

AIRERA



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SHANGHAI BESTCOMP COMPRESSOR CO., LTD





About Us

Since 2020, built joint venture with Shanghai Rotorcomp, Shanghai Bestcomp has an overseas R&D center+provincial enterprise technology center, 106 R&D technicians, 12 third-generation Rotorcomp patented lines, and production base located in Hebei and Shan'xi to supply the best solution and fast high-quality service for each user's compressed air system for over 45 countries. Partners include Huawei, Sinopec, GE, CNNR, CNPC, BYD, TOYOTA, Air product, Pylontech. We keep going to provide users with a full range of compressor system in green , efficient and energy-saving ways.



Features

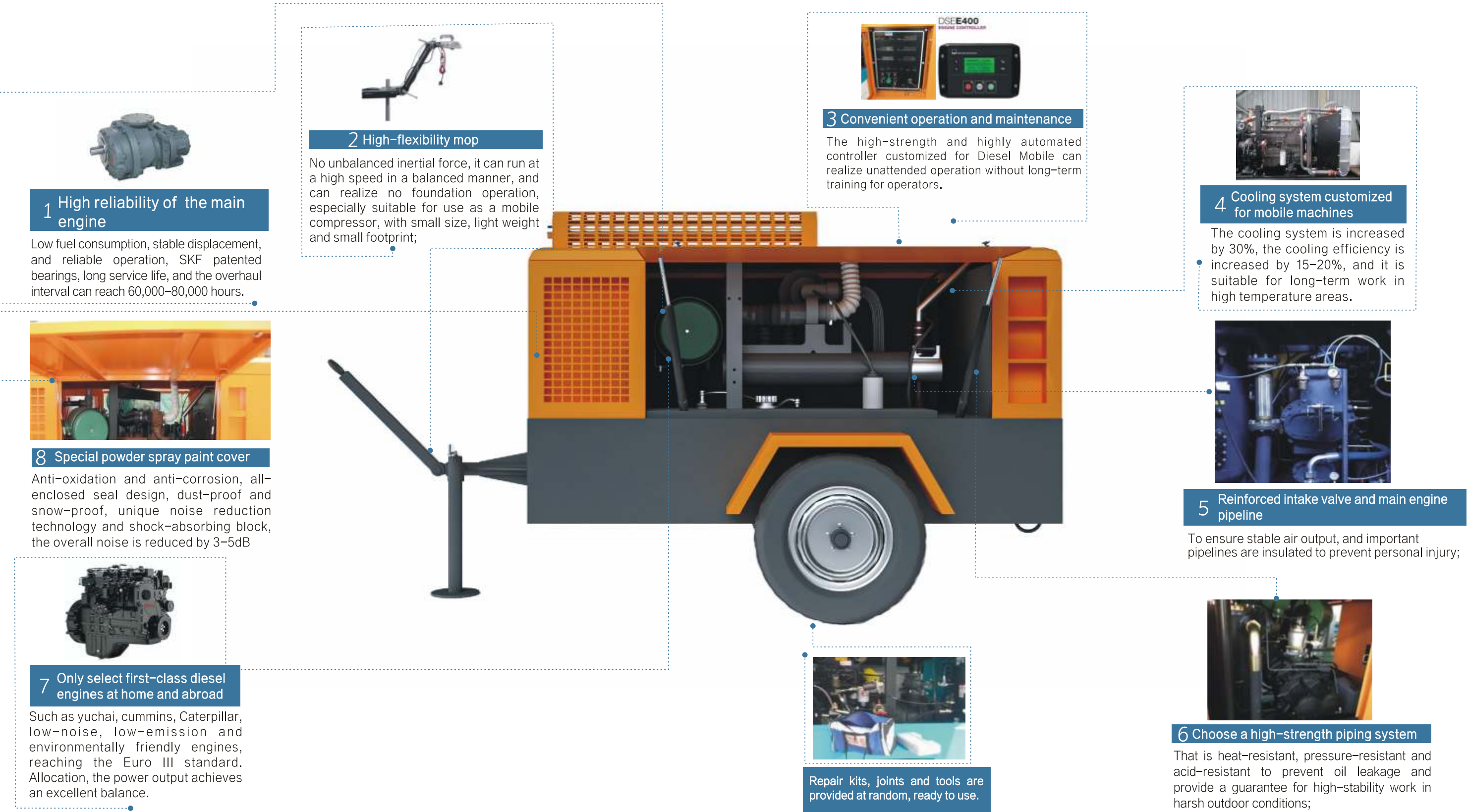
- Strong and durable portable compressor, designed and manufactured by Shanghai Bestcomp
- Designed to meet your ideal equipment use and project construction
- The trustworthy shanghai rotorcomp full range of portable compressors will provide you with stable and uninterrupted power, making your work more efficient and more efficient.
- Portable compressors range from small construction air tools to large bore high air pressure drilling. Fidelity offers a full range of products for you to choose from.
- These sturdy and reliable devices are suitable for a wide range of applications. The maintenance of the equipment is convenient, the operation is simple, and it brings you more and stronger productivity.

