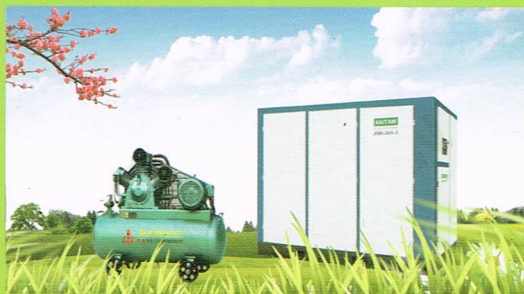




Engineering the Future

KAISHAN

Conserving Earth's Energy



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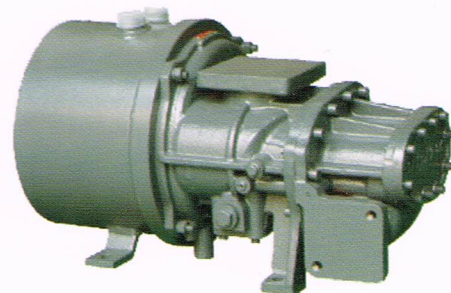
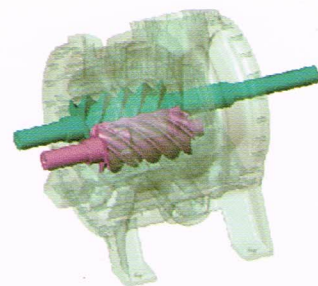


Zhejiang Kaishan Compressor Co., Ltd. is the professional compressor enterprise with over 60 years of history, and it is also the largest air compressor manufacturer in Asia. Kaishan Compressor possesses powerful research capability, the R&D center is located in Seattle Jersey of USA, group of world's top compressor experts has developed large number of high efficiency and saving power technology. On 2015, Kaishan start to develop new market in south-east Asia, and decide to cooperate with Richland Group in Thailand, establish Kaishan (Thailand) Co., Ltd which become center of distributor in Thailand. We can satisfy all customers' demand on air compressor and accessory, and be able to help customers to solve all technical compressor problems.

Zhejiang Kaishan Compressor Co., Ltd. เป็นมืออาชีพด้านบีบลมที่มีประวัติยาวนานกว่า 60 ปี เป็นโรงงานผลิตเครื่องบีบลมที่ใหญ่ที่สุดในเอเชีย ไคชันคอมเพรสเซอร์มีความสามารถในการวิจัยที่มีประสิทธิภาพสูง โดยมีศูนย์วิจัยและพัฒนาอยู่ที่ Seattle, U.S - Jersey North America และมีวิศวกรผู้เชี่ยวชาญด้านบีบลมชั้นนำของโลกร่วมทีม และมีการพัฒนาขึ้นอย่างต่อเนื่องจึงมีประสิทธิภาพที่สูงขึ้น และเทคโนโลยีด้านประหยัดพลังงานปี 2015 ไคชันเริ่มหาตลาดใหม่ในเอเชียตะวันออกเฉียงใต้ และได้ตัดสินใจเข้าร่วมกับกลุ่มบริษัท ริชแลนด์ในประเทศไทย ก่อกำเนิดบริษัทไคชัน (ประเทศไทย) ขึ้นมาเป็นศูนย์บริการและจัดจำหน่ายในประเทศไทย สามารถดูแลตอบสนองลูกค้าบีบลมและอะไหล่ได้เป็นอย่างดี สามารถช่วยแก้ปัญหาด้านเทคนิคของบีบลมได้ทั้งหมด



PM Variable Frequency Screw Air Compressor



OHSAS18001
ISO12100
ISO14001 ISO19001

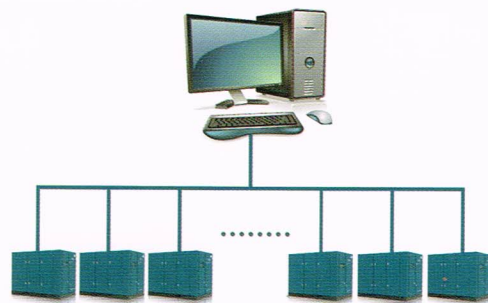
Permeant Magnetic + Inverter
High Efficiency, Power-Saving.
Compact size
High starting torque, low temp
low noise

