

# and Powerful Air Compressor for High Standards and Demanding Workloads in Manufacturing Industry

# **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 HPMotor Power: 37-355kW

#### **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 sout 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:

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Hp a)	(m <sup>3</sup> /min)	(HP)		(kg)	(mm)
LGCY-11/18T two wheeler	1.8	11	Yuchai 160MP (four cylinder)	G1/2x1, G2/4x1	2100	3500x2000x1930
LGCY-15/18-17/12T	1.8-1.2	15-17	Yuchai 190HP (six cylinder)	62×1, 61/4x1	2200	3000x1520x2300
LGCY-17/18-18/15T	1.8-1.5	17-18	Yuchai 220HP	G2×1, G3/4x1	2500	3000x1520x2300
LGCY-17/18-18/16TK	1.8-1.5	17-18	Cunnins 210MP	G2×1, G1/4x1	2200	3000x1520x2300
LGCY-19/21-21/18	2.1-1.8	19-21	Yuchai 260HP	G2×1, G1/4x1	3600	3300x1700x2360
LGCY-19/21-21/18K	2.1-1.8	19-21	Cunning 260HP	62×1, 63/4x1	3600	3300x1700x2350
LGCY-21/21-23/18	2.1-1.8	21-23	Yuchai 310HP	G2×1, G1/4x1	3900	3300x1800x2300
LGCY-23/23-25/18	2.3-1.8	23-25	Yuchai 340HP	G2×1, G1/4x1	4850	4150x1960x2860
LGCY-23/23-25/18K	2.3-1.8	23-25	Cunmins 360HP	62×1, 61/4x1	4850	4150x1950x2850
LGCY-27/25-29/18	2.5-1.8	27-29	Yuchai 400HP	62×1,61/4x1	4500	4000±1950±2650
LGCY-25/23-27/18K	2.3-1.8	26-27	Cunning 360HP	G2×1, G1/4x1	4850	4150x1960x2860
LGCY-26/25	2.5	26	Yuchai 560HP	G2×1, G1/4x1	6800	4700x2160x2650
LOCY-26/25K	2.5	26	Cummins 550HP	62×1, 63/4x1	6800	4700x2160x2650
LGCY-33/25	2.5	33	Yuchai 560MP	G2×1, G1/4x1	6800	4700±2160±2650
LGCY-33/25K	2.5	33	Cuneins 550HP	G2×1, G1/4x1	6800	4700x2160x2650
LOCY-39/25	2.5	39	Chongqing Cummins 700HP	62×1, 61/4x1	7110	4850±2160±2970
LGCY-39/25A	2.5	39	Caterpillar 700	G2×2	8000	5000×2200±2850
LGCY-33/35	3.5	33	Chongqing Cummins 700HP	G2×1, G1/4x1	7110	4850x2160x2970
LOCY-33/35A	3.5	33	Caterpillar C18-650MP	62×2	8000	5000x2200x2850
LOCY-43/25-37/35Y	2.5-3.5	37-43	Volvo 7600EP	62×1, 63/4x1	8478	5060×2240×2795
LGCY-30/8TK	0.8	30	Commiss 260HP	G21/2x1, G <sup>2</sup> /4x1	3200	3600×1800x2480
LGCY-25/10TK	1	25	Cunning 260HP	G21/2x1, G <sup>3</sup> /4x1	3200	3600x1800x2480
LOCY-21/13TK	1.3	21	Cummins 260HP	62' 2x1, 63/4x1	3200	3600x1800x2480
LGCY-19/21-21/18X	2.1-1.8	19-21	Xichai 280MP	G2×1, G1/4x1	3750	4900±2090±2670
JGDY-18/18G	1.8	18	1608W	62×1, 63/4x1	4450	3970×1820×2285
LGDY-22/20G	2	22	200809	62×1, 61/4x1	5000	3970×1820×2285
LGDY-27/20G	2	27	2508W	62×1, 61/4x1	5620	4115×1950×2440
LGDY-29/20G	2	29	2808W	62×1, 61/4x1	5850	4115×1950×2440
LGDY-33/24G	2.4	33	31530V	62×1, 61/4x1	8000	4930×2100×2560

