

PRODUCT MANUAL

产品手册



- 智慧/Wit
- 节能/Energy conservation
- 可靠/Reliable

产品系列/Product series

P03-06

永磁系列
Permanent magnet series



P07-10

激光切割机
Laser cutting machine



P11-12

微油螺杆真空泵
Micro oil screw vacuum pump



P13-14

活塞式空压机
Piston type air compressor



P15-16

无油机系列
Oil-free machine series



P19-22

干燥机系列/Dryer series



P23-24

制氮机制氧机
Nitrogen production
mechanism oxygen machine



P25

二合一空压机
2-in-1 air compressor



P26

空压机耗材及配件
Air compressor consum-
ables and accessories



东莞市蒂豪自动化设备有限公司
Dongguan Dihao Automation Equipment Co., LTD

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COMPANY INTRODUCTION

公司介绍



东莞市蒂豪自动化设备有限公司

Dongguan Dihao Automation Equipment Co., LTD

专注于压缩空气净化产品的研发、制造, 以及过滤产品/Focused on the research and development, manufacturing of compressed air purification products, as well as filtration and separation products.

公司正式成立以来, 便牢牢扎根于制造业氛围浓厚、产业活力充沛的广东省东莞市。作为一家专注于通用设备制造业的企业, 公司自创立之初便明确核心发展方向, 凭借对行业市场需求的敏锐捕捉与专业技术积淀, 在自动化设备领域稳步开拓, 致力于为不同行业、不同规模的企业客户, 提供兼具高品质与高性价比的设备产品及配套服务, 助力客户提升生产效率。

在核心业务与产品布局上, 公司聚焦工业生产领域的关键设备需求, 主营产品品类丰富且覆盖多个重要应用场景。其中, 永磁变频螺杆空压机以高效节能、运行稳定的优势, 可满足大中小型企业的持续供气需求, 有效降低企业能耗成本; 活塞空压机凭借可靠耐用的性能, 成为中小型生产场景的实用之选; 无油机则针对食品、医药、电子等对气体洁净度要求严苛的行业, 提供洁净无污染的气源支持, 保障生产环节的安全与质量。此外, 公司还供应激光切割机, 助力企业实现高精度、高效率的金属加工操作; 微油螺杆真空泵则为工业真空应用场景提供强劲动力, 适配多种生产工艺需求。同时, 为保障设备长期稳定运转, 公司还配套提供空压机三滤耗材及各类配件, 构建起“设备+耗材+配件”的一体化服务体系, 全方位覆盖客户从设备采购到日常维护的一站式需求, 切实为客户解决生产运营中的设备相关问题。

未来, 东莞市蒂豪自动化设备有限公司将继续深耕通用设备制造业, 不断打磨产品性能、优化服务流程, 以更优质的产品与更专业的服务, 为推动客户企业生产效率提升、助力区域制造业高质量发展持续贡献力量。

Since its official establishment, the company has firmly rooted itself in Dongguan City, Guangdong Province, a region with a strong manufacturing atmosphere and vigorous industrial vitality. As an enterprise focusing on the general equipment manufacturing industry, the company has clearly defined its core development direction since its founding. Relying on its keen insight into industry market demands and accumulated professional technical expertise, it has made steady progress in the field of automation equipment. It is committed to providing enterprise customers in different industries and of various scales with equipment products and supporting services that combine high quality and cost-effectiveness, helping customers improve production efficiency.

In terms of core business and product layout, the company focuses on the key equipment needs in the industrial production field. Its main products cover a wide range of categories and meet many important application scenarios. Among them, the permanent magnet variable frequency screw air compressor, with the advantages of high energy efficiency and stable operation, can meet the continuous air supply needs of large, medium and small enterprises and effectively reduce their energy consumption costs; the piston air compressor, relying on its reliable and durable performance, has become a practical choice for small and medium-sized production scenarios; the oil-free air compressor is designed for industries with strict requirements on gas cleanliness such as food, medicine and electronics, providing clean and pollution-free gas source support to ensure the safety and quality of the production process. In addition, the company also supplies laser cutting machines to help enterprises achieve high-precision and high-efficiency metal processing operations; the micro-oil screw vacuum pump provides strong power for industrial vacuum application scenarios and is suitable for various production processes. At the same time, to ensure the long-term stable operation of equipment, the company also provides supporting air compressor three-filter consumables and various accessories, building an integrated service system of "equipment + consumables + accessories". This system fully covers the one-stop needs of customers from equipment procurement to daily maintenance, effectively solving equipment-related problems for customers in their production and operation.