High -efficient Diesel portable screw compressor

Portable diesel air compressors are suitable for many different types of weather conditions and operate from -25° C to +50° C (-13° F to +122° F).
This diesel-powered screw air compressor is very suitable for mining, water conservancy, road engineering, shipbuilding, urban construction, energy and other industrial sectors.

High -efficient Diesel portable screw compressor

Application Portable air compressors are used in many fields such as mining, water conservation, transportation, shipbuilding, urban construction, energy, military industries and other industries.



High -efficient Diesel portable screw compressor

For sand blasting,jack hammer drilling,mining drilling,borehole drilling projects

Models introduction: CALT12/10,13/17K,18/17K,CALT22/8CALT22/18KCALT32/10K

Pressure range:7-18bar(101psi-262psi)

Air capacity:6-32m3/min(215cfm-1143cfm)

Max. ambient temp. 50℃



- When a compressor is powering a construction site, Shanghai rotorcomp air compressors are the perfect fit for your needs. Each model inherits the same functional design.
- Characteristics and the same product characteristics, ensuring the same quality of production capacity.
- These devices are excellent working partners for construction air tools such as rock drills, breakers, air guns, air wrenches, drain pumps and sandblasting equipment to name a few.
- Fidelity mobile air compressors also have an extensive footprint in the oil industry, often in oil or gas smelting.
- Refineries, workshops, as a backup gas source.

Technical Parameters

Model#	Capacity (F.A.D)		Working Pressure		Diesel Engine	Weight	Size	Remark
	m³/min	cfm	Mpa	Psig		kgs	(L*W*H)mm	
CALT-6/8	6	212	0.7	102	YuChai YCD4B22 95,58kw/75HP	1400	3092*1760*1851	2 wheels
CALT-9/8K	9	330	0.8	125	Cummins 4BTA3.9- C125,93kw/125HP	1850	3242*1760*1781	2 wheels
CALT-11/14.5K	11	400	1.3	190	Cummins 6BTA5.9 C150,110kw/150HP	2000	3250*1800*1800	2 wheels
CALT-12/10K	12	425	1	145	Cummins 6BTA5.9 C125,110kw/150HP	2000	3250*1800*1800	2 wheels
CALT-15/13K	15	550	1.3	190	Cummins QSB5.9C180- 31,132kw/180HP	2400	3000*1520*2255	4 wheels
CALT-12.5/14K	12.5	447	1.4	205	Cummins QSB5.9C180- 31,132kw/180HP	2400	3000*1520*2255	4 wheels
CALT-16/12K-15/15K	16/15	570/550	1.2/1.5	175/218	Cummins QSB5.9C180- 31,132kw/180HP	2400	3300*1520*2314	4 wheels
CALT-22/8K	22	777	0.8	115	Cummins QSC8.3C260- 30 ,192kw/260HP	4000	3764*1800*2213	4 wheels
CALT18/20K-19.5/17K	18/19.5	650/700	20/17	290/247	Cummins QSC8.3C260- 30 ,192kw/260HP	4000	3764*1800*2420	4 wheels
CALT-27/10K	27	965	10	145	Cummins QSL8.9C325- 30,239kw/325HP	4800	4400*1950*2800	4 wheels
CALT-32/10K	32	1130	1	145	Cummins QSL8.9C360- 30,265kw/360HP	5000	4500*1950*2850	4 wheels

Options

- Wheels chocks
- Quality air equipment:
 - aftercooler
 - Bypass valve
 - Preheater
- Special application
 - Cold start
 - silencer
- Customization
 - Special colors requests
 - Qty of wheels &unwheeled

Double-stage diesel skid-mounted compressor



Double-stage diesel portable compressor



1

Two-stage helical rotor patent, the rotor linearity is 5:6, and the energy consumption is reduced by 8%; there is no speed-up gear in the middle, which has higher efficiency and better reliability. Long, the design maximum pressure can reach 40bar.



2

Two-stage compression; Select famous engines such as Deutz, Cummins, Yuchai World, etc.



