



Professional Manufacturer of Air Compressor
Professional Air Compressor Platform

About us



COMPANY PROFILE

Hongkong Jiubei industry limited is large enterprises which is professional in air compressor and air compressor parts research, development and production . ZAKF is one of a famous compressor brand belong to Hongkong Jiubei industry limited, ZAKF screw air compressor shipped to worldwide customer, widely used in diverse industries.

ZAKF compressor Design, manufacturing at a high starting point, advanced technology, superior level of systematization, its core competencies to guide the development trend of the industry, stable and reliable. ZAKF import advanced technology from Europe, through constant practice and improvement, design a new generation of "ZAKF" air compressor.

Improved quality assurance manual, advanced production process, control management program files comprehensive, standardized, ensuring high quality brand name products "ZAKF", stable and durable. High quality, intimate service get the praise from users all over the world.



In a corner of the Workshop



Weight-bearing climbing

Only to a new height

Business philosophy

Quality first, the credibility of the first, to create the best products and services to win-win cooperation, development and innovation to meet different customer needs, forge innovative, and strive to passenger and I win.

Corporate mission

Manufacture of energy efficient screw air compressors, green power, so that human life is more harmonious, low-carbon.

The spirit of enterprise

Forge ahead in unity, the courage to climb, innovation and excellence.

Business vision

Let Chinese companies are willing to spend the Chinese-made screw air compressors, and whom the proud; to achieve partnership, teamwork, maximize enterprise value; a chievement of sustainable development of enterprises, making China the world's recognized power.



Advanced production equipment



Japan AMADA CNC punch



German KAPP Rotor Grinder



Japan AMADA CNC bending



Coordinate instrument

The control way to show the utmost solicitude



Chinese English LCD display control

We offer you a caring controller interface, it will guide you very easily Control of air compressor, to provide the source Humanized window prompts, showing a variety of languages including stick out a mile, Chinese, Words, human-computer exchange of information convenient, and can upgrade the software The real-time monitoring, the information storage and query. And the text signal simply tell What you need to do, such as filter life countdown function, making it easier for you to make the maintenance plan Mark Excellent anti-jamming performance, can work reliably in harsh conditions

The overall design is advanced, considerate



Electric control system

Reliable quality of Schneider electric element To ensure the long-term, without machine Avoidance operation, low energy consumption, reduced Low operation cost



Efficient oil filter

More effectively remove impurities in lubricating oil Quality and deterioration, the maximum indeed The service life of the host.



Body damping device

Effectively reduce the rotation of the body To avoid vibration, low frequency noise by Solid resonance produced by the transmission. A reduction in the At the same time, less noise, longer machine Group life

Safe, efficient air filter system

Long life filter design, filter Large area, small air breathing resistance, indeed Keep air clean and free of impurities



Efficient separation of oil and gas

Large volume of oil and gas in the whole barrel The internal pressure ratio optimization, stability Fixed source Oil and gas separation effect is excellent, by Cyclone separation, gravity separation, oil The three stage of the oil separation and fine processing After the compressed air oil products The amount is controlled in an ideal Range



Elastic coupling



With the main motor of screw extruder The elastic shaft coupling Then, the maximum guarantee. To the credibility of the connection, transmission High efficiency, the host and the main power The machine is very neutral, in the motor oil. A single, light weight, now Field maintenance

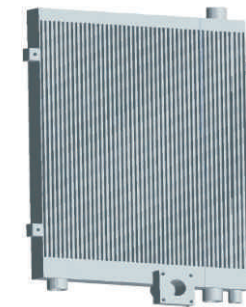
High quality motor



Using high-quality name Brand motor, Protection grade IP23, insulation Grade F, also According to the user Special requirements Separate design

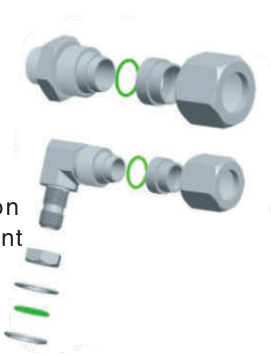
Powerful cooler

Efficient cooling air cooling models—a large area



The heavy load of low temperature (6–8°C) of large oil cooling Cooler and air cooler, unique structure design And reasonable layout, low noise, designed to meet the air The principle of gas flow, the heat radiating area is greatly increased. The cooling effect is more outstanding