In the future, Dongguan Dihao Automation Equipment Co., Ltd. will continue to deepen its presence in the general equipment manufacturing industry, constantly refine product performance and optimize service processes. With higher-quality products and more professional services, it will continue to contribute to promoting the improvement of customers' production efficiency and boosting the high-quality development of the regional manufacturing industry.



新一代永磁系列

New generation of permanent magnet series

高端主机、恒压供气、消除空载
High-end host, constant pressure gas supply, eliminating no-load



节能与智慧结合

The combination of energy saving and wisdom

- 多项专利设计 恒压供气、完善的微电脑控制系统
Multiple patented designs
Constant pressure gas supply, perfect microcomputer control system
- 一级能效机型 构造合理，维护方便
First class energy efficiency model
Reasonable construction and convenient maintenance

技术革新的同时，我们更注重用户的体验！
只为给您提供更适用、更省电、更安全的供气保障。

At the same time of technological innovation, we pay more attention to the user experience! Only to provide you with more applicable, more power-saving, more safe gas supply protection

永磁变频螺杆空压机
Permanent magnet variable frequency screw air compressor
提供高效益、易维护、更为经济的空气系统
Provide high-efficiency, easy-to-maintain and more economical air systems

技术参数 Technical parameters									
型号Model	电压/相序/频率 Volt/Ph/Hz	功率 Power KW/HP	压力 Pressure bar	容积流量 Flow m³/min	润滑油容量 Lubricant(L)	噪音 Noise db(A)	输气接口径 Air outlet pipe diameter	外形尺寸/长x宽x高 Dimension(MM)	重量 Weight(KG)
DH10HPM	380/2/50	7.5/10	8	1.1	6	68±2	G1/2	900×700×910	170
DH10HPM			10	0.94					
DH10HPM			12	0.72					
DH15HPM	380/3/50	11/15	8	1.75	10	70±2	G3/4	1080×780×1020	260
DH15HPM			10	1.6					
DH15HPM			12	1.38					
DH20HPM	380/3/50	15/20	8	2.25	10	70±2	G3/4	1080×780×1020	270
DH20HPM			10	2.05					
DH20HPM			12	1.85					
DH30HPM	380/3/50	22/30	8	3.6	16	70±2	G3/4	1080×880×1220	350
DH30HPM			10	3.3					
DH30HPM			12	2.9					
DH50HPM	380/3/50	37/50	8	6.2	24	75±2	G11/2	1200×1100×1400	560
DH50HPM			10	5.6					
DH50HPM			12	5.1					
DH75HPM	380/3/50	55/75	8	9.6	35	77±2	G11/2	1560×1140×1440	940
DH75HPM			10	8.6					
DH75HPM			12	5.8					
DH100HPM	380/3/50	75/100	8	12.5	53	78±2	DN40	1740×1300×1610	1220
DH100HPM			10	11.9					
DH100HPM			12	10.3					

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卓越的远程物联网功能

Excellent remote Internet of Things function

工作状况了如指掌/真正实现无人值守
Work conditions are well known/truly unattended operation

压缩机控制系统采用全智能微电脑监控系统, 操作简单, 通过采集大数据, 让您在客户端享受轻松愉快的操作体验。只需要通过因特网浏览器, 在电脑和手机上都可以查看您的压缩空气系统的即时数据, 而无需任何额外的软件, 真正实现无人值守。电机过载停机保护, 空载过久自动停机, 节省能源, 停车延时保护, 逆相缺相保护, 温度过高停机保护, 空气过滤器、油过滤器、油气分离芯维护指示, 并可显示三滤运行时间, 全智能控制, 机组具有故障自动诊断, 显示、报警、保护等功能。

Compressor control system adopts fully intelligent micro-computer monitoring system, which is easy to operate. By collecting large data, you can enjoy a relaxed and pleasant operation experience in the client. Simply through the internet, you can view the real-time data of your compressed air system on any computer and mobile phone, without any additional software, and truly realize unattended operation. Motor overload auto-stop protection, no-load auto-stop protection, energy power saving, stop delay protection, reverse phase gap protection, high temperature auto-stop protection, air filter, oil filter, oil and gas separation element maintenance instructions, and can display three kinds of filters operation time, full intelligent control, the unit has automatic fault diagnosis, display, alarm, protection and other functions.