แม่เหล็กแอมเพียนและอินเวอร์เตอร์
ประสิทธิภาพสูงประหยัดพลังงาน
ขนาดกะทัดรัด
แรงบิดเริ่มต้นสูง, อุณหภูมิต่ำ
เสียงเงียบ (ระดับเสียงต่ำมาก)

MODEL	Motor Power	PRESSURE	CAPACITY	NOISE LEVEL	DIMENSION	WEIGHT
	KW/HP	bar	m ³ /Min	dB(A)	mm	kg
PMVF15Q	15 / 20	6-9	2.37-2.88	58	1200x830x1240	380
PMVF22Q	22 / 30	6-9	3.61-4.22	58	1200x830x1290	480
PMVF37Q	37 / 50	6-9	6.28-7.42	65	1400x1000x1540	710
PMVF45Q	45 / 60	6-9	7.73-9.27	65	1500x1160x1700	990
PMVF55Q	55 / 75	6-9	9.99-11.95	65	1500x1160x1700	990
PMVF55-II	55 / 75	6-9	10.5-12.5	70	2100x1200x1330	1100



Kaitec Series Screw Air Compressor



Kerry coolant



Cooling system



OHSAS18001
ISO12100
ISO14001 ISO19001

Radial Centrifugal Cooling Fan
Larger rotor profile, lower rotating speed
Superior Reliability
Marathon motor IE3 / IP55
KERRY USA air filter and coolant
TOUCH SCREEN CONTROLLER
20 HP - 400 HP, 7 BAR - 13 BAR

พัฒนาระบายความร้อนแบบ Radial Centrifugal
รายละเอียดท่อนหมุนขนาดใหญ่ การหมุนรอบต่ำ
ความเชื่อถือได้
มอเตอร์มาทากอน อเมริกา IE3/IP55
กรองอากาศและน้ำมันหล่อลื่นใช้ของ Kerry อเมริกา
ชุดควบคุมใช้แบบสัมผัส
20-400 แรงม้า แรงดันใช้งาน 7-13 บาร์

MODEL	Motor Power	PRESSURE	CAPACITY	NOISE LEVEL	DIMENSION	WEIGHT
	KW/HP	bar	m ³ /Min	dB(A)	mm	kg
KHE15	15 / 20	8	2.5	67	1450x890x1073	600
KHE22	22 / 30	8	3.58	67	1525x930x1143	800
KHE37	37 / 50	8	6.30	69	1725x1010x1288	1200
KHE45	45 / 60	8	7.75	70	2220x1410x1720	1600
KHE55	55 / 75	8	10.00	70	2220x1410x1720	1800
KHE75	75 / 100	8	14.18	72	2560x1520x1820	2400

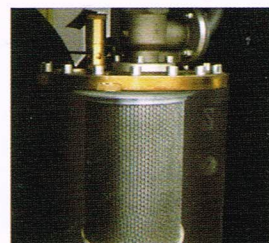
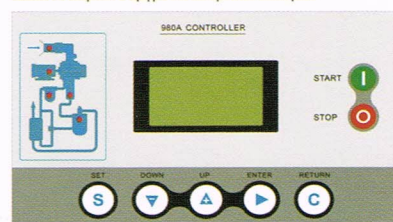


Kaitain Series Screw Air Compressor



2.6 CONTROLLER PANEL LAYOUT

Standard LG compressor is equipped with microprocessor control panel.