# LGCY single-stage compression diesel series unit

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Mpm)	(m²/min)	(HP)		(kg)	(mm)
LGCY-5/8 Bouble Can	0.8	5	Nichai 500F	G1×1, G1/2×1	740	1660x1020x1610
LGCY-6/7X	0. 7	6	Xichai 75MP	G1' /4×1, G1 /4×1	1400	3240×1760x1850
L9CT-9/7	0. 7	9	Yuchai 120MP	G1/4×1, G1/4x1	1550	3240×1760x1785
L9CY-12/10	1	12	Yuchai 160MP	G1/4×1, G1/4x1	1880	3300×1880×2100
LGCY-12/10K (China II)	1	12	Cummins 150HP (National II)	G1/4×1, G1/4×1	1800	3500×1850x2100
LGCT-12.5/14L two wheeled vehicle	1.4	12.5	Cummins 180HP	G2x1, G <sup>3</sup> /4×1	2280	3500×1980×2200
LGCT-14/14L two wheels	1.4	14	Cunnins 210HP	G2x1, G2/4×1	2400	3520×1960×2356
LOCT-22/8K	0.8	22	Cunnius 260HP	62x1, 63/4×1	4000	3764×1800×2213
LGCT-27/10	1	27	Yuchai 3400P	G2x1, G34x1	4800	4300*1950*2900
LGCY-27/10K	1	27	Cunnins 360HP	G2x1, G2/4x1	5000	4600×1950x2850
LOCY-32/10	1	32	Yuchai 400HP	62×1, 63/4x1	5000	4600×1950×2850
LGCT-32/10K	1	32	Cunnins 360HP	G2x1, G <sup>3</sup> /4x1	5000	4600×1950x2050
L909-65/5	0.5	65	Yuchai 560MP	DW125 flange	8500	4500×2350x2380
L009-65/5	0.5	65	Yuchai 560MP	DN125 flange	8500	4500×2350×2380
LGCG-65/5CX	0.5	65	Cunning 600MP	BN125 flange	8200	4760×2360×2430
L909-65/508H	0.5	65	Cunnins 600HP	DN125 flange	8100	4800×2230×2455

LGDY Single stage

### compression electric series unit

Product model	Ezhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Mpa)	(m'/min)	(HP)		(kg)	(mm)
LG-6. 2/8GY	0.8	6.2	37KV-2-B35	G11/4×1, G3/4x1	1120	3120×1445×1480
LG-10/86Y	0.8	10	55KV-2-B35	G11/2×1, G3/4x1	1200	3120×1445×1480
LG-13/8GY	0.8	13	76KV-2-B36	G2x1, G <sup>2</sup> /4x1	1750	2700×1700×1700
LG-16/8GY	0.8	16	90KV-2-B35	92x1, 63/4x1	1940	2730×1680×1800
LG-35/8GY	0.8	35	200M-2-B35	62×1, 61/4x1	5000	4050×1950×2440
LG-30/10GY	1	30	200KV-2-B35	92x1, 6 <sup>2</sup> /4x1	5000	4050×1950×2440
LG-40/8GY	0.8	40	220NV-2-B36	G3x1, G <sup>3</sup> /4x1	5500	4500×1950×2500
LG-46/8GY	0.8	46	250NV-4-R35	G3x1, G <sup>3</sup> /4x1	6200	4930×2100×2560
LG-40/10GY	1	40	250W-2-B35	G3x1, G <sup>2</sup> /4x1	5800	4930×2100×2560
LG-40/10GY	1	40	250NV-2-B35	G3x1, G <sup>2</sup> /4x1	5800	4930×2100×2560