技术参数/Technical parameter									
型号 Model	电压/相序/频率 Volt/Ph/Hz	功率 Power KW/HP	压力 Pressure bar	容积流量 Flow m³/min	润滑油容量(L) Lubricant	噪音 db(A) Noise	输气管口径 Air outlet pipe diameter	外形尺寸 长×宽×高mm Dimension	重量 Kg Weight
DH125HPM	380/3/50	90/125	8	15.0	53	76	DN65	2500×1600×2090	2050
DH125HPM			10	14.2					
DH125HPM			12	13.0					
DH150HPM	380/3/50	110/150	8	18.6	72	76	DN65	2500×1600×2090	2050
DH150HPM			10	17.0					
DH150HPM			12	16.1					
DH175HPM	380/3/50	132/175	8	22.5	72	76	DN65	2500×1600×2090	2100
DH175HPM			10	19.9					
DH175HPM			12	17.1					

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永磁变频空压机图解

Illustration of Permanent magnet variable frequency Air compressor



- 1 品牌一体式螺杆主机
Famous Brand integrated screw air end
- 2 高效节能永磁电机
High Efficiency and Energy Saving Permanent Magnet Motor
- 3 高效风机冷却系统
Efficient fan cooling system
- 4 控制系统, 操作简单, 轻松工作
Control system is simple to operate and easy to work
- 5 采用原装优异的油气分离器
Using original excellent oil-gas separator
- 6 变频器采用世界顶级电器供应商, 极大提高电器使用寿命
Inverter which produced by the world's top electrical suppliers
- 7 空滤器纳污能力高, 稳定性强
The air filter has high capacity of absorbing pollutants
- 8 环保机箱, 选用优质钢材, 耐腐蚀。
ROHS machine case, high quality steel, corrosion resistance

技术参数/Technical parameter									
型号 Model	电压/相序/频率 Volt/Ph/Hz	功率 Power KW/HP	压力 Pressure bar	容积流量 Flow m³/min	润滑油容量(L) Lubricant	噪音 db(A) Noise	输气管口径 Air outlet pipe diameter	外形尺寸 长×宽×高mm Dimension	重量 Kg Weight
DH200HPM	380/3/50	160/200	8	26.0	72	76	DN65	2500×1600×2090	2150
DH200HPM			10	23.6					
DH200HPM			12	20.0					
DH250HPM	380/3/50	185/250	8	31.0	90	78	DN80	2780×1600×2100	3500
DH250HPM			10	28.4					
DH250HPM			12	25.6					
DH300HPM	380/3/50	220/300	8	35.3	108	78	DN100	3230×1880×1920	3650
DH300HPM			10	32.4					
DH300HPM			12	28.9					
DH350HPM	380/3/50	250/350	8	42.3	108	78	DN100	3230×1880×1920	4300
DH350HPM			10	38.5					
DH350HPM			12	35.2					

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激光切割一体机

Laser cutting all-in-one machine

集空气压缩、干燥、过滤、储气四大功能于一体，无需繁琐的外接设备，减少了能量在传输过程中的损耗。搭载先进的变频技术，能根据实际用气需求智能调节运行功率，避免了传统空压机空载运行时的能源浪费，每小时可节省电能高达 20% 以上。

It integrates four major functions: air compression, drying, filtration and gas storage. It does not require complicated external equipment and reduces energy loss during transmission. Equipped with advanced frequency conversion technology, it can intelligently adjust the operating power according to the actual gas demand, avoiding the energy waste of traditional air compressors during no-load operation. It can save up to 20% or more of electricity per hour.

用智能技术守住每一分能源价值

Safeguard every bit of energy value with intelligent technology



■ 全彩7寸触摸显示器

简单方便的操作系统，PLC可编程控制器，485通讯，工业物联网+，享受轻松愉快的操作体验。

■ Full-color 7-inch touch display

Simple and convenient operating system, PLC programmable controller, 485 communication, Industrial Internet of Things +, enjoy a relaxed and pleasant operation experience.