OHSAS18001
ISO12100
ISO14001 ISO19001

Superior Reliability

Marathon motor IE3 / IP55

KERRY USA air filter and coolant

Larger rotor profile

Interactive controller system

20HP - 400HP, 7BAR - 13 BAR

ความเชื่อถือได้

มอเตอร์มาราธอน อเมริกา IE3/IP55

กรองอากาศและน้ำมันหล่อลื่นใช้ของ Kerry อเมริกา
สกรูมีขนาดใหญ่

ระบบควบคุมแบบโต้ตอบ

20-400 แรงม้า แรงดันใช้งาน 7-13 บาร์

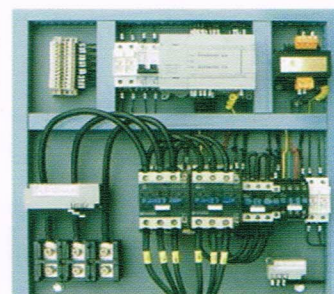
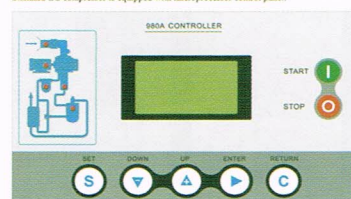
MODEL	Motor Power	PRESSURE	CAPACITY	NOISE LEVEL	DIMENSION	WEIGHT
	KW/HP	bar	m ³ /Min	dB(A)	mm	kg
JN15	15/20	8	2.5	68	1400x850x1150	700
JN22	22/30	8	3.48	68	1570x880x1210	800
JN37	37/50	8	5.95	69	1780x1050x1460	1200
JN45	45/60	8	7.75	70	2580x1210x1510	1750
JN55	55/75	8	10	70	2580x1210x1510	1800
JN75	75/100	8	14.18	72	2990x1520x1850	2500

LG series Screw Air Compressor



2.6 CONTROLLER PANEL LAYOUT

Standard LG compressor is equipped with microprocessor control panel.



OHSAS18001
ISO12100
ISO14001 ISO19001

COMPETITIVE PRICING

Advance micro computer protect system

IE3/IP55 HIGH EFFICIENCY MOTOR

Versatile Package Control System

interactive controller system

10 HP - 400 HP, 7 BAR - 13 BAR

ราคาที่แข่งขันได้

ติดตั้งระบบป้องกันคอมพิวเตอร์

มอเตอร์ประสิทธิภาพสูงระดับพรีเมียม ดัชนีป้องกัน IE3/IP55

ระบบควบคุมรวมอเนกประสงค์

ระบบควบคุมแบบโต้ตอบ

10-400 แรงม้า แรงดันใช้งาน 7-13 บาร์

*B=BELT TYPE, G=DIRECT TYPE

MODEL	Motor Power	PRESSURE	CAPACITY	NOISE LEVEL	DIMENSION	WEIGHT
	KW/HP	bar	m ³ /Min	dB(A)	mm	kg
LG-2.4/8B	15/20	8	2.40	71	1060x800x1230	550
LG-3.6/8G	22/30	8	3.60	72	1420x850x1110	650
LG-6.0/8G	37/50	8	6.20	73	1630x910x1220	1050
LG-7.5/8G	45/60	8	7.50	74	1770x1000x1300	1100
LG-10.5/8G	55/75	8	10.00	74	1950x1160x1550	1500
LG-13/8G	75/100	8	13.00	75	2440x1160x1620	1900

Reciprocating Air Compressor

KA series

This series air compressor widely used in pneumatic lock, pneumatic tool, the inflation, blowing process, spray, sand blasting and fluidic element.



Specification for KA series

Model	Working Pressure		Capacity		Motor Power		Cylinder Dia*Qty	Air Tank L	Weight kg	Dimension mm
	bar	psi	m³/min	cfm	kW	hp				
KA-3	8	116	0.30	11	2.2	3	φ80*2	130	150	1310*500*960
KA-4			0.40	14	3	4		120	160	
KA-5.5			0.52	19	4	5.5	φ80*3	170	250	1425*560*1011
KA-7.5			0.67	24	5.5	7.5		300	400	1368*560*1050
KA-10			1.00	36	7.5	10	φ100*3	230	400	1554*650*1140
KA-15			1.51	54	11	15		300	500	1635*700*1220
KA-20			2.00	71	15	20	φ120*3	410	600	1800*800*1300
KA-25			2.50	89	18.5	25		480	650	1800*800*1370
KA-30			3.00	107	22	30	LPφ155*2 HPφ120*1	700	1900*850*1400	
KAH-5.5	12.5	181	0.45	16	4	5.5	LPφ80*2 HPφ65*1	165	260	1425*560*1050
KAH-7.5			0.65	23	5.5	7.5	LPφ100*2 HPφ80*1	370	420	1490*560*1050
KAH-10			0.84	30	7.5	10		230	420	1554*650*1140
KAH-15			1.22	44	11	15	LPφ120*2 LPφ100*1	325	520	1635*670*1320
KAH-20			1.60	57	15	20		400	630	1800*800*1370
KAH-25			2.00	71	18.5	25	LPφ155*2 HPφ120*1	680	1800*800*1370	
KAH-30			2.50	89	22	30		730	1900*800*1400	

※ We reserve the right to change specifications without notice in the interest of product improvements.

