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Innovation

We prioritize innovation as the driving force behind our operations. Constantly exploring new ideas and technologies, we strive to bring forth inventive solutions that address our customers' evolving needs. Through a culture of curiosity and experimentation, we push boundaries to unlock new possibilities and drive progress in the compressed air industry.

Efficient

Efficiency is fundamental to our approach. We are dedicated to delivering streamlined and cost-effective solutions that optimize performance and add value for our customers. By continuously refining our processes and embracing agile methodologies, we ensure that every interaction with our brand is efficient and productive.

One-Stop Service

We are committed to providing comprehensive, all-in-one solutions for our customers' compressed air requirements. From initial consultation to ongoing support, we offer a seamless and integrated service experience. By consolidating expertise and resources under one roof, we simplify the customer journey and empower them to achieve their goals with ease.

Liuzhou Tech Machinery. Co., Ltd reserves the right to change or revise specifications and product design in connection with any features of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped. ©2025 LIUTECH. All rights reserved.



V202512



WE TAKE CARE OF YOUR
COMPRESSED AIR

LIUTECH PORTABLE COMPRESSOR
33-570KW



liutech.com.cn



We return reliable products and quality services to our customers



Liuzhou Tech Machinery Co., Ltd established in 1994, based on Liuzhou, join in Atlas Copco group in 2002 as subsidiary company. We provide “Liutech” brand air compressor to customers in all over the world.

Liutech hold ISO9001:2015, ISO14001:2015 and OHSAS 18001:2007 certificates of the Quality, Environmental and Occupational Health & Safety Management System.

Liutech products are with advanced technology from Europe, focus on customer needs in China and other export countries, meet the requirement for different applications. As company which pioneered to have screw air compressor production license, Liutech commit to brand promise “We take care your compressed air” , and develop more air solution to customers.



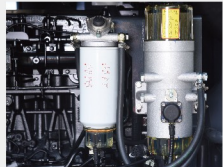
REPUTABLE ENGINE BRANDS

- Every model has a carefully selected engine from a well-known and respected partner. All components are protected inside the corrosion treated weatherproof hood.



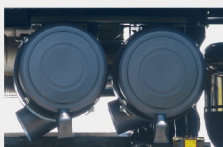
EFFICIENT FUEL FILTER

- High-efficiency multi-step fuel filtration with water separator isolates and traps contaminants