■ 品牌过滤器

为激光切割提供清洁气源，有效保护切割机镜片、减少压差降低能耗

■ Brand filter

Provide a clean gas source for laser cutting, effectively protect the cutting machine lens, reduce pressure difference and lower energy consumption



■ 强劲主机

采用汉钟主机，能耗低，噪音低，平稳可靠，切割更流畅，切面更平整

■ Powerful host

Hanbell main engine, low energy consumption, low noise. Smooth and reliable, the cutting is more smooth, and the cutting surface is more flat

■ 高等级变频器

汇川品牌，稳定可靠，实力保证，全球压缩机行业高端首选。

■ High-grade frequency converter

Inovance brand, stable and reliable, with guaranteed strength, is the top choice for high-end products in the global compressor industry.



四合一空压机 节能增效新选择

Four-in-one air compressor, a new choice for energy conservation and efficiency improvement

无需安装、可调压力、接电即用

No installation, adjustable pressure, ready-to-use



8MPa



16MPa

激光切割JCG系列 8MPa

Laser cutting JCG series 8MPa

8MPa 技术参数 Technical Parameter					
型 号 M o d e l		JCG10	JCG20	JCG30	JCG50
额定排气压力 Rated exhaust pressure (MPa)		0.8	0.8	0.8	0.8
额定排气量 Rated displacement (m³/min)		1.1	2.25	3.6	6.2
后部冷却器出口温度 (℃) Rear cooler outlet temperature(℃)		环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15
输气口连接尺寸 Air delivery port connection dimensions		G1/2	G3/4	G3/4	G1
冷却方式 Cooling mode		风冷 Air cooling	风冷 Air cooling	风冷 Air cooling	风冷 Air cooling
传动方式 Transmission mode		一体式 Integrated	一体式 Integrated	一体式 Integrated	一体式 Integrated
主电机 Main motor	功率 Power HP/kW	10/7.5	20/15	30/22	50/37
	转速 rpm	2200 (146Hz)	2600 (173Hz)	3400 (227Hz)	3600 (240Hz)
	启动方式 Starting mode	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting
	电压 (V) 频率范围 (Hz) Voltage(V) Frequency range(Hz)	300V/60-146Hz	380/190-327Hz	380V/130-227Hz	380V/66-240Hz
	绝缘等级 Insulation class	F级	F级	F级	F级
吸气状态 Inspiratory state	温度 (℃) Temperature(℃)	≤40	≤40	≤40	≤40
	压力 [Kg/cm² (A)] Stress[Kg/cm²(Al)]	1.033	1.033	1.033	1.033
	相对湿度 (%) Relative humidity (%)	60	60	60	60
风机功率 Wind power	功率 (kW) Power(kw)	0.165	0.25	0.25	0.45
	转速 (50Hz) (rpm) Rotational speed(50Hz)(rpm)	1360	1400	1400	1320
	电压 (V) 频率 (Hz) Voltage(V)frequency(Hz)	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
冷干机 Drying machine	型号 Model number	TR01-JC	TR02-JC	TR03-JC	TR04-JC
	功率 (kW) Power(kw)	0.37	0.52	0.52	0.52
	额定处理量 (m³/min) Rated capacity (m³/min)	1.2	2.4	3	4
	电压 (V) 频率 (Hz) Voltage(V)frequency(Hz)	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
	进气温度≤ Intake temperature≤	65C°	65C°	65C°	65C°
运行参数 Running parameter	卸载压力 MPa Loading pressure MPa	1.62	1.58	1.58	1.58
	恢复加载压力 MPa Restoring load pressure MPa	1.45	1.45	1.45	1.45
	安全阀开启压力 MPa Opening pressure of safety valve MPa	1.76	1.76	1.76	1.76
	停机保护温度 (℃) Shutdown protection temperature(℃)	110	110	110	110
	外型尺寸 (L x W x H) (mm) Overall dimension(L×W×H)(mm)	1765×750×1565	1855 X 820 X 1695	1855 X 820 X 1695	1810 X 960 X 1730
机组重量 (kg) Unit weight(kg)		410	410	420	570

