



kotech Group

PORTABLE AIR COMPRESSORS

POWER DRIVE FUTURE

WHY CHOOSE OUR PORTABLE COMPRESSOR

The perfect energy-saving combination: powerful diesel engine and excellent airend.

Maximum versatility

KOTECH is ideal choice for powering equipment such as construction machinery. Meticulous construction and premium quality components ensure trouble-free operation in ambient temperatures ranging from -20°C to +50°C. Versatility is further enhanced by the chassis, which can be equipped with a fixed or height adjustable towbar and with or without an overrun brake. Stationary versions can be installed either on skids or machine mounts.

Lightweight

powerful doesn't necessarily mean heavy: the KOTECH is exceptionally easy to maneuver and transport. Moreover, its larger diesel fuel capacity ensures that the compressor has more than enough power available to last an entire work shift.

Separate air filters for engine and compressor

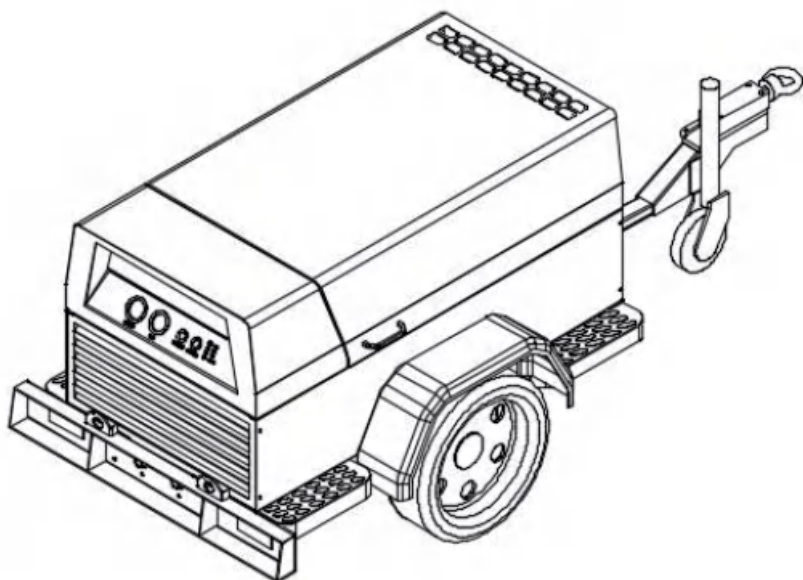
The air filters are specifically tailored to suit required air demand and therefore ensure dependable system operation. A further important design detail enables quick and simple deaeration of the diesel lines, thereby eliminating the need for labor intensive manual pumping.

Optional diesel engine

Flexible diesel engine to meet the different operating environment and conditions of operation, general maintenance, regardless of the location of the compressor, customers can find a suitable supplier of parts.

Simple to operate

Operation is made simple via user-friendly icons and a single start switch with pre-heat function. The unit also features fully automatic monitoring and shutdown in case of malfunction, whilst a pressure gauge and airend temperature display enable all information to be viewed at a glance.



Our Configuration Advantage

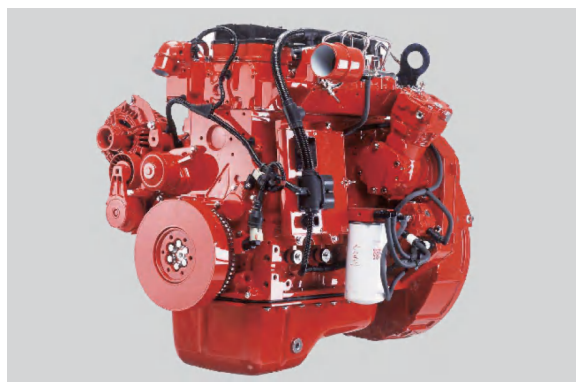


Engine

The original imported Japanese -YANMAR engines are more suitable for the Kotech smaller portable air compressors, resulting in better fuel economy and lower noise.

Diesel Engine

Cummins diesel engines are used in Kotech medium to large portable air compressors, stronger power and more convenient maintenance, which makes it more convenient to use.