CLEAN INTAKE AIR

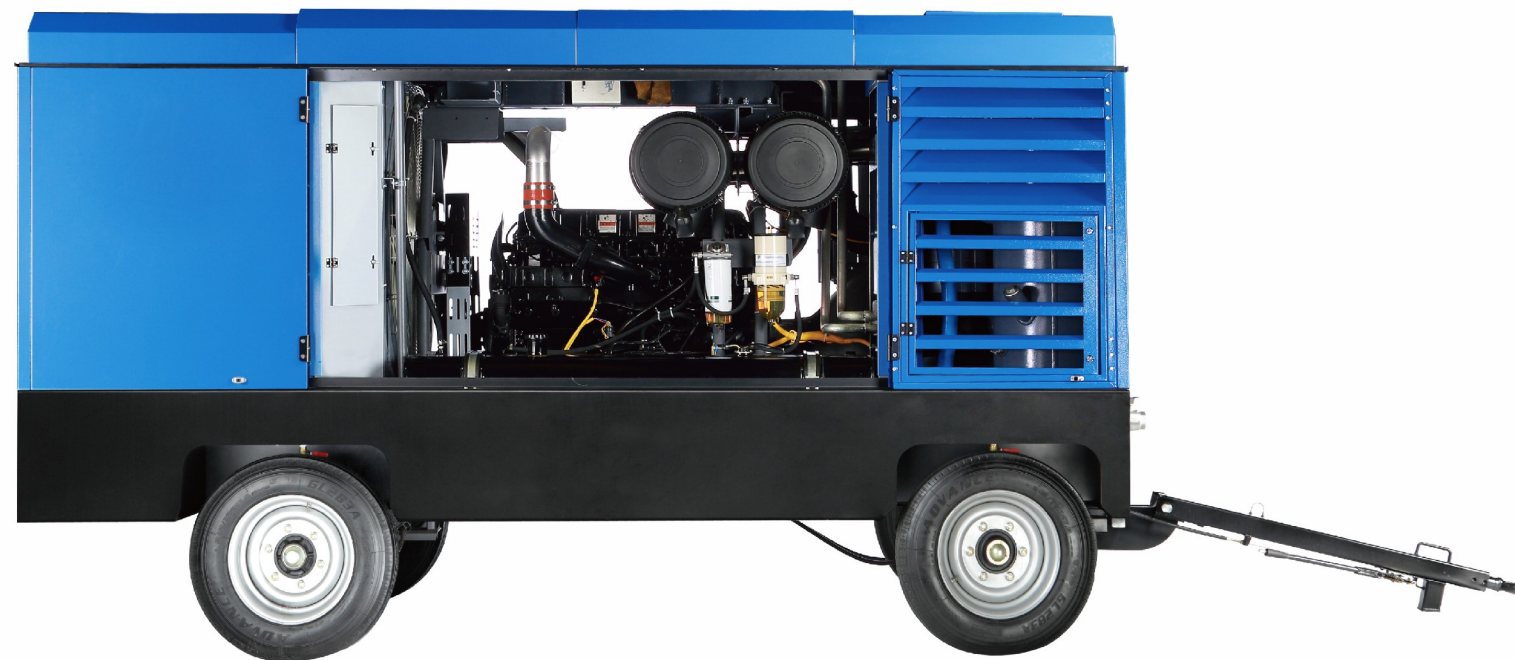
- A high performance two-stage air intake filter prevents dust and dirt particles from entering the engine and compressor. A service indicator on the filter tells you when it needs replacing.



EASY TO TRANSPORT

- Robust undercarriage design with torsional spring to ensure easy, safe transportability.

High Efficiency, Excellent performance Products with Famous brand Engine



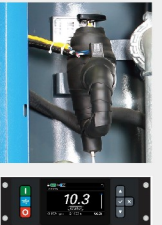
LARGE COOLING SURFACE

- Allowing optimal, intense use in high temperature environments, with working temperatures up to 50°C.



STEPLESS REGULATION

- The in-house designed controller together with the regulating system controls the engine speed to meet all customers' needs, while keeping fuel consumption low.



PATENTED POWERXPRT

- The intelligent controller features a very fast response curve PowerXpert can instantly increase the rpm of the engine to achieve the maximum flow, while regulating the engine power curve at any specific pressure to allow more flow, faster fushing and increased drilling capacity

ADVANCED SCREW ELEMENT TECHNOLOGY

- The asymmetric rotors allow for increased efficiency. In addition, a low rotor speed and few moving parts minimize wear and tear for reliable performance and a long service life



OPTION

- Air pre-filter for heavy duty condition
- Cold start
- Box mount
- After cooler
- Dual pressure
- EKON control

Infrastructure Construction

Application:

Liutech portable compressors are widely used in hand-held pneumatic tools at various construction sites, such as drilling small holes, core drilling, blasting, tamping, hammering, tamping, pumping, sawing, riveting, pneumatic pumps, etc.

For building construction, road construction, slope stabilization, and excavation and erection of foundations and roadbeds, Liutech portable compressors can provide the driving force for on-site construction equipment, such as pneumatic rock drills, plate cutters, drainage pumps, and walk-behind breakers.

- Recommended model: LUY050-7, LUY120-7, LUY150-13, LUY220-8, LUY200-10
- Flow: 5~22 m³/min(176~777 cfm)
- Working pressure: 7~13 bar(100~185 psi)

Utilities, Sandblasting

Application:

In the surface treatment work of shipyards, steel mills and other equipment industries, Liutech large air volume portable compressors can be equipped to complete the spraying of various abrasives, so as to remove rust, scale, paint, and make the surface of materials or objects smooth and shaped. The aftercooler can be configured to accommodate the higher humidity and temperature requirements of dry ice blasting, providing drier, cooler compressed air.