Sealing system



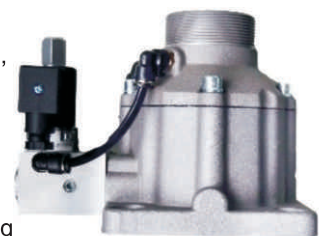
All piping connections are using the "O" type sealing ring, Fundamentally improve the antileakage level "O" type sealing ring by American automobile industry Association standards most effectively prevent oil leakage Sealing structure

The high efficiency cooling fan



Low speed, low noise, strong wind, completely suitable for The temperature differences between different regions, reducing the discharge The temperature, prolong the service life of the seal and lubricating oil

Intake valve



The air intake control valve is stable and reliable, by Computer control of the exhaust and motor power With the volume change of 0–100% Automatic adjustment of gas, energy saving, Reduce operating costs

Excellent Screw Element



ZAKF screw machine

ZAKF ,the world's top screw machine,using 5:6 asymmetric tooth design.The "line"to seal belt"De sign optimization, is conducive to the formation of oil film, reduce internal leakage greatly,the efficiency of gas production increased by 5%--10%,the diameter of the rotorHigh speed, low noise, ensure that the host is small, long service life, which is recognized as the most reliable global head most durable, continuous 24 smallWhen long-term efficient operation.

The interests of customers: the perfect combination of technology and art,achieve unparalleledreliability and economy.

Intelligent control system

ZAKF machine control consists of a fully automated computer system as a whole,the key points of each installation with a variety of sensors can be. The measurement of the running state and the all Chinese display on the screen,simple operation, high reliability. It has the function of self checking, root According to the user demand volume, automatic adjustment of running state.

The interests of customers: monitoring and advanced communication systems make theoperation of thecompressor is more reliable, higher efficiency and lower maintenance costs. The computer control system to make the machine no- load loss mininum,prolong the service life of the compressor



First-class Overall Solution



High efficiency

ZAKF hosts the exhaust end use load of two tapered roller bearings,thrust laod and axial direction was produced with a Safe, effective control of rotor movement, greatly prolong the life of the host,so as to ensure the high quality The operation, can completely according to your needs 24 hours of continuous gas supply



Energy saving measures

The dynamic electricity cost is the biggest cost of the compressor,the compressor adopts ZAKF asymmetric tooth leading ,long diameterThan reasonable,than the old tooth to improve the efficiency of 12%, 20% energy saving, and high efficiency and energy saving, as a result, the initial investment of Quickly make up for



Environmental protection

Ultra quiet design--give you a quiet space,fully enclosed mute type design,the inside of the box with a sound foam, can effectively absorb Noise,the noise is low compared to simillar 3-5Db(A),the overall layout of the structure is reasonable, the maintenance is very convenient

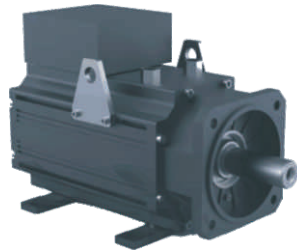


Permanent magnet motor

1, permanent magnet motor with high performance NdFeB permanent magnet,120 degrees C magnetic loss, theWith over 15 years of life.

2, the stator coil adopts frequency special corona resistant enamelled wire. Insulation performance,Longer life.

3, can realize the soft start, when running, the motor current will no exceed the full load current, At the same time,greatly reduce the impact on power grid equipment,won't cause damage to the electrical equipmentInjury



Perfect monitor system

Screw air compressor control system adopts microcomputer intelligent monitoring system, in order to adapt to the China market demand, touch panel, stable and reliable, simple operation, operationStaff without special training, only need to start and stop operation. El series screw air Gas compressor unit with automatic oading and unloading, the intake air quantity is adjusted automatically, for youTo save energy. The unit has automatic fault diagnosis, display, alarm, protection etc.Can.In unattended for 24 hours a day.



Permanent magnet Inverter

Pressure Stable:

1, due to the use of screw air compressor variable frequency stepless speed regulation characteristics of inverter, The regulator through the internal controller or PID converter, can gentlystart to use;Where gas volatility is relatively large, and can quickly adjust the response

Start Up No Impact :

1,Since the inverter itself has a soft-start function, the starting current is at most 1.2 times of the rated current, and the startup restart is small compared with the normal frequency starting at more than 6 times of the rated current. 2) This kind of impact not only affects the power grid, but also greatly reduces the impact on the entire mechanical system.