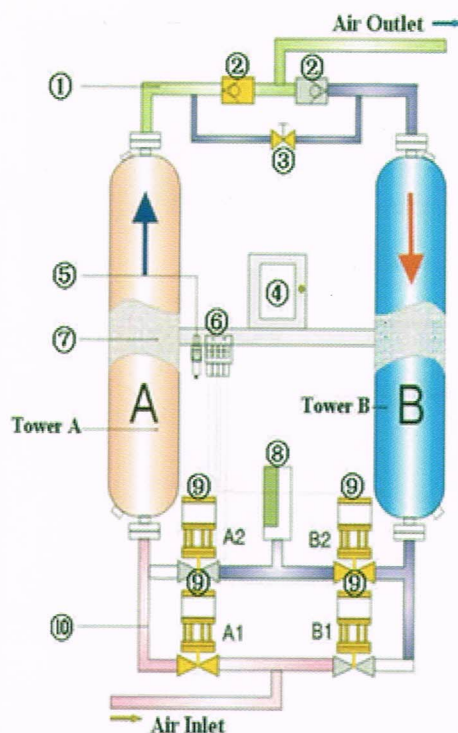
Krst - Single stage rotary



KRST SERIES SPECIFICATIONS

MODEL	CAPACITY	POWER	PRESSURE	MAXIMUM	SOUND	DIMENSIONS (IN.)			WEIGHT	STARTER
MTA	ACFM	HP	PSI	PSI	dB(A)	L	W	H	LB	
KRST-7.5-115	25	7.5	115	125	67	74	26	64	1323	Direct
KRST-7.5-125	25	7.5	125	135	67	74	26	64	1323	Direct
KRST-7.5-150	22	7.5	150	160	67	74	26	64	1323	Direct
KRST-10-115	37	10	115	125	67	74	26	64	1433	Direct
KRST-10-125	37	10	125	135	67	74	26	64	1433	Direct
KRST-10-150	33	10	150	160	67	74	26	64	1433	Direct
KRST-15-115	56	15	115	125	68	75	28	66	1764	Y-Delta
KRST-15-125	56	15	125	135	68	75	28	66	1764	Y-Delta
KRST-15-150	48	15	150	160	68	75	28	66	1764	Y-Delta
KRST-20-115	84	20	115	125	68	75	28	66	1940	Y-Delta
KRST-20-125	83	20	125	135	68	75	28	66	1940	Y-Delta
KRST-20-150	66	20	150	160	68	75	28	66	1940	Y-Delta

Adsorption Air Dryer



1. Upper Tube System
2. Check Valve
3. Throttle Valve
4. Controller
5. Pneumatic Control Valve
6. Solenoid Valve
7. Absorbent
(activated alumina and molecular sieves)
8. Muffler
9. Pneumatic (Valve A1, A2, B1, B2)
10. Underside Tube System

Working Conditions :

- ◆ Working pressure 0.6 - 1.0MPa
 - ◆ Pressure dew point : - 20°C ~ - 40°C
 - ◆ Air inlet temperature : 0°C ~ 45°C
 - ◆ Power supply : KSD0005-KSD0120 : 220v/50hz/1ph
KSD0150-KSD2000 : 380v/50hz/3ph
 - ◆ Compressed air consumption : ≤14%
 - ◆ Pressure drop : ≤0.025Mpa
 - ◆ Absorbent: activated alumina & molecular sieves
- If need the heatless adsorption air dryer is not in standard, please contact the supplier.

