Authorized distributor:

Liuzhou Tech Machinery Co., Ltd.
Address: B-22-1, B-23-1, Yanghe Industrial Development Zone,
Liuzhou, Guangxi 545006, P.R. China
Tel: +86 772 3172648
Service Hotline: 400-881-9988
Email: liutechcompressors@liutech.com.cn
Website: www.liutechportable.com.cn

TikTok

Wechat Official Account

ORIGINAL PART

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 strearnlined 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.

V202608

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.
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LIUTECH



INNOVATION EFFICIENCY ONE-STOP SERVICE
WE TAKE CARE OF YOUR COMPRESSED AIR

WE TAKE CARE OF YOUR
COMPRESSED AIR

LIUTECH PORTABLE COMPRESSOR
33-570 kW



liutechportable.com.cn

LIUTECH



INNOVATION EFFICIENCY
WE TAKE CARE OF YOUR COMPRESSED AIR
ONE-STOP SERVICE

LIUTECH

We return reliable products and quality services to our customers

Liuzhou Tech Machinery Co., Ltd. was established in 1994 and is based in Liuzhou, joining the Atlas Copco Group in 2002 as a subsidiary company. We provide “Liutech” brand air compressors to customers all over the world.

Liutech holds ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007 certificates for the Quality, Environmental and Occupational Health & Safety Management System.

Liutech products are manufactured with advanced technology from Europe, focus on customer needs in China and other export countries, and meet the requirements of different applications. As a company that pioneered the screw air compressor production license, Liutech commits to the brand promise, “We take care of your compressed air”, and develops more air solutions for customers.



High Efficiency, Excellent Performance Products with Famous Brand Engine

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.



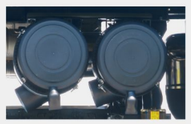
EFFICIENT FUEL FILTER

- 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 an the filter tells you when it needs replacing.



EASY TO TRANSPORT

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



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.



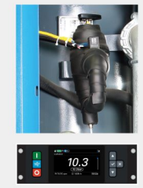
LARGE COOLNG SURFACE

- 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 POWERXPERT

- 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.

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
- Free air delivery: 5-22 m^3/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 air.

- Recommended model: LUY100-10, LUY120-7, LUY200-10, LUY220-8
- Free air delivery: 10-22 m^3/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 portable 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
- Free air delivery: 17-26 m^3/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
- Free air delivery: 18-40 m^3/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)
Free air delivery (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 | 15	283 | 600 | 17
Compressor stage	1	1	1	1	1	1	1
Noise level at 7 m (dB(A))	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 × Size)	1 × G½ + 3 × G¾	1 × G½ + 3 × G¾	1 × G½ + 3 × G¾	1 × G½ + 3 × G¾	1 × G½ + 3 × G¾	1 × G2 + 1 × G¾	1 × G2
Engine							
Engine exhaust emission	N/A	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	4BTA3.9-C125	4BTA3.9-C125	6BTA5.9-C205	6CTA8.3-C260
Rated power (kW)	60	92	118	93	93	153	194
Full load (rpm)	1850	2300	2300	2300	2300	2000	2000
Unload (rpm)	1300	1400	1400	1400	1400	1400	1500
Engine type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Dimensions & Weight – Box Mounted							
Length (mm)	2225	2225	2235	2235	2235	2750	2726
Width (mm)	1350	1385	1385	1380	1350	1500	1605
Height (mm)	1650	1550	1550	1650	1650	1900	1850
Weight (kg)	1300	1450	1490	1300	1300	1790	2380
Dimensions & Weight – with Undercarriage							
Length (mm)	2800	3435	2800	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) - 35 (510)
Free air delivery (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 7 m (dB(A))	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 × Size)	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾
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
Rated power (kW)	194	194	194	239	295	441
Full load (rpm)	2000	2000	2060	2000	1750-2000	1500
Unload (rpm)	1500	1500	1400	1300	1300	1100
Engine type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Dimensions & 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
Dimensions & Weight – with Undercarriage						
Length (mm)	4365	4404	5620	3969	5690	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
Free air delivery (m³/min)	5	15	15	18	25
Compressor stage	1	1	1	2	1
Noise level at 7 m (dB(A))	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 × Size)	3 × G¾	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G1½	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾
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
Rated power (kW)	33	142	142	194	242
Full load (rpm)	3000	2080	2080	2000	2000
Unload (rpm)	1850	1400	1400	1300	1300
Engine type	Mechanical	Electronic	Electronic	Electronic	Electronic
Dimensions & 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
Dimensions & 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
Free air delivery (m³/min)	26	21.5	32	35	40
Compressor stage	2	2	2	2	2
Noise level at 7 m (dB(A))	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 × Size)	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾
Engine					
Engine exhaust emission	GIII	GIII	N/A	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
Rated power (kW)	264	264	316	410	410
Full load (rpm)	1900	1610	1950	1750	1700
Unload (rpm)	1300	1300	1300	1300	1300
Engine type	Electronic	Electronic	Electronic	Electronic	Electronic
Dimensions & 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
Dimensions & 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
Free air delivery (m³/min)	40	45	12	10	10
Compressor stage	2	2	1	1	1
Noise level at 7 m (dB(A))	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 × Size)	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G1½
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
Rated power (kW)	410	410	96	96	96
Full load (rpm)	1850	1800	2300	2300	2300
Unload (rpm)	1300	1300	1400	1400	1400
Engine type	Electronic	Electronic	Electronic	Electronic	Electronic
Dimensions & 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
Dimensions & 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
Free air delivery (m³/min)	12	15	15	13	15
Compressor stage	1	1	1	1	1
Noise level at 7 m (dB(A))	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 × Size)	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G1½	1 × G¾ + 1 × G2
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
Rated power (kW)	118	140	140	140	162
Full load (rpm)	2200	2080	2080	2000	2050
Unload (rpm)	1400	1400	1400	1500	1300
Engine type	Electronic	Electronic	Electronic	Electronic	Electronic
Dimensions & 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
Dimensions & 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
Free air delivery (m³/min)	17	20	22	18	21
Compressor stage	2	1	1	2	2
Noise level at 7 m (dB(A))	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 × Size)	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾
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
Rated power (kW)	162	176	176	191	191
Full load (rpm)	2000	1950	2050	2050	1900
Unload (rpm)	1300	1200	1200	1200	1200
Engine type	Electronic	Electronic	Electronic	Electronic	Electronic
Dimensions & 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
Dimensions & 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	18-30	20
Free air delivery (m³/min)	30	31	36	32-41	45
Compressor stage	2	2	2	2	2
Noise level at 7 m (dB(A))	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 × Size)	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾	1 × G2 + 1 × G¾
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
Rated power (kW)	295	295	570	570	570
Full load (rpm)	1900	1900	1850	1500-1750	1800
Unload (rpm)	1300	1300	1300	1300	1300
Engine type	Electronic	Electronic	Electronic	Electronic	Electronic
Dimensions & 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
Dimensions & 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