- Recommended model: LUY100-10, LUY120-7, LUY200-10, LUY220-8
- Flow: 10~22 m³/min(350~777 cfm)
- Working pressure: 7~10 bar(100~150 psi)



Mining, Photovoltaic Panel

Application:

In the mining of various types of minerals such as iron, copper, gold, limestone, etc., Liutech portable compressors can be equipped to provide power for various types of pneumatic drilling rigs. For the drilling operation of photovoltaic panel that require fast speed and high efficiency, it can be equipped with a Liutech portabel compressors with large air volume and medium high pressure specially set for photovoltaic to provide a strong guarantee for the stable support of photovoltaic panels.

- Recommended model: LUY170-18, LUY180-19, LUY180-20, LUY260-21
- Flow: 17~26 m³/min(600~920 cfm)
- Working pressure: 18~21 bar(260~300psi)

High Flow & Pressure Drilling, Nitrogen Production

Application:

In applications such as drilling wells, foundation construction and geothermal geology, the ideal bore diameter range is 4.5 to 8 inches, and can be equipped with a series of Liutech portable compressors with large air volume and high air pressure to provide powerful power for rotary drilling rigs such as DTH. Due to the performance characteristics of high atmospheric volume and high pressure, it is often selected for the matching of membrane separation nitrogen production equipment.

- Recommended model: LUY180-20, LUY300-25, LUY310-25, LUY350-34, LUY400-30, LUY360-35
- Flow: 18~40 m³/min(635~1415 cfm)
- Working pressure: 20~35 bar(290~508 psi)

SPECIFICATIONS

Type	LUY079-7	LUY105-12	LUY120-12	LUY110-12	LUY125-7	LUY130-15	LUY170-17
Working pressure, bar(psi)	7(100)	12(175)	12(175)	12(175)	7(100)	15(215)	17(250)
Flow (l/s cfm m3/min)	130 280 7.9	175 370 10.5	200 425 12	183 385 11	208 440 12.5	217 460 13	283 600 17
Compressor stage	1	1	1	1	1	1	1
Noise level (at 7m distance, dBA)	79±3	90±3	90±3	79±3	79±3	79±3	79±3
Fuel tank capacity (L)	185	190	190	185	185	190	300
Compressor oil capacity (L)	26	26	26	26	26	30	55
Outlet valves, qty x size	1×G1 1/2 3×G3/4	1×G1 1/2 1×G3/4	1×G1 1/2 1×G3/4	1×G1 1/2 3×G3/4	1×G1 1/2 3×G3/4	1×G1 1/2 1×G3/4	1×G2 1×G3/4

ENGINE

Engine exhaust emission	—	Tier 2	Tier 2	Tier 2	Tier 2	Tier 2	Tier 2
Engine brand	Cummins	Yuchai	Yuchai	Cummins	Cummins	Cummins	Cummins
Engine model	4BTA3.9-C80	YC4A125Z-T20	YC4A160L-T20	4BTAA3.9-C125	4BTAA3.9-C125	6BTAA5.9-C205	6CTA8.3-C260
Engine power (kW)	60	92	118	93	93	153	194
Max. engine speed (rpm)	1850	2300	2300	2300	2300	2000	2000
Unloading engine speed (rpm)	1300	1400	1400	1400	1400	1400	1500
Engine type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical

DIMENSION & WEIGHT - Box mounted

Length (mm)	2235	2225	2225	2235	2235	2750	2726
Width (mm)	1350	1385	1385	1350	1350	1500	1605
Height (mm)	1650	1550	1550	1650	1650	1900	1850
Weight (kg)	1300	1450	1490	1300	1300	1790	2380

DIMENSION & WEIGHT - With undercarriage

Length (mm)	2800	3435	3435	2800	2800	3000	4365
Width (mm)	1790	1815	1815	1790	1790	1990	1950
Height (mm)	1930	1885	1885	1930	1930	2200	2260
Weight (kg)	1550	1510	1550	1550	1550	1880	2685