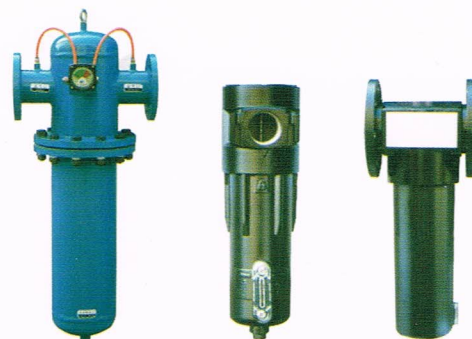


Model	Air Flow Rates		Air connection	Net Weigh	Dimension (LxWxH)
---	Nm ³ /min	CFM	mm	kg	mm
KSD 0005	0.8	28	DN15	70	560x350x1420
KSD 0010	1.8	64	DN20	80	600x350x1720
KSD 0020	2.8	99	DN20	100	700x450x1750
KSD 0030	3.8	134	DN25	130	800x450x1800
KSD 0040	5.5	194	DN40	250	1000x650x1800
KSD 0060	6.8	240	DN40	280	1000x650x1800
KSD 0080	8.8	311	DN50	450	1060x760x2000
KSD 0100	11.5	406	DN50	500	1160x760x1900
KSD 0120	14	494	DN65	550	1160x750x2050
KSD 0150	16	565	DN65	580	1260x800x2000
KSD 0200	22.8	805	DN80	860	1500x1000x2050
KSD 0250	28.5	1007	DN80	1200	1600x1000x2180
KSD 0300	35	1236	DN80	1600	1700x1100x2200
KSD 0400	45	1589	DN100	1900	1800x1100x2400
KSD 0500	55	1943	DN100	2300	2100x1100x2500
KSD 0600	65	2296	DN125	2800	2400x1200x2650
KSD 0800	85	3002	DN150	3400	2600x1300x2900
KSD 1000	105	3709	DN150	4100	3000x1500x3000
KSD 1200	120	4238	DN200	4500	3200x1600x3000
KSD 1600	160	5651	DN200	6000	3800x1800x3000
KSD 2000	200	7064	DN250	7500	4200x2000x3000

Air Filter

Compressed air Precision filter and self-cleaning air compressor suction filter are main filters of Zhejiang Kaishan Pressure Vessel Co.,Ltd. The America Hankison filter is applied to Kaishan Compressed air Precision filter. The completely filter grade offers a widely application scope for filter.

Self-cleaning air compressor suction filter is the new product that developed from industrially asvanced country. Kaishan self-cleaning air compressor suction filter has studied the experience of similar products at home and abroad and widely collect advantages of foreign well-known products. It makes Kaishan product with full automatic control self-cleaning filter back functions.



Specifications

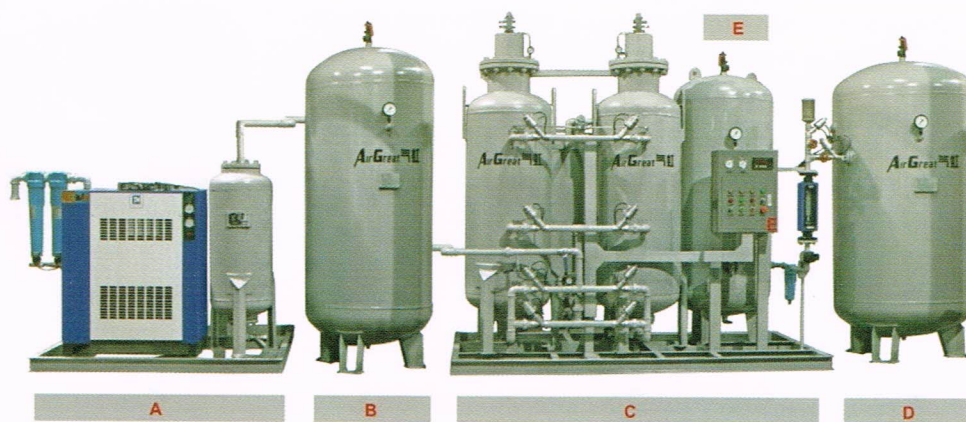
Model	Pipe Orifice	Flow Capacity Nm ³ / min	Filter Element No	Dimension mm			Weight kg	Outside View
				O	W	H		
KSAF-1	Rc1/2"	1.2	1		96	200	2.8	Thread
KSAF-2	Rc1"	2.5	1		96	235	3.8	
KSAF-3	Rc1"	3.6	1		138	331	4.8	
KSAF-5	Rc1.5"	5.5	1		138	432	5.8	
KSAF-6	Rc1.5"	6.8	1		138	432	5.8	
KSAF-12	Rc2"	12	1		174	533	7	
KSAF-15	DN65	16	1	159	399	950	49	Flange
KSAF-20	DN65	22	1	159	399	1110	49	
KSAF-25	DN80	26.8	1	159	399	1250	59	
KSAF-30	DN80	32	2	219	459	985	76	
KSAF-40	DN100	43.5	2	219	459	1130	76	
KSAF-50	DN100	53	3	273	513	1190	106	
KSAF-60	DN125	67	3	273	513	1190	106	
KSAF-80	DN125	90	4	325	565	1220	135	
KSAF-100	DN150	110	5	412	637	1290	181	
KSAF-120	DN150	130	5	412	637	1445	181	
KSAF-150	DN200	160	7	462	762	1630	213	
KSAF-200	DN200	210	9	462	762	1630	244	
KSAF-250	DN250	250	11	512	812	1750	274	
KSAF-300	DN250	300	13	562	832	1800	312	
KSAF-350	DN250	350	16	662	962	1835	371	
KSAF-400	DN300	400	18	662	962	1915	427	
KSAF-450	DN350	450	21	712	1012	1915	427	
KSAF-500	DN350	500	23	712	1012	1980	427	
KSAF-550	DN400	550	26	812	1116	2000	493	
KSAF-600	DN400	600	28	812	1116	2000	493	