# LGY Double can series products

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	<b>V</b> eight	External dimensions
	(Mpa)	(m <sup>2</sup> /min)	(HP)		(kg)	(mm)
LGY-2. 8/8T	0.8	2.8	16	G1	254	116017601920
LGY-2. 8/8	0.8	2.8	15	61×2	350	1485×815X1005
LGY-2.4/10	1	2.4	15	61×2	350	1485×81511005
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	61×2	420	1480X900X1115
LGY-4. 8/10	1	4.8	30	G1×2	440	1480190011115
LGY-5/8	0.8	6	30	G1×2	440	1480×900X1115
LGY-5/8G	0.8	5	30	61×2	480	1570×900X1130
LGCY-5/8 Bouble Can	0.8	5	Richai 50MP	G1×1, G1/2X1	740	1660×1020×1610
LGY-6/8GT	0.8	6	30	G1×2	460	1570X900X1130

KSCY diesel generator

#### set

Froduct model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	<b>V</b> eight	External dimensions
	(Mpa)	(m'/min)	(HP)		(kg)	(nm)
ESCT-175/8	0.8	5	Nichai 50HP	G1×1, G'/2x1	970	2500±1350±1500
KSCY-220/8X	0.8	6	Xichai 7610	G1/4×1, G <sup>2</sup> /4×1	1400	3240x1760x1850
RSCY-330/8	0.8	9	Yuchai 120HP	G1/2×1, G <sup>1</sup> /4x1	1550	3240x1760x1785
ESC1-330/8E	0.8	9	Cummins 125HP	G1/2×1, G3/4x1	1550	3240×1760x1785
ESCY-425/10	1	12	Yuchai 160MP	G1/2×1, G <sup>1</sup> /4x1	1880	3300x1880x2100
RSCY-425/10K	1	12	Cummins 150HP (National II)	G1/2×1, G*/4x1	1800	3500×1850x2100
ESCY-400/14.5	1.5	11	Tuchai 160HP	G1/2×1, G1/4x1	1880	3300±1880×2100
KSCY-400/14.5K	1.5	11	Cummins 150MP (National II)	G1/2×1, G1/4x1	1800	3500±1850×2100
ESCY-650/13	1.3	15	Yuchai 190HP (four sylinder)	G1/2×1, G3/4x1	2400	3000×1520×2200
RSCY-550/13K	1.45	15	Cummins 180HP (National II)	G11/2×1, G1/4x1	2050	3000x1520x2200
ESCT-570/12-550/15	1.2-1.5	16-15	Yuchai 190MP (six cylinder)	G1/2×1, G <sup>3</sup> /4x1	2400	3020±1520×2180
KSCY-670/12-660/16K	1.2-1.5	16-15	Cummins 180MP	G1/2×1, G <sup>2</sup> /4×1	2200	3020x1520×2180
RSCY-560/15	1.5	16	Yuchai 220HP	G2×1, G3  4×1	2400	3000x1520×2200
KSCT-560/15K	1.2-1.5	16-15	Cussins 210HP	G2×1, G3/4×1	2200	3000×1520×2232
KSCT-650/20-700/17T	2.0-1.7	18-19	Yuchai 260MP	G2×1, G2  4×1	2800	3000x1520×2390
KSCY-650/20-700/17TK	2.0-1.7	18-19	Cummins 260HP	G2×1, G3/4×1	2700	3000x1520×2390
KSCY-750/20-600/17T	2.0-1.7	20-22	Tuchai 310HP	02×1, 63/4×1	2850	3100±1520×2400
ESCY-24/23 (without brake)	2.3	24	Yuchai 340HP	G2×1, G²/4x1	4450	3500x1950x2030
RSCY-24/23 (with brake)	2.3	24	Yuchai 340HP	G2×1, G <sup>2</sup> /4×1	4450	3500x1950x2030
RSCY-310/22	2. 2	21	Tuchai 310HP	G2×1, G3/4x1	3300	4300×2090x2470
KSCY-310/22X	2. 2	21	Kichai 310MP	G2×1, G3/4x1	3400	4300×2090×2470

