12.5/10	1	12.5	75	G2×1, G' /4×1	1750	2700×1700×1700
KSDY-10/14.5 (two wheels)	1.45	10	75	G2×1, G' /4×1	1600	2500×1530×1700
KSDY-16.5/8	0.8	16.5	90	G2×1, G' /4×1	1940	2730×1680×1800
KSDY-13/14.5 (two wheels)	1.45	13	90	G2×1, G' /4×1	1780	2700×1670×1800
KSDY-13/14.5 (Four-wheel)	1.45	13	90	G2×1, G' /4×1	1910	2730×1680×1800
KSDY-20/8	0.8	20	110	G2×1, G' /4×1	3115	3065×1835×2000
KSDY-16.5/12	1.2	16.5	110	G2×1, G' /4×1	3000	3065×1835×2000
KSDY-24/8	0.8	24	132	G2×1, G' /4×1	3150	3065×1835×2000
KSDY-18/13	1.3	18	132-2 poles	G2×1, G' /4×1	3070	3065×1835×2000
KSDY16/17	1.7	15	132-2 poles	G2×1, G' /4×1	2975	3065×1835×2000
KSDY-22/10-11	1.8	22	132-4 poles	G2×1, G' /4×1	3700	3400×1620×2200
KSDY-20/10-11	1.8	20	132-2 poles	G2×1, G' /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	185	G2×1, G' /4×1	5000	3970×1820×2285
KLGF 17/18-160T	1.8	17	132	G2×1, G3/4×1	3700	3400×1620×2200
KLGF 11.8/13-110T	1.3	13	90	G2×1, G' /4×1	1910	2730×1680×1800
KLGF 24/8-160T	0.8	24	132	G2×1, G' /4×1	3150	3065×1835×2000
KLGF 27125-315T	2.5	27	280	G2×1, G' /4×1	5950	4115×1950×2440

T4 diesel screw

compressor unit

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Mpa)	(m³/min)	(HP)		(kg)	(mm)
KSCY-330/8	0.8	9	Tushai 120HP	G11/4x1, G3/4x1	1550	323x170x1891
KSCY-425/10	1	12	Tushai 160HP	G11/4x1, G1/4x1	1880	336x1880x2224
KSCY-650/13	1.3	15	Tushai 190HP (four cylinder)	G11/4x1, G1/4x1	2400	337x1880x2334
KSCY-670/12-650/15	1.2-1.5	16-15	Tushai 190HP (six cylinder)	G2x1, G1/4x1	2400	390x1450x2356
KSCY-670/12-650/15E	1.2-1.5	16-15	Cummins 190HP	G2x1, G1/4x1	2000	390x1450x2392
KSCY-650/20-700/17T	2.0-1.7	18-19	Tushai 260HP	G2x1, G1/4x1	2900	3068x1520x2426
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	G2x1, G1/4x1	2700	3068x1520x2476
LACT-5/8 Double tank	0.8	5	Xinhai 50HP	G1x1, G1/2x1	740	1660x1020x1610
LACT-17/18-18/15T	1.8-1.5	17-18	Tushai 220HP	G2x1, G3/4x1	2550	3070x1520x2426
LACT-17/18-18/15TK	1.8-1.5	17-18	Cummins 210HP	G2x1, G3/4x1	2200	3070x1520x2462
LACT-19/21-21/18	2.1-1.8	19-21	Tushai 260HP	G2x1, G1/4x1	3600	3351x1570x2555
LACT-27/25-29/18	2.5-1.8	27-29	Tushai 400HP	G2x1, G3/4x1	4500	3656x2000x2802

Applications:

1. Mining and tunnel engineering

Drilling and blasting: providing high-pressure air power for rock drills, down the hole drilling machines, etc.
Ventilation and dust removal: auxiliary ventilation for tunnel construction to eliminate harmful gases or dust.
Spraying support: Drive concrete spraying equipment for rock wall reinforcement.

2. Construction and Municipal Engineering

Pneumatic tools: Drive removal or installation tools such as pneumatic picks, drills, rivet guns, etc.
Road surface fragmentation: supports fragmentation hammer operation, used for old road reconstruction or foundation treatment.
Pipeline testing: Conduct pressure sealing testing on water and gas pipelines.

3. Petroleum and Energy Industry

Oilfield operations: Provide compressed air for downhole tools and wax removal equipment.
Pipeline blowing: Remove impurities or residues from oil/gas pipelines.
Emergency repair: Equipment drive in outdoor environments without power supply.

4. Transportation and railway maintenance

Track construction: Drive nail guns, track grinders, etc.
Bridge maintenance: used for rust removal, spraying, prestressing and tensioning of steel structures.

5. Manufacturing and factories

Temporary gas supply: used as a backup gas source during factory power outages or production line expansions.
Equipment debugging: Provide power for testing automated pneumatic components and valves.

6. Agriculture and Special Scenarios

Irrigation of farmland: Drive sprinkler irrigation equipment or pneumatic fertilizer applicator (requiring anti-corrosion design).
Disaster rescue: pneumatic tool support for emergency drainage and debris cleaning.

7. Other fields

Ship maintenance: Gas supply for pneumatic equipment in ports or shipyards.
Military engineering: power support for field equipment and engineering machinery.

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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