3

SKF bearing, direct drive, noiseless gear, design life more than 15 years;



4

Good adaptability, it can automatically adjust the diesel oil valve (displacement volume) according to the gas consumption, without wasting a drop of diesel. This is equivalent to the frequency conversion control of the electric screw machine



5

Automatic fuel supply for a long time – The large capacity fuel tank (up to 708 liters) enables large air compressors to work in remote areas without refueling.



6

The patented cyclone air pre-filter increases the number of air filter replacements by 5 times. The cyclone air filter filters residual dust and protects the compressor, and the filter element provides safe air filter maintenance without stopping the compressor. The system can operate continuously in desert conditions or heavy dust conditions. Accuracy up to 8μ. Compressed air triple oil cooling system, always saves no more than 3 ppm of oil in the exhaust compressed air.



7 Versatile – suitable for use in all weather conditions and temperatures between -25° C/-13° F and +50° C/+122° F.

Options



Double-stage diesel air compressor

For high–pressure&deeper drilling projects, such as: water well&geothermal drilling,tall building pilling,borehole drilling projects
Modelsintroduction:CALT17/17K,19.5/19K,CALT25/23K,CALT26/25K,CALT33/25K,CALT29/25K,CALT39/25K
Pressure range:17–35bar(247psi–510psi)
Air capacity:17–39m3/min(608cfm–1395cfm)
Max. ambient temp. 50℃



- Double–stage air compressors are widely used in mining, water conservancy, transportation, shipbuilding, urban construction, energy, military and other industries that need to drill deep holes.
- Shanghai rotorcomp high pressure double stage portable compressor comes into being. With multiple pressure and temperature sensors are set up in the unit to monitor the relevant parameters, and calculate and execute a reasonable fuel injection amount through the engine ECU and controller, so as to accurately guarantee the gas production and high wind speed at all times.
- Pressure to ensure high penetration of the rig.
- The higher the pressure, the faster the speed, while the high flow rate ensures large drilling diameter formation.
- In the long–term high temperature test, Fidelity equipment maintains consistent and stable performance, providing reliable,unchanged, constant productivity.

Technical Parameters

Model	Working pressure		Capacity		Engine			Dimension	Wheels
	bar	psi	m³/min	cfm	model	kW	hp	mm	
CALT -11/18	18	262	11	393	Yuchai	118	160	3499*2000*1908	2 wheels
CALT -15/18 - 17/14K	18/14	262/203	15/17	535/ 608	Cummins	157	210	3000*1520*2398	4 wheels
CALT -30/8K	8	125	30	1,072	Cummins	194	260	3429*1800*2492	4wheels
CALT -25/10K	10	145	25	895	Cummins	194	260	3429*1800*2492	4wheels
CALT -21/13K	13	189	21	750	Cummins	194	260	3429*1800*2492	4wheels
CALT -18/20- 19.5/17K	20/17	2905/247	18/ 19.5	650/ 700	Cummins	194	260	3500*1800*2548	4wheels
CALT -19/21 - 21/18K	21/18	305/262	19/21	680/750	Cummins	194	260	3300*1900*2450	4wheels
CALT -23/23- 25/18K	23/18	305/262	19/21	680/750	Cummins	265	360	3650*1950*2895	4wheels
CALT -25/23- 27/18K	23/18	334/262	25/27	893/965	Cummins	265	360	3650*1950*2895	4wheels
CALT -26/25K	25	363	26	930	Cummins	410	550	4573*2160*2601	4wheels
CALT -33/25K	25	363	33	1,180	Cummins	410	550	4523*2160*2601	4wheels
CALT -35/25K- 38/20K	25/20	363/290	35/38	1,250/ 1,360	Cummins	410	550	4523*2160*2601	4wheels
CALT -36/35K- 41/20K	35/20	510/290	36/41	1,290/ 1,470	Cummins	410	550	4523*2160*2661	4wheels
CALT -30/35K- 35/25K	35/25	510/363	30/35	1,072/ 1,250	Cummins	410	550	4523*2160*2661	4wheels
CALT -39/25 K	25	363	39	1400	Cummins	522	700	4573*2160*2661	4wheels
CALT -33/35K	35	510	33	1,180	Cummins	522	700	4573*2160*2661	4wheels
CALT -43/25- 35/35	25/35	365/510	43/35	1,540/ 1,250	Yuchai	570	760	4600*2200*2900	4wheels

NOTE: The model is represented as two front *, its length dimensions include mop

Options

- Wheels chocks

■ Quality air equipment:

-aftercooler

-Bypass valve

-Preheater
- Special application

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