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激光切割JCG系列 16MPa

Laser cutting JCG series 16MPa

16MPa 技术参数 Technical Parameter								
型 号 M o d e l		JCG10	JCG20	JCG30	JCG40	JCG50	JCG75	JCG100
额定排气压力 Rated exhaust pressure (MPa)		1.6	1.6	1.6	1.6	1.6	1.6	1.6
额定排气量 Rated displacement (m³/min)		0.75	1.62	2.1	3.3	3.99	5.9	7.5
后部冷却器出口温度 (℃) Rear cooler outlet temperature(℃)		环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15	环境温度+15 Ambient temperature+15
输气口连接尺寸 Air delivery port connection dimensions		G1/2	G3/4	G3/4	G1	G1	G11/2	DN40
冷却方式 Cooling mode		风冷 Air cooling	风冷 Air cooling	风冷 Air cooling	风冷 Air cooling	风冷 Air cooling	风冷 Air cooling	风冷 Air cooling
传动方式 Transmission mode		一体式 Integrated	一体式 Integrated	一体式 Integrated	一体式 Integrated	一体式 Integrated	一体式 Integrated	一体式 Integrated
主电机 Main motor	功率 Power HP/kW	10/7.5	20/15	30/22	40/30	50/37	75/55	100/75
	转速 rpm	2200 (146Hz)	2600 (173Hz)	3400 (227Hz)	3000 (200Hz)	3600 (240Hz)	2200 (146Hz)	2200 (146Hz)
	启动方式 Starting mode	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting	变频启动 Variable frequency starting
	电压 (V) 频率范围 (Hz) Voltage(V) Frequency range(Hz)	300V/60-146Hz	380/190-327Hz	380V/130-227Hz	380V/66-200Hz	380V/66-240Hz	380V/60-146Hz	380V/60-146Hz
	绝缘等级 Insulation class	F级	F级	F级	F级	F级	F级	F级
吸气状态 Inspiratory state	温度 (℃) Temperature(℃)	≤40	≤40	≤40	≤40	≤40	≤40	≤40
	压力 [Kg/cm² (A)] Stress[Kg/cm²(Al)]	1.033	1.033	1.033	1.033	1.033	1.033	1.033
	相对湿度 (%) Relative humidity (%)	60	60	60	60	60	60	60
风机功率 Wind power	功率 (kW) Power(kw)	0.165	0.25	0.25	0.45	0.45	0.165	0.165
	转速 (50Hz) (rpm) Rotational speed(50Hz)(rpm)	1360	1400	1400	1320	1320	1360	1360
	电压 (V) 频率 (Hz) Voltage(V)frequency(Hz)	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
冷干机 Drying machine	型号 Model number	TR01-JC	TR02-JC	TR03-JC	TR04-JC	TR04-JC		
	功率 (kW) Power(kw)	0.37	0.52	0.52	0.52	0.52		
	额定处理量 (m³/min) Rated capacity (m³/min)	1.2	2.4	3	4	4		
	电压 (V) 频率 (Hz) Voltage(V)frequency(Hz)	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz		
	进气温度≤ Intake temperature≤	65C°	65C°	65C°	65C°	65C°		
运行参数 Running parameter	卸载压力 MPa Loading pressure MPa	1.62	1.58	1.58	1.58	1.58	1.62	1.58
	恢复加载压力 MPa Restoring load pressure MPa	1.45	1.45	1.45	1.45	1.45	1.45	1.45
	安全阀开启压力 MPa Opening pressure of safety valve MPa	1.76	1.76	1.76	1.76	1.76	1.76	1.76
	停机保护温度 (℃) Shutdown protection temperature(℃)	110	110	110	110	110	110	110
	外型尺寸 (L x W x H) (mm) Overall dimension(L×W×H)(mm)	1765×750×1565	1855 X 820 X 1695	1855 X 820 X 1695	1810 X 960 X 1730	1810 X 960 X 1730	1610×1240×1460	1850×1300×1710
机组重量 (kg) Unit weight(kg)		410	410	420	510	570	960	1250

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微油螺杆式真空泵

Micro-oil screw vacuum pump

真空主机、油气分离、高性能电机
Vacuum main engine, oil and gas separation, high-performance motor



平均节能50%变频创新技术

Average energy saving 50% frequency conversion innovation technology

在生产环境中,可随着工艺的变化,时间的变化,真空需求的变化,精确匹配您的运行压力,提供峰值性能。

In the production environment, with changes in the process, changes in time, changes in vacuum requirements, precisely match your operating pressure to provide peak performance.