Power Frequency Compressor Technical Parameter

MODEL		ZA-10	ZA-15	ZA-20	ZA-25	ZA-30	ZA-40	ZA-50	ZA-60	ZA-75	ZA-100	ZA-120	ZA-150	ZA-175	ZA-200	ZA-250	ZA-300	ZA-350
Power	KW	7,5	11	15	18,5	22	30	37	45	55	75	90	110	132	160	185	220	250
Capacity	m³/Min/MPa	1,2/0,7	1,7/0,7	2,4/0,7	3,1/0,7	3,6/0,7	5,2/0,7	6,8/0,7	8,0/0,7	10/0,7	13,5/0,7	16,1/0,7	21/0,7	25,2/0,7	28,7/0,7	32,0/0,7	36,7/0,7	42,0/0,7
		1,1/0,8	1,6/0,8	2,2/0,8	2,9/0,8	3,4/0,8	5,0/0,8	6,2/0,8	7,7/0,8	9,1/0,8	12,6/0,8	15,0/0,8	19,8/0,8	24,0/0,8	27,6/0,8	30,5/0,8	34,7/0,8	40,5/0,8
		0,9/1,0	1,4/1,0	2,0/1,0	2,7/1,0	3,2/1,0	4,3/1,0	5,6/1,0	7,0/1,0	8,5/1,0	11,2/1,0	13,8/1,0	17,4/1,0	21,1/1,0	24,6/1,0	27,5/1,0	30,2/1,0	38,1/1,0
		0,8/1,2	1,2/1,2	1,7/1,2	2,2/1,2	2,9/1,2	3,7/1,2	4,0/1,2	5,8/1,2	7,6/1,2	10,2/1,2	12,3/1,2	15,8/1,2	18,3/1,2	21,5/1,2	24,8/1,2	27,8/1,2	34,5/1,2
Compress Stage		Singel Stage																
Ambient temperature(℃)		-5℃±45℃																
Cooling Method		Air Cooling/Water Cooling																
Exhaust temperature(℃)		≤Ambient Temperature + 15																
Lubricant	L	12	18	18	18	18	18	30	65	30	65	65	90	90	110	110	110	110
Noise	db(A)	62±2	62±2	65±2	65±2	65±2	65±2	65±2	65±2	72±2	72±2	72±2	75±2	75±2	78±2	78±2	82±2	82±2
Drive Method		Direct	Y-Δ /Frequency Soft Start															
Eletric	(V/PH/HZ)	380V/50HZ																
Dimension (mm)	Length	800	1080	1080	1380	1380	1380	1500	1500	1800	1900	1900	2300	2300	2700	2700	3200	3200
	Width	700	750	750	850	850	850	1000	1000	1250	1250	1250	1470	1470	1700	1700	2000	2000
	Height	930	1000	1000	1100	1100	1100	1330	1330	1570	1570	1570	1840	1840	2300	2300	2500	2500
Weight	(KG)	190	310	320	410	460	480	740	810	1190	1360	1550	2060	2440	3400	3900	4400	5200
Outlet thread(inch/mm)		G1/2	G3/4	G3/4	G1	G1	G1	G1-1/2	G1-1/2	G2	G2	G2	DN65	DN65	DN85	DN85	DN100	DN100

All products are V series inverter,water-cooled w series for selection.
The company of products to optimize the technical parameters, if change, without notice,
Energy saving inverter compressor running for more than three years the unit purchase price.