The rotor

Quality is the core and basic requirement for an air compressor. In the development of the second generation KOETCH SERIES Products, we have adopted the advanced airend as the quality assurance. By optimizing the host structure, the new type can achieve improved efficiency up to 12% and minimize the operation costs. Meanwhile, the improved airend system can also provide proper displacement. The smaller specific power means less equipment investment and energy consumption, which can reduce the overall cost.

Controller

Diesel air compressor controller. It can accurately detect diesel level, supply pressure, exhaust temperature, control engine speed in real time via CAN communication, read real-time engine speed, oil pressure, water temperature, battery voltage, engine inlet pressure, inlet temperature, instantaneous fuel consumption, engine failure and other information are displayed on the display screen.





Exhaust muffler

In order to reduce the noise of high-speed engine fan, the muffler is adopted to absorb vibration and isolate sound, so that the sound energy can be reflected back to the original place to reduce noise.

Multi filter system

The unique multiple fuel filter system, with a specially configured heavy-duty primary fuel filter system, avoids and eliminates the damage of poor fuel to the engine, ensures the full play of the machine performance and prolongs the service life.



Expansion tank

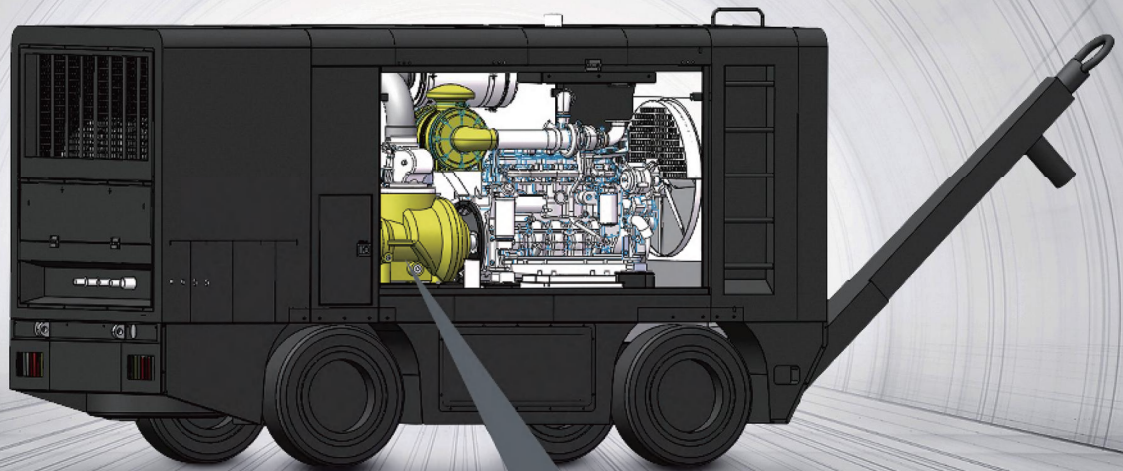
It can be easily and quickly filled with coolant, and the liquid position can be clearly observed to replenish when the coolant is insufficient

German KTR coupling

The elastic diaphragm of the metal can transmit more torque and has a more compact structure compared with other couplings reliable use, long-term use
The manufacturing cost is higher than other couplings
acid and alkali corrosion resistance



Our Quality



Configuration:

- Japan & USA diesel engine
- Hanbell air end
- Mechanical PLC
- 0~100% adjustable air intake valve
- Pressure regulating valve
- Safety valve
- Minimum pressure valve
- Solenoid valve
- Thermostat valve
- Double cooler for lubricants
- Heavy duty air filter is adopted for engine air intake
- Heavy duty air filter is adopted for screw air end
- Oil filter for lubricants
- Main power switch of equipment
- maintenance free battery
- Bigger fuel tank assuring ten working hours
- Silent canopy
- High efficiency oil separator

Easy maintenance of appearance

Integral clamshell housing, maintenance parts are within reach, easy and simple to maintain



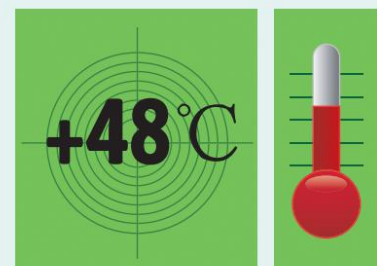
Silent Environment

Quiet housing design, even in the noisy city it can maintain low noise level, to avoid noise caused by environmental pollution.