JSV 系列微油螺杆真空泵,采用最优质的部件制造,尖端的螺杆技术,一体轴联,传动率 100%,大转子低转速设计,噪音低,能耗低。变频驱动和创新电机设计,电机采用高效永磁体,磁场强度大,使用寿命长,为用户提供顺畅稳定的动力及低成本的性能。油分离器油凝聚的效率非常高,超低背压,从而达到更少的能源消耗,有助于延长油分离器的使用寿命。设定点控制系统可允许您根据工艺真空的使用状态,优化您的工艺效率和性能。按照实际所需气量,不会产生任何浪费。

JSV series micro-oil screw vacuum pump, using the best quality components manufacturing, cutting-edge screw technology, one shaft connection, transmission rate 100%, low speed design of large rotor, low noise, low energy consumption. Variable frequency drive and innovative motor design, the motor uses efficient permanent magnet, large magnetic field strength, long service life, to provide users with smooth and stable power and low cost performance. The oil separator has a very high efficiency of oil condensation and ultra-low back pressure, thus achieving less energy consumption and helping to extend the service life of the oil separator. The set point control system allows you to optimize your process efficiency and performance depending on the state of use of the process vacuum. According to the actual required gas volume, no waste will be generated.

智能管控云服务平台

Intelligent management and control cloud service platform

全彩触摸显示器,简单方便的操作系统,PLC可编程控制器,485通讯,工业物联网+,享受轻松愉快的操作体验。

Full color touch display, simple and convenient operating system, PLC programmable controller, 485 communication, Industrial Internet of Things +, enjoy a relaxed and pleasant operating experience.

技术参数 Technical Parameter												
型号 Model	JSV-450	JSV-530	JSV-630	JSV-900	JSV-1100	JSV-1300	JSV-1560	JSV-1900	JSV-2100	JSV-3300	JSV-4100	JSV-5400
功率 Power	kw/hp	5.5/7.5	7.5/10	11/15	15/20	18.5/25	22/30	30/40	37/50	45/60	55/75	75/100
抽速 Speeding	m3/h	450	530	630	900	1100	1300	1560	1900	2100	3300	5400
进气容量 Air intake capacity	m3/min	7.5	8.8	10.5	15.0	18.3	21.7	26.0	31.7	35.0	55.0	90.0
极限真空度 Ultimate Vacuum	Torr/mbar	0.5/0.7										
电压 Voltage	V	380										
频率 Frequency	Hz	50										
冷却方式 Cooling	/	风冷 air										
启动方式 Starting	/	变频 Variable Frequency										
进口尺寸 Import Size	DN	100	100	100	100	100	100	200	200	200	200	200
出口尺寸 Export Size	DN	65	65	100	100	100	100	150	150	150	150	150
重量 Weight	Kg	570	580	600	850	860	900	1280	1300	1350	2000	2300
尺寸 Dimenaion	mm	1000X850X1100		1450X1200X1350			1550X1350X1540			2000X1800X1900		

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活塞式空气压缩机

Piston air compressor

铸铁配件、不锈钢阀片、低油耗

Cast iron fittings, stainless steel valves, low fuel consumption



节能环保 高效耐用

Energy saving, environmental protection, high efficiency and durable

纯铜电机

优质纯铜材质, 上气速度更快, 保证高工作效率。

Pure copper machine

High quality pure copper material, faster gas up speed, to ensure high work efficiency.

强劲动力

稳定可靠的动力系统, 经久耐用。

Strong driving force

Stable and reliable power system, durable.