Specifications

Filter Element	Filter Type	Filter Fineness um	Residual Oil Content ppm	Initial Pressure Drop MPa
HC	Primary prefiltering, filter dust particles and water mist, oil mist	3	5	0.007
HT	Efficient general filter,filter dust particles and water mist, oil mist	1	1	0.007
HA	Efficient Oil remove,filter dust particles and water mist, oil mist	0.01	0.01	0.01
HF	Super efficient filter,filter dust particles and water mist, oil mist	0.01	0.003	0.017
HH	Carbon filter,filter out particles smell, water mist, oil mist	0.01	0.003	0.017



Structure of Nitrogen Gas Generator



PSA nitrogen gas generator is composed of five parts:

A. Compressed Air Purification System

To remove dust, water and oil from the compressed air.

B. Air Buffer Tank

Ensure the stable supply of air for O_2 / N_2 separation system.

C. O_2 / N_2 Separation System

It's the core of the whole equipment. It produces N_2 with the PSA technology.

D. Nitrogen Storage Tank

It storage N_2 for ensuring the supply smoothly and continuously.

E. Electrical Control System

It's the control centre of the whole equipment.

A. Compressed Air Purification System

- (1) First-class Filters
- (2) Frozen Dehydrator
- (3) Second-class Filters
- (4) Third-class Filters
- (5) Effective Degreaser

B. Air Buffer Tank

- (6) Air Tank

C. O_2 / N_2 Separation System

- (7) Absorption tower A
- (8) Absorption tower B
- (9) Closing Valves
- (10) Pneumatic Valve
- (11) Guided Tracheal
- (12) Muffler
- (13) Carbon Molecular Sieve
- (14) Air Cushion
- (15) Air Distribution
- (16) Wide Gas Collection
- (17) Pressure Regulating Valve
- (18) Cylinder
- (19) Base

D. Nitrogen Buffer System

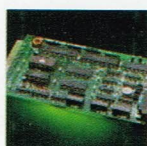
- (20) Nitrogen Gas Tank
- (21) Second-class Filters
- (22) Flowmeter
- (23) Pressure Regulating Valve
- (24) Emptying Valve
- (25) Export Control Valve

E. Electrical Control System

- (26) Nitrogen Analyzer
- (25) Automatic Alarm
- (25) PLC Controller
- (25) Electromagnetic Valve

Nitrogen gas is the main component to air. Because it's difficult to react with other chemical substances, nitrogen is usually used as the protection gas in production, and is widely used in electronics, chemicals, coals, foodstuffs, pharmacies, magnetic materials, cables, metal processing, ports, transports, heat treatments, metallurgy, aviation, tires and other industries.

Applications of Nitrogen Gas



Electronics

The production protection of package, LED/LCD, battery, especially in the lead-free soldering of SMT.



Metal Heat Treatments

Metal smelting, steel pipe, mesh oven, liquid aluminum cleaner, metal thread, cable, metal cutting & cooling protection.



Oils

Oil extraction, refining, transportation, handling, storage and cleaning, almost every step needs to use nitrogen gas.



Pharmacies

The production protections of drugs.



Chemicals

The production protection of PVC, PE, polyethylene, silicone, rosin, plastic, ink, ethanol, hydrogen peroxide, and so on



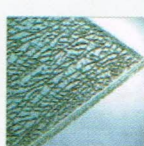
Mines

Widely used in mine of gold, silver and rare soil, especially in coal mine for fire-prevention areas.



Foodstuffs

Cake, bread, potato chips, cookies, fragrance, pickles, pie, coffee, beer, cooking oil, and so on.