High temperature design

The equipment can operate well at ambient temperatures up to 48°C



APPLICATION INDUSTRY OF PORTABLE AIR COMPRESSORS

User-friendly installation, maintenance and care



Cement products industry, Oil field Industry, mining industry,
Water drilling, Gravel road repair, Ship decontamination,
Railway construction

OTHER • • • • •



After-sales Service

Free on-site training for field managers and operators.

Responsible for onsite installation instructions and commissioning of the startup. The file is created after the product leaves the factory, and the "regular user return visit" system is implemented.

If equipment failure is encountered, the after-sales service engineers will respond within 5 minutes after receiving the customer's notice, and dispatch the after-sales service personnel to the customer's site as soon as possible according to the fault situation to ensure the normal production.



Service Everywhere

No matter where you are Kotech air service engineers, service personnel and spare parts will be available anytime, anywhere to ensure the safe operation of the compressor anywhere in the world.


























Project



Model	Air delivery		Working pressure		Fuel oil tank capacity	Diesel engine		Rated power	Noise	Max. ambient temperature	Max. rotation speed	Min. rotation speed	Outlet connection	Dimension (mm)			Unit weight Kg			
	m3/min	cfm	bar	Psi	L	brand	model	kw	Bb(A)	C	rpm	rpm		L	W	H				
KDP-1/7	1	35	7	100	20	Changchai	192FAM	8.2	70±3		2500	1800	1*G3/4	ODM						
KDP-2/7	2	70	7	100	20		EV80	11												
KDP-3.5/7	3.5	123	7	100	45	Yanmar	3TNV88	26.8			2650		2*G3/4	2853	1272	1092	880			
KDP-4.5/7	4.5	147	7	100	70		4TNV88	32.2						3230	1440	1425	1200			
KDP-5/7	5	176	7	100	70	Weichai	WP3.2G50E347	36.8	75±3		2500	1750	G1, G3/4	3230	1440	1425	1200			
KDP-5/7	3.7~5	130~176	13~7	188~100	70	Yanmar	4TNV88	32.2							3300	1570	1560	1550		
KDP-6/7	6	214	7	100	100		QSB-C80-31	60					G1-1/4, G1	3300	1570	1560	1550			
KDP-6/10	6	214	10	145	120		QSB-C80-31	60							3300	1570	1560	1550		
KDP-10/7	10	353	7	100	140		QSB3.9-C125	93			2000			3800	1900	1900	1820			
KDP-10/10	10	353	10	145	160		QSB3.9-C130	97			2500			3800	1900	1900	1840			
KDP-12/7	12	424	7	100	160		QSB3.9-C125	97	80±3		2300			3800	1900	1900	1860			
KDP-10/12	10	353	12	174	160		QSB3.9-C130	97							3800	1900	1900	1840		
KDP-12/8	12	423	8	116	188		QSB3.9-C150	110			2500		G1-1/2, 2*G1-1/4	4000	1900	1900	1840			
KDP-13/13	13	460	13	188	188		QSB3.9-C150	110							4000	1900	1900	1840		
KDP-15/13	15	530	13	188	160		QSB5.9-C180	132			2000			4350	1960	1950	2020			
KDP-12/14	12.5	441	14	203	160		QSB5.9-C180	132							4350	1960	1950	2020		
KDP-14/14	14	494	14	203	160		QSB5.9-C210	154	85±3		2200			4350	1960	1950	2220			
KDP-10/20	10	353	20	290	160		QSB6.7-C215	158			2000			G1-1/2, 3*G1-1/4	4350	1960	1950	2220		