KSDY diesel generator set

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Mp a)	(m²/min)	(HP)		(kg)	(mm)
KSDY-13.6/8	0.8	13.6	75	G2×1, G2/4×1	1750	2700×1700×1700
KSDY-12.5/10	1	12.5	75	62×1, 61/4×1	1750	2700×1700×1700
KSDY-10/14.5 (two wheels)	1.45	10	75	62×1, 61/4×1	1600	2500×1530×1700
KSDY-16.5/8	0.8	16.5	90	G2×1, G2/4×1	1940	2730×1680×1800
KSDY-13/14.5 (two	1.45	13	90	62×1, 6²/4×1	1760	2700×1670×1800
KSDY-13/14.5 (four- wheel)	1.45	13	90	62×1, 67/4×1	1910	2730×1680×1800
KSDY-20/8	0.8	20	110	62×1, 63/4×1	3115	3065×1835×2000
KSDY-16.5/12	1.2	16.5	110	G2×1, G1/4×1	3000	3065×1835×2000
KSDY-24/8	0.8	24	132	G2×1, G1/4×1	3150	3065×1835×2000
KSDY-18/13	1.3	18	132-2 poles	62×1, 63/4×1	3870	3065×1835×2000
KSDY15/17	1.7	15	132-2 poles	G2×1, G <sup>3</sup> /4×1	2975	3065×1835×2000
KSDY-22/18-11	1.8	22	132-4 poles	62×1, 61/4×1	3700	3400×1620×2200
KSDY-20/18-11	1.8	20	132-2 poles	62×1, 63/4×1	3100	3400×1620×2200

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Mpa)	(m'/min)	(HP)		(kg)	(mm)
KLGF 20.5/20-200T	2	20.5	185	62×1, 61/4×1	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	02×1, 61/4×1	1910	2730×1680×1800
MLGF 24/8-160T	0.8	24	132	62×1, 61/4×1	3150	3065×1835×2000
MLGF 27125-315T	2.5	27	280	02×1, 6º /4×1	5850	4115×1960×2440

T4 diesel screw

#### compressor unit

Product model	Exhaust pressure	Displacement	Supporting engine power	Exhaust interface	Weight	External dimensions
	(Wpa)	(m'/min)	(HP)		(kg)	(nn)
KSCY-330/8	0.8	9	Yuchai 1200P	G11/4x1, G34x1	1550	3232±1760±1891
MSCY-425/10	1	12	Yuchai 1600P	G1/4×1, G1/4x1	1880	3336x1880×2224
ESCY-650/13	1.3	15	Yuchai 1900P (four cylinder)	G11/4×1, G14x1	2400	3337x1880×2334
ESCY-570/12-550/15	1.2-1.5	16-15	Yuchai 1900P (six cylinder)	G2×1, G <sup>2</sup> 4x1	2400	3920x1480x2356
RSCY-670/12-660/16K	1.2-1.5	16-15	Cumnins 190HP	G2×1, G3/4x1	2000	3920x1480x2392
ESCY-650/20-700/17T	2.0-1.7	18-19	Yuchai 2600P	G2×1, G14x1	2800	3068±1520±2426
ESCY-650/20-700/17TK	2.0-1.7	18-19	Cumina 260MP	G2×1, G <sup>2</sup> /4x1	2700	3068±1520±2476
LGCY-5/8 Nouble tank	0.8	6	Kichai 50MP	G1×1, G'/2x1	740	1660x1020×1610
LGCY-17/18-18/15T	1.8-1.5	17-18	Yuchai 2200P	G2×1, G3/4x1	2500	3070±1520±2426
LGCY-17/18-18/15TK	1.8-1.5	17-18	Cumning 210MP	G2×1, G3/4x1	2200	3070x1520×2462
LGCY-19/21-21/18	2.1-1.8	19-21	Yuchai 2600P	62×1, 6*4×1	3600	3351×1570x2555
LGCT-27/25-29/18	2.5-1.8	27-29	Yuchai 4000F	G2×1, G34x1	4500	3656±2000±2802

# **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.

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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