SPECIFICATIONS

Type	LUY215-12	LUY235-9	LUY180-19	LUY215-21	LUY270-24	LUY360-35MDP
Working pressure, bar(psi)	12(175)	9(130)	19(275)	21(300)	24(350)	20(290)-30(435) 30(435)-35(510)
Flow (l/s cfm m3/min)	350 740 21	392 830 23.5	300 635 18	363 770 21.8	450 955 27	600 1275 36
Compressor stage	1	1	2	2	2	2
Noise level (at 7m distance, dBA)	79±3	79±3	79±3	79±3	83±3	83±3
Fuel tank capacity (L)	300	300	300	512	450	850
Compressor oil capacity (L)	55	55	55	65	75	105
Outlet valves, qty x size	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4

ENGINE

Engine exhaust emission	Tier 2	Tier 2	Tier 2	Tier 2	Tier 2	Tier 2
Engine brand	Cummins	Cummins	Cummins	Cummins	Yuchai	Yuchai
Engine model	6CTA8.3-C260	6CTA8.3-C260	6CTA8.3-C260	6LTAA8.9-C325	6MK400L-K20	YC6T600L-B20
Engine power (kW)	194	194	194	239	295	441
Max. engine speed (rpm)	2000	2000	2060	2000	1750.....2000	1500
Unloading engine speed (rpm)	1500	1500	1400	1300	1300	1100
Engine type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical

DIMENSION & WEIGHT - Box mounted

Length (mm)	2726	2726	2925	3850	3520	3850
Width (mm)	1605	1605	1604	1800	1670	2100
Height (mm)	1850	1850	1919	2200	2060	2460
Weight (kg)	2380	2380	2711	4250	3507	6100

DIMENSION & WEIGHT - With undercarriage

Length (mm)	4365	4365	4404	5620	3969	5690
Width (mm)	1950	1950	1965	2040	2142	2100
Height (mm)	2260	2260	2313	2660	2470	2690
Weight (kg)	2685	2685	2935	5200	4137	7100

SPECIFICATIONS

Type	LUY050-7	LUY150-15 A	LUY150-15 B	LUY180-20	LUY250-12
Working pressure (bar)	7	15	15	20	10
Flow (m3/min)	5	15	15	18	25
Compressor stage	1	1	1	2	1
Noise level (at 7m distance, dBA)	70±3	83±3	83±3	83±3	79±3
Fuel tank capacity (L)	67	180	180	325	512
Compressor oil capacity (L)	9	30	30	60	65
Outlet valves, qty x size	3x G3/4	1xG3/4 1xG1 1/2	1xG3/4 1xG1 1/2	1×G2 1×G3/4	1×G2 1×G3/4

ENGINE

Engine exhaust emission	GIII	GIII	GIII	GIII	GIII
Engine brand	Kubota	Cummins	Cummins	Cummins	Cummins
Engine model	V1505T	QSB5.9-C190	QSB5.9-C190	QSB6.7-C260-32	QSL8.9-C325-30
Engine power (kW)	33	142	142	194	242
Max. engine speed (rpm)	3000	2080	2080	2000	2000
Unloading engine speed (rpm)	1850	1400	1400	1300	1300
Engine type	Mechanical	Electronical	Electronical	Electronical	Electronical

DIMENSION & WEIGHT - Box mounted

Length (mm)	1848	2750	2750	3200	3985
Width (mm)	1040	1500	1500	1670	1800
Height (mm)	1154	1900	1900	1980	2200
Weight (kg)	650	1790	1790	2900	4235

DIMENSION & WEIGHT - With undercarriage

Length (mm)	2700	3000	3900	4550	5260
Width (mm)	1350	1990	1990	1770	1800
Height (mm)	1310	2200	2200	2410	2630
Weight (kg)	750	1880	1870	3400	4835

SPECIFICATIONS

Type	LUY260-21	LUY210-25	LUY320T	LUY350-34	LUY400-25
Working pressure (bar)	21	25	26	34	25
Flow (m3/min)	26	21.5	32	35	40
Compressor stage	2	2	2	2	2
Noise level (at 7m distance, dBA)	83±3	83±3	83±3	83±3	83±3
Fuel tank capacity (L)	450	450	510	710	710
Compressor oil capacity (L)	75	75	75	105	105
Outlet valves, qty x size	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4