KDP-13/20	13	459	20	290	160		QSB6.7-C220-30	163		50	2200		2*G1-1/2", 1*G1"	4350	1960	1950	2520			
KDP-15/15	15	530	15	217	280		QSB6.7-C240	178			2200					3980	1860	2450	2750	
KDP-21/10	21	742	10	145	360		QSB8.3-C260	194	88±3		2000		G1-1/2, 3*G1-1/4	4580	1950	2500	2840			
KDP-16/17	16	565	17	246	280		QSB8.3-C260	194	85±3		2200			3980	1860	2450	2780			
KDP-18/17	18	636	17	246	600	Cummins	QSB8.3-C260	194			2400			3980	1860	2450	2910			
KDP-23/14	23	812	14	174	680		QSL8.9-C325	242						1500		5400	2100	2550	4800	
KDP-24/13	24	847	13	174	680		QSL8.9-C325	242							5400	2100	2550	4800		
KDP-27/12	27	953	12	174	680		QSL8.9-C325	242						2100		5400	2100	2550	4800	
KDP-30/10	30	1060	10	145	680		QSL8.9-C325	242							5400	2100	2550	4800		
KDP-18/25	18	635	25	362	680		QSL8.9-C325	242								5400	2100	2550	4800	
KDP-20/20	20	706	20	290	680		QSL8.9-C325	242								5400	2100	2550	4800	
KDP-25/18	25	882	18	261	760		QSL8.9-C360-30	264						5400	2100	2550	4800			
KDP-25/20	25	882	20	290	760	QSL8.9-C360-30	264					5400	2100	2550	4800					
KDP-30/12	30	1060	12	174	800	QSZ13-C400-30	286	88±3					2*G1-1/2, 2*G1-1/4, 1-G1	5400	2100	2550	4800			
KDP-34/9	34	1200	9	130	800	QSZ13-C400-30	286							5400	2100	2550	4800			
KDP-21/24	21	742	24	348	800	QSZ13-C400-30	286							5400	2100	2550	4800			
KDP-45/10	45	1589	10	145	840	QSZ13-C500-30	372							1900			5400	2100	2550	4800
KDP-31.5/21	31.5	742	21	508	840	QSZ13-C500-30	372										5400	2100	2550	4800
KDP-26/30	26	918	30	435	840		QSZ13-C500-30	372						5400	2100	2550	4800			
KDP-21/35	21	742	35	508	840		QSZ13-C550-30	410						5400	2100	2550	4800			
KDP-29/25	29	1024	25	363	840		QSZ13-C550-30	410						5400	2100	2550	4800			
KDP-33/25	33	1165	25	363	840		QSZ13-C550-30	410						5400	2100	2550	4800			
KDP-35/25	35	1236	25	363	840		QSZ13-C575	429						5400	2100	2550	4800			
KDP-45/13	45	1588	13	189	840		QSZ13-C575	429			1800			5400	2100	2550	4800			
KDP-35/30	35	1236	25	363	900		KTA19-P630	515		5600				2100	2550	4800				
KDP-28/35	28	989	35	508	900		QSK19-700	522		1900	5600			2100	2550	4800				
KDP-35/34	35	1236	34	493	900		K38-800	602						5600	2100	2550	4800			

Parts order form

Please refer to the table below to order from our sales staff

A 	B 	C 	D 	E 
Solenoid Valv	coupling	Drill Rod	Elringklinger seals	Other brands spare parts
F 	G 	H 	I 	G 
Middle-Low Air Pressure DTH Hammers	Rock Drill Rod	Triangle Pole-Teeth Bits	Slanting Forging Flanged Bits	DTH 15-Button Bits
K 	L 	M 	N 	O 
Seven Teeth Pole-Teeth Button	DTH 10-Button Bits	Cross Bits	Chisel Horse Bit	Cooler
P 	Q 	R 	S 	T 
Axial lock nut sockets	PU Air Pipe	Grouting Pipe	Air Pipe	Oil separator
U 	V 	W 	X 	Y 
sealing	Oil Filter	Shaft sleeve & shaft seal	Air filter	Servodrive



We only do the first level



KOTECH GROUP

- 📍 Shanghai/China & Gillingham/United Kingdom
- ✉ sales@kotechgroup.com
- 🌐 www.kotechgroup.com