Inverter Air Compressor Technical Parameter

Model		ZAB-10	ZAB-15	ZAB-20	ZAB-25	ZAB-30	ZAB-40	ZAB-50	ZAB-60	ZAB-75	ZAB-100	ZAB-120	ZAB-150	ZAB-175	ZAB-200	ZAB-250	ZAB-300	ZAB-350
Power	KW	7,5	11	15	18,5	22	30	37	45	55	75	90	110	132	160	185	220	250
Capacity	m³/Min/MPa	1,2/0,7	1,7/0,7	2,4/0,7	3,1/0,7	3,6/0,7	5,2/0,7	6,8/0,7	8,0/0,7	10/0,7	13,5/0,7	16,1/0,7	21/0,7	25,2/0,7	28,7/0,7	32,0/0,7	36,7/0,7	42,0/0,7
		1,1/0,8	1,6/0,8	2,2/0,8	2,9/0,8	3,4/0,8	5,0/0,8	6,2/0,8	7,7/0,8	9,1/0,8	12,6/0,8	15/0,8	19,8/0,8	24/0,8	27,6/0,8	30,5/0,8	34,7/0,8	40,5/0,8
		0,9/1,0	1,4/1,0	2,0/1,0	2,7/1,0	3,2/1,0	4,3/1,0	5,6/1,0	7,7/1,0	8,5/1,0	11,2/1,0	13,8/1,0	17,4/1,0	21,1/1,0	24,6/1,0	27,5/1,0	30,2/1,0	38,1/1,0
		0,8/1,2	1,2/1,2	1,7/1,2	2,2/1,2	2,9/1,2	3,7/1,2	4,0/1,2	5,8/1,2	7,6/1,2	10,2/1,2	12,3/1,2	15,8/1,2	18,3/1,2	21,5/1,2	24,8/1,2	27,8/1,2	34,5/1,2
Compress Stage		Single-stage/Single-stage inverter compression																
Ambient Temperature(℃)		-5℃±45℃																
Cooling Method		Air Cooling/Water Cooling																
Exhaust Temperature(℃)		sambient temperature + 15																
Lubricant	L	12	18	18	18	18	18	30	65	30	65	65	90	90	110	110	110	110
Noise	db(A)	62±2	62±2	65±2	65±2	65±2	65±2	65±2	65±2	72±2	72±2	72±2	75±2	75±2	78±2	78±2	82±2	82±2
Drive Method		Direct	Y-Δ/ Frequency Soft Start															
Eletric	(V/PH/HZ)	380V/50HZ																
Dimension (mm)	Length	800	1080	1080	1380	1380	1380	1500	1500	1800	1900	1900	2300	2300	2700	2700	3200	3200
	Width	700	750	750	850	850	850	1000	1000	1250	1250	1250	1470	1470	1700	1700	2000	2000
	Height	930	1000	1000	1100	1100	1100	1330	1330	1570	1570	1570	1840	1840	2300	2300	2500	2500
Weight	(KG)	190	310	320	410	460	480	740	810	1190	1360	1550	2060	2440	3400	3900	4400	5200
Outlet Thread(inch/mm)		G1/2	G3/4	G3/4	G1	G1	G1	G1 1/2	G1 1/2	G2	G2	G2	DN65	DN65	DN85	DN85	DN100	DN100

All products are V series inverter,water-cooled w series for selection.
The company of products to optimize the technical parameters, if change, without notice,

Vector frequency control technology principle

ZAKF series inverter unit adopts the vector technology, which makes the unit in a very wide range of speed to ensure that under the minimum conditions in the motor temperatureFind proper torque to drive air compressor running smoothly

The first major energy-saving inverter compressor:variable flow,avoid the waste of loading and unloading control

Variable frequency generator through the variable speed control technology, according to the practical needs of the factory of gas production of gas, which not only reduces the hight load current,and completely avoid Unloading waste 45% of the rated power loss

Second energy-saving inverter compressor: constant pressure gas supply, avoid the waste caused by 2 bat differential pressure

Frequency conversion unit can always constant pressure in 6BAR gas production, both to ensure the stability of the air pressure and avoid the high load current pressure difference caused by the loss of 2 bat.