ENGINE

Engine exhaust emission	GIII	GIII	—	GIII	GIII
Engine brand	Cummins	Cummins	Cummins	Cummins	Cummins
Engine model	QSL8.9-C360-30	QSL8.9-C360-30	QSL8.9-C430	QSZ13-C550-30	QSZ13-C550-30
Engine power (kW)	264	264	316	410	410
Max. engine speed (rpm)	1900	1610	1950	1750	1700
Unloading engine speed (rpm)	1300	1300	1300	1300	1300
Engine type	Electronical	Electronical	Electronical	Electronical	Electronical

DIMENSION & WEIGHT - Box mounted

Length (mm)	3520	3520	3500	4350	4350
Width (mm)	1800	1800	1800	2100	2100
Height (mm)	2210	2210	2300	2170	2170
Weight (kg)	3900	3900	3800	5150	5150

DIMENSION & WEIGHT - With undercarriage

Length (mm)	5200	5200	5300	6120	6120
Width (mm)	2116	2116	2040	2100	2100
Height (mm)	2580	2580	2750	2570	2570
Weight (kg)	4200	4200	4200	5750	5750

SPECIFICATIONS

Type	LUY400-30	LUY450-20	LUY120-7	LUY100-10	LUY100-14
Working pressure (bar)	30	20	7	10	14
Flow (m3/min)	40	45	12	10	10
Compressor stage	2	2	1	1	1
Noise level (at 7m distance, dBA)	83±3	83±3	81±3	81±3	81±3
Fuel tank capacity (L)	710	710	120	120	120
Compressor oil capacity (L)	105	105	26	26	26
Outlet valves, qty x size	1×G2 1×G3/4	1×G2 1×G3/4	1xG3/4 1xG1 1/2	1xG3/4 1xG1 1/2	1xG3/4 1xG1 1/2

ENGINE

Engine exhaust emission	GIII	GIII	GIII	GIII	GIII
Engine brand	Cummins	Cummins	Yuchai	Yuchai	Yuchai
Engine model	QSZ13-C550-30	QSZ13-C550-30	YC4A130-H311	YC4A130-H311	YC4A130-H311
Engine power (kW)	410	410	96	96	96
Max. engine speed (rpm)	1850	1800	2300	2300	2300
Unloading engine speed (rpm)	1300	1300	1400	1400	1400
Engine type	Electronical	Electronical	Electronical	Electronical	Electronical

DIMENSION & WEIGHT - Box mounted

Length (mm)	4350	4350	2350	2350	2350
Width (mm)	2100	2100	1300	1300	1300
Height (mm)	2170	2170	1550	1550	1550
Weight (kg)	5150	5150	1470	1470	1470

DIMENSION & WEIGHT - With undercarriage

Length (mm)	6120	6120	2510	2510	2510
Width (mm)	2100	2100	1790	1790	1790
Height (mm)	2570	2570	1830	1830	1830
Weight (kg)	5750	5750	1650	1650	1650

SPECIFICATIONS

Type	LUY120-12	LUY150-13A	LUY150-13B	LUY130-15	LUY150-17
Working pressure (bar)	12	13	13	15	17
Flow (m3/min)	12	15	15	13	15
Compressor stage	1	1	1	1	1
Noise level (at 7m distance, dBA)	83±3	83±3	83±3	83±3	83±3
Fuel tank capacity (L)	120	180	180	180	250
Compressor oil capacity (L)	26	30	30	30	45
Outlet valves, qty x size	1xG3/4 1xG1 1/2	1xG3/4 1xG1 1/2	1xG3/4 1xG1 1/2	1xG3/4 1xG1 1/2	1xG3/4 1xG2

ENGINE

Engine exhaust emission	GIII	GIII	GIII	GIII	GIII
Engine brand	Yuchai	Yuchai	Yuchai	Yuchai	Yuchai
Engine model	YC4A160-H300	YC6J190-T304	YC6J190-T304	YCA05190-T300	YC6J220-T300
Engine power (kW)	118	140	140	140	162
Max. engine speed (rpm)	2200	2080	2080	2000	2050
Unloading engine speed (rpm)	1400	1400	1400	1500	1300
Engine type	Electronical	Electronical	Electronical	Electronical	Electronical