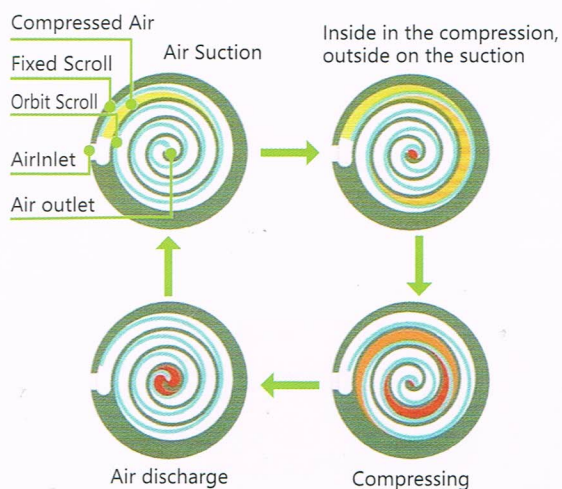
Float glass

The production protections of float glass

Kaishan Scroll Air Compressor



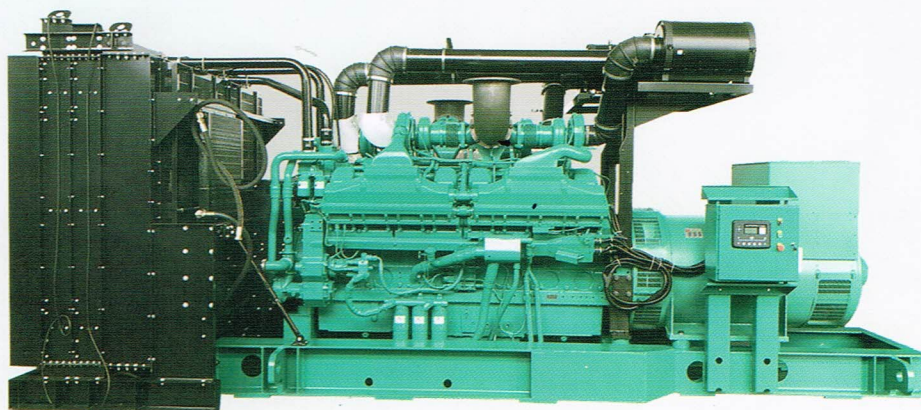
Working Principle:



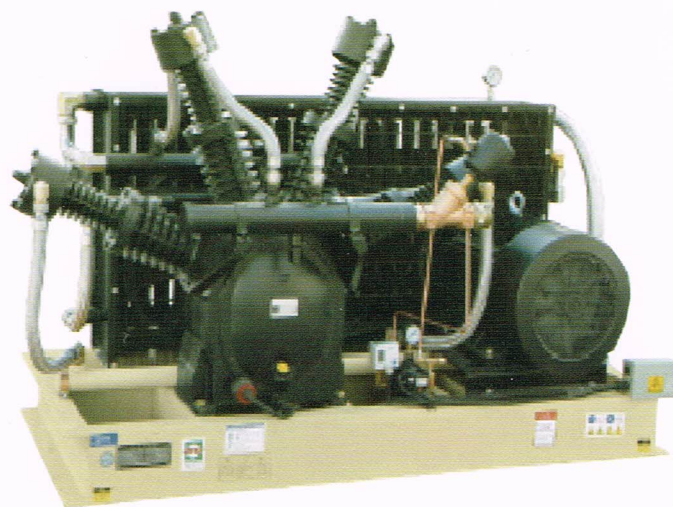
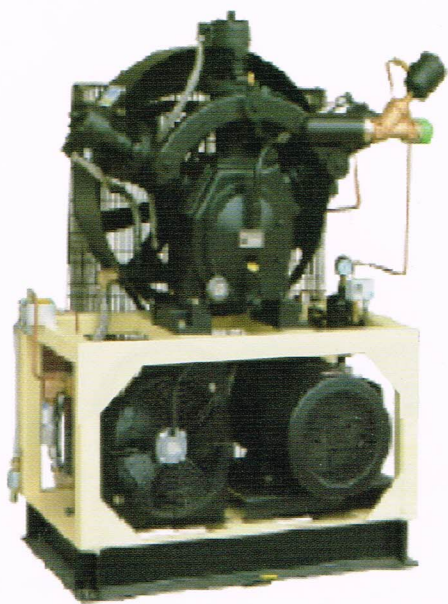
Product Specification Sheet