Two Stage Compression Technical Parameter

	Model	ZAT-20	ZAT-25	ZAT-30	ZAT-40	ZAT-50	ZAT-60	ZAT-75	ZAT-100	ZAT-120	ZAT-150	ZAT-175	ZAT-200	ZAT-250	ZAT-300	ZAT-350	ZAT-375	ZAT-420				
Power	KW	15	18,5	22	30	37	45	55	75	90	110	132	160	185	200	250	280	315				
Capacity		2,9/0,7	3,6/0,7	4,2/0,7	6,4/0,7	7,1/0,7	9,8/0,7	12,2/0,7	16,8/0,7	19,8/0,7	23,6/0,7	30,7/0,7	34,5/0,7	41,0/0,7	44,6/0,7	50,0/0,7	60,0/0,7	67,5/0,7				
		2,8/0,8	3,5/0,8	4,1/0,8	6,3/0,8	7,0/0,8	9,7/0,8	12,0/0,8	16,5/0,8	19,2/0,8	23,1/0,8	28,0/0,8	33,6/0,8	38,4/0,8	43,0/0,8	54,0/0,8	51,0/0,8	65,0/0,8				
		2,4/1,0	2,9/1,0	3,5/1,0	4,9/1,0	5,8/1,0	7,8/1,0	9,6/1,0	12,5/1,0	16,9/1,0	19,7/1,0	23,5/1,0	30,0/1,0	32,5/1,0	38,5/1,0	46,0/1,0	50,0/0,7	61,0/1,0				
		2,2/1,3	2,5/1,3	3,2/1,3	4,2/1,3	5,4/1,3	6,5/1,3	8,6/1,3	11,2/1,3	14,3/1,3	17,6/1,3	19,8/1,3	23,8/1,3	24,8/1,3	32,8/1,3	40,0/1,3	45,0/1,3	51,0/1,3				
Compress Stage		Double stage compression / double stage frequency conversion compression / permanent magnet double frequency conversion																				
Ambient Temperature(℃)		-5℃ ± 45℃																				
Cooling Method		Air Cooling/Water Cooling/Oil Cooling																				
Exhaust Temperature(℃)		≤Ambient temperature +15																				
Lubricant	L	15	18	22	30	36	45	48	54	65	70	80	110	150	160	180	200	250				
Noise	db(A)	≤75									≤78											
Drive Method		Y-△/Frequency Soft Start																				
Eletric	(V/PH/HZ)	380V/50HZ																				
Dimension (mm)	Length	1580			1880			2180			2780			2980			3388			4120		4350
	Width	1080			1180			1430			1580			1880			2200			2130		2050
	Height	1290			1520			1720			2160			2160			1960			2000		2000
Weight	(KG)	680	700	760	980	1080	1980	2180	2280	3200	3360	3450	3850	4980	5390	6800	7200	7800				
Outlet Thread(Inch/mm)		RP11/2					RP2			RP2 1/2		DN80		DN100		DN125						



Permanent Magnet Frequency Conversion Technical Parameter

Model Number	Starting System	Driving Mode	Power (KW)	Flow (m ³) /Pressure (bar)	Cooling-down Method	Outlet Size	Outline Dimension (L: w: h)	Weight (kg)	Noise dB (A)
ZAY-10	Soft Start	Integrated direct drive	7,5/10	0,36-1,3/7 0,33-1,1/8 0,28-0,95/10	air cooling	G 3/4"	800*720*950	620	62±2
ZAY-15	Soft Start	Integrated direct drive	11/15	0,51-1,7/7 0,66-2,2/8 0,62-2,0/10	air cooling	G 3/4"	950*800*1158	450	66±2
ZAY-20	Soft Start	Integrated direct drive	15/20	0,72-2,4/7 0,66-2,2/8 0,62-2,0/10	air cooling	G 3/4"	950*800*1158	480	66±2
ZAY-30	Soft Start	Integrated direct drive	22/30	1,41-3,8/7 1,1-3,60/8 1,96-3,2/10	air cooling	G 1"	1150*880*1360	650	66±2
ZAY-40	Soft Start	Integrated direct drive	30/40	1,59-5,6/7 1,50-5,0/8 1,35-4,5/10	air cooling	G 1"	1150*880*1360	780	66±2
ZAY-50	Soft Start	Integrated direct drive	37/50	2,04-6,8/7 1,86-6,2/8 1,68-5,6/10	air cooling	G 1 1/2"	1300*950*1420	850	68±2
ZAY-60	Soft Start	Integrated direct drive	45/60	2,22-7,4/7 2,16-7,2/8 2,04-6,8/10	air cooling	G 1 1/2"	1300*950*1420	880	68±2
ZAY-75	Soft Start	Integrated direct drive	55/75	3,15-10,5/7 2,88-9,6/8 2,79-9,3/10	air cooling	G 2"	1600*1170*1580	1600	69±2
ZAY-100	Soft Start	Integrated direct drive	75/100	4,18-13,8/7 4,05-13,5/8 3,75-12,5/10	air cooling	G 2"	1600*1170*1580	1750	69±2
ZAY-120	Soft Start	Integrated direct drive	90/120	4,95-16,5/7 4,59-15,3/8 1,17-13,9/10	air cooling	G 2"	1600*1170*1580	1950	69±2
ZAY-150	Soft Start	Integrated direct drive	110/150	6,36-21,2/7 5,94-19,8/8 5,58-18,6/10	air cooling	DN65	2500*1470*1840	2230	75±2
ZAY-175	Soft Start	Integrated direct drive	132/175	7,29-24,3/7 7,14-23,8/8 6,63-22,1/10	air cooling	DN65	2500*1470*1840	2580	75±2
ZAY-200	Soft Start	Integrated direct drive	160/200	8,61-28,7/7 8,28-27,6/8 7,38-24,6/10	air cooling	DN80	2500*1470*1840	2880	75±2
ZAY-250	Soft Start	Integrated direct drive	185/250	9,60-32,0/7 9,15-30,5/8 7,25-27,5/10	air cooling	DN100	2800*1900*1950	4200	78±2
ZAY-300	Soft Start	Integrated direct drive	220/300	11,0-36,7/7 10,3-34,5/8 9,06-30,2/10	air cooling	DN100	2800*1900*1950	4600	78±2
ZAY-350	Soft Start	Integrated direct drive	250/350	12,6-42,0/7 12,1-40,5/8	air cooling	DN100	3300*1900*1950	5000	78±2