DIMENSION & WEIGHT - Box mounted

Length (mm)	2330	2750	2750	2341	2861
Width (mm)	1300	1500	1500	1384	1500
Height (mm)	1600	1900	1900	1559	1971
Weight (kg)	1470	1790	1790	1550	2000

DIMENSION & WEIGHT - With undercarriage

Length (mm)	2400	3000	3965	3509	3000
Width (mm)	1800	2000	1990	1790	2000
Height (mm)	2120	2200	2178	1865	2190
Weight (kg)	1560	1850	1920	1650	2200

SPECIFICATIONS

Type	LUY170-18	LUY200-10	LUY220-8	LUY180-19	LUY210-17
Working pressure (bar)	18	10	8	19	17
Flow (m3/min)	17	20	22	18	21
Compressor stage	2	1	1	2	2
Noise level (at 7m distance, dBA)	83±3	83±3	83±3	83±3	83±3
Fuel tank capacity (L)	300	250	250	300	300
Compressor oil capacity (L)	43	55	55	55	55
Outlet valves, qty x size	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4

ENGINE

Engine exhaust emission	GIII	GIII	GIII	GIII	GIII
Engine brand	Yuchai	Yuchai	Yuchai	Yuchai	Yuchai
Engine model	YC6J220-T300	YC6A240-H301	YC6A240-H301	YC6A260-H300	YC6A260-H300
Engine power (kW)	162	176	176	191	191
Max. engine speed (rpm)	2000	1950	2050	2050	1900
Unloading engine speed (rpm)	1300	1200	1200	1200	1200
Engine type	Electronical	Electronical	Electronical	Electronical	Electronical

DIMENSION & WEIGHT - Box mounted

Length (mm)	3200	2710	2710	2926	2926
Width (mm)	1500	1635	1635	1660	1660
Height (mm)	1800	2180	2180	1920	1920
Weight (kg)	2300	2420	2420	3000	3000

DIMENSION & WEIGHT - With undercarriage

Length (mm)	4155	4322	4322	4404	4404
Width (mm)	2060	1950	1950	1950	1950
Height (mm)	2180	2270	2270	2296	2296
Weight (kg)	2500	2685	2685	3330	3330

SPECIFICATIONS

Type	LUY300-25	LUY310-25	LUY360-35	LUY410EKON	LUY455-20
Working pressure (bar)	25	25	35	30.....18	20
Flow (m3/min)	30	31	36	32.....41	45
Compressor stage	2	2	2	2	2
Noise level (at 7m distance, dBA)	83±3	83±3	83±3	83±3	83±3
Fuel tank capacity (L)	450	500	850	850	850
Compressor oil capacity (L)	75	75	105	105	105
Outlet valves, qty x size	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4	1×G2 1×G3/4

ENGINE

Engine exhaust emission	GIII	GIII	GIII	GIII	GIII
Engine brand	Yuchai	Yuchai	Yuchai	Yuchai	Yuchai
Engine model	6MK400-H300	6MK400-H300	K16775-T300	K16775-T300	K16775-T300
Engine power (kW)	295	295	570	570	570
Max. engine speed (rpm)	1900	1900	1850	1500.....1750	1800
Unloading engine speed (rpm)	1300	1300	1300	1300	1300
Engine type	Electronical	Electronical	Electronical	Electronical	Electronical

DIMENSION & WEIGHT - Box mounted

Length (mm)	3520	3840	3850	3850	3850
Width (mm)	1670	1800	2100	2100	2100
Height (mm)	2060	2250	2260	2260	2260
Weight (kg)	3507	4550	5100	5100	5100

DIMENSION & WEIGHT - With undercarriage

Length (mm)	5200	5260	5690	5690	5690
Width (mm)	2116	2040	2100	2100	2100
Height (mm)	2510	2690	2690	2690	2690
Weight (kg)	4137	5150	5600	5600	5600