MODEL		WX-0.6/8	WX-0.8/10	WX-1.0/8	WX-1.5/8
Air-delivering cap.(m ³ /Min)		0.6	0.8	1.0	1.5
Air-delivering pressure (Bar)		8	10	8	8
Air-delivering temp (°C)		ambient temp + 50			
Noise dB(A)		60±3	60±3	60±3	60±3
Oil content (ppm)		≤3, slightly			
Electric motor	Rotate speed(rpm)	2900			
	Power(Kw/Hp)	4/6	7.5/10	7.5/10	11/15
	Starting mode	direct coupling, direct starting up			
	V/Hz/Ph	380V/50Hz/3Ph			
Size L*W*H (mm)		935*540*695	960*560*800		1080*640*880
Weight (Kg)		185	238	238	363

Diesel Generator



Booster Air Compressor



Model	Bare model	Inlet pressure Mpa	Outlet pressure Mpa	Inlet capacity (low pressure) m3/min	Outlet capacity (high pressure) m3/min	Model power KW	Speed r.p.m	Size (L x W x H)mm	Weight Kg
BC108	BC1221	0.7	3.5	0.85	0.72	5.5	670	935x900x1325	330
BC180	BC1621	0.7	3.0	1.4	1.2	5.5	670	935x900x1325	350
BC180	BC1621	1.0	3.0	2	1.85	7.5	670	935x900x1325	350
BC260	BC1621	0.5	2.0	1.5	1.3	5.5	950	935x900x1325	360
BC260	BC1621	0.7	3.0	2	1.7	7.5	950	935x900x1325	370
BC260	BC1621	1.0	3.5	2.8	2.4	9	950	935x900x1325	380
BC260	BC1621	1.3	4.0	3.5	3.1	9	950	935x900x1325	380
BC330	BC2021	0.5	2.0	1.9	1.6	5	800	935x900x1325	390
BC330	BC2021	0.7	3.0	2.8	2.1	9	800	935x900x1325	400
BC330	BC2021	1.0	3.5	3.6	3.1	11	800	935x900x1325	430
BC330	BC2021	1.3	4.0	4.5	4.0	15	800	935x900x1325	450
BC430	BC1631	0.5	2.0	2.5	2.1	11	1050	1330x735x1600	390
BC430	BC1631	0.7	3.0	3.4	2.8	11	1050	1330x735x1600	440
BC430	BC1631	1.0	3.5	4.6	4.0	15	1050	1330x735x1600	460
BC430	BC1631	1.3	4.0	5.9	5.2	15	1050	1330x735x1600	460
BC560	BC2031	0.5	2.0	3.3	2.8	11	900	1330x735x1600	450
BC560	BC2031	0.7	3.0	4.4	3.6	15	900	1330x735x1600	470
BC560	BC2031	1.0	3.5	6	5.2	18.5	900	1330x735x1600	500
BC560	BC2031	1.3	4.0	7.6	6.7	22	900	1330x735x1600	510
BC650	BC2031	0.5	2.0	3.8	3.2	15	1050	1330x735x1600	470
BC650	BC2031	0.7	3.0	5.1	4.2	18.5	1050	1330x735x1600	500
BC650	BC2031	1.0	3.5	7	6.0	22	1050	1330x735x1600	510
BC650	BC2031	1.3	4.0	8.9	7.8	22	1050	1330x735x1600	510
BC-5.6/35-10	BC2041	1.0	3.5	6.5	5.6	18.5	585	2070x1000x1115	835
BC-7.1/40-13	BC2041	1.3	4.0	8.3	7.1	22	585	2070x1000x1115	840
BC-6.0/35-10	BC2041	1.0	3.5	7	6	22	630	2070x1000x1115	845
BC-7.7/40-13	BC2041	1.3	4.0	8.9	7.7	22	630	2070x1000x1115	845
BC-6.7/40-10	BC2041	1.0	3.5	7.8	6.7	22	700	2070x1000x1115	845
BC-8.5/40-13	BC2041	1.3	4.0	9.9	8.5	25	700	2070x1000x1115	850
BC-7.0/30-7	BC2041	0.7	3.0	8.3	7	30	735	2130x1000x1235	900
BC-8.2/35-10	BC2041	1.0	3.5	9.6	8.2	30	630	2130x1000x1235	905
BC-10.4/40-13	BC2041	1.3	4.0	12.2	10.4	30	630	2130x1000x1235	905