ADVANCED COMPUTER LONG-DISTANCE SUPERVISORY SYSTEM

Long-distance supervisory

In the computer supervisory, computer is the main machine. The computer check every running data of compressor in tum, analyse and count the pressure. Then in the correspond place show the analytic result of Exhaust temperature, each phase current, and the running state of compressor. Depend on that data, the user can send the correspond control command to control compressor. So they can know the control data from long-distance control system of compressor, and examine and amend the order interface or compressor running parameter.

Supervise compressor running parameter read compressor running parameter read compressor designed parameter amend compressor designed parameter send control command automatic control compressor running.

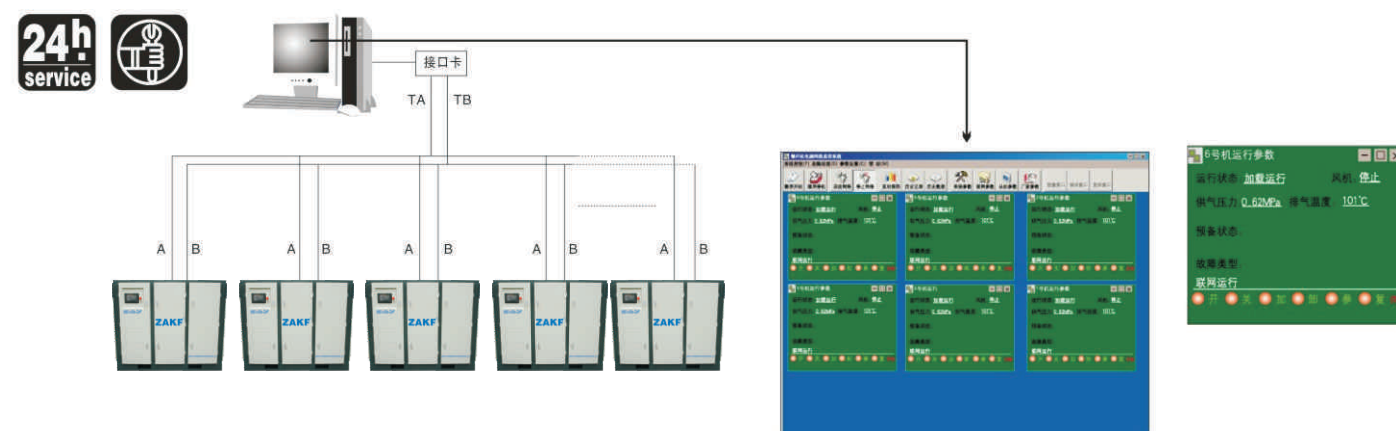
Our guarantee for service:

Before-sales service of enquiry:

We will provide our customers with high quality service on the regular base, to ensure that each machine is running under good condition and further to guarantee that our machine can normally satisfy the customer's needs. including on-site service, operating pressure, supply of accessories, envircnment and location, projent, consultation, technical support, guidance for the piping arrangement, information supply, proposal of whole plant imorovement plan.

After-sales service of maintenance:

Includes machine maintenance, call for nepair of machine, delivery lf consumebles, training of maintenance staff, location reonnaissance, machine remoyal support, proposal of improvement.



Design with humanity,

More Convenient for You.

Super-quiet Sound Design,

Giving You a Tranquil Space.

THE IDEAL COMPRESSED AIR INSTALLATION TO SUITALL INDUSTRIAL REQUIREMENTS