活塞式空压机详细参数/Piston type air compressor detailed parameters

型号 Model	马达 Motor (KW/HP)	活塞 变位量 Piston displacement (L/min)	排气量 Air displacement (L/min)	排气压力 Exhaust pressure (bar)	气缸 (直径×数量) Cylinders (diameter × number) (mm)	行程 Journey (mm)	空压机转速 Speed of air compressor (rpm)	储气罐容积 Volume of gas storage tank (L)	外形尺寸 Overall dimension (L×W×Hcm)	包装尺寸 Package size (L×W×Hcm)	净重 Net weight (kg)	毛重 Gross weight (kg)
AZ508 0.75.1HP	0.55/0.75	71	50	8	51×1	45	770	25	67×35×67	76×42×67	50	54
AZ808 1HP	0.75/1	110	80	8	65×1	45	740	25	67×35×67	76×42×67	53	57
AV808 1HP	0.75/1	152	80	8	47×2	38	1150	70	103×34×69	115×45×76	66	76
AV1208 1.5HP	1.1/1.5	207	120	8	51×2	46	1100	70	103×36×75	112×45×83	77	92
AV1608 2HP	1.5/2	244	160	8	51×2	46	1300	70	103×36×75	112×45×83	79	94
AV2508 3HP	2.2/3	397	250	8	65×2	46	1300	100	108×41×81	118×51×88	102	121
AW3608 4HP	3/4	588	360	8	65×3	48	1230	100	108×43×84	118×51×88	114	135
AV4008 5.5HP	5.5/7.5	1068	670	8	80×3	60	1180	150	130×52×108	142×64×118	206	230
AW6708 7.5HP	5.5/7.5	1068	670	8	80×3	60	1180	150	130×52×108	142×64×118	206	230
AW9008 10HP	7.5/10	1517	900	8	90×3	75	1060	250	165×51×117	174×67×122	268	306
AW15008 15HP	11/15	2036	1500	8	100×3	80	1080	250	165×63×120	174×77×126	385	414
AW19008 20HP	15/20	2901	1900	8	120×3	90	950	500/300	186×72×145 196×87×149	196×87×149 172×73×140	619/508	684/568
FT55150 5.5HP	4/5.5	823	520	8	80×3	60	910	150	130×52×108	142×64×118	208	235
FT75250 7.5HP	5.5/7.5	1160	670	8	90×3	75	810	250	165×51×117	174×67×122	275	299
FT100250 10HP	7.5/10	1510	1000	8	100×3	80	830	250	165×56×120	174×68×126	361	391
FT150300 15HP	11/15	2382	1500	8	120×3	90	780	300	162×70×132	172×73×140	508	548
FT200800 20HP	15/20	2501	2000	8	133×2/100×1	100	900	800	212×82×166	226×101×170	69	74
FHT55150 5.5HP	4/5.5	525	400	12	80×2 65×1	60	870	150	130×52×108	142×64×118	230	248
FHT75250 7.5HP	5.5/7.5	817	600	12	100×2 80×1	80	650	250	165×51×117	174×67×122	280	312
RHT100250 10HP	7.5/10	1081	800	12	100×2 80×1	80	860	250	165×52×120	174×68×126	377	418
FHT150500 15HP	11/15	1583	1200	12	120×2 100×1	100	700	500	186×72×146	196×87×149	630	665
FHT200800 20HP	15/20	2195	1600	12	133×2 100×1	100	790	800	212×82×166	226×101×170	690	740
AW20012 3HP	2.2/3	300	200	12	65×2 51×1	48	940	100	108×43×85	118×51×88	132	149
AW40012 5.5HP	4/5.5	525	400	12	80×2 65×1	60	870	150	130×52×108	142×64×118	237	259
AW60012 7.5HP	5.5/7.5	736	600	12	80×2 65×1	60	1220	150	130×52×108	142×64×118	280	283
AW80012 10HP	7.5/10	1081	800	12	100×2 80×1	80	860	250	165×56×120	174×68×126	320	342
AW100012 15HP	11/15	1357	1000	12	100×2 80×1	80	1080	250	165×62×120	174×77×126	390	422
AW105010 10HP	7.5/10	1169	1050	10	100×2 80×1	75	80	1050	165×56×120	174×68×126	320	352
AW60025 10HP	7.5/10	830	600	25	90×2 51×1	75	870	250	164×57×117	177×71×120	358	410
AW55030 10HP	7.5/10	811	550	30	90×2 51×1	75	850	250	164×57×117	177×71×120	358	410

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无油机系列/Oil-free machine series

无油涡旋空压机、无油水润滑螺杆压缩机
Oil-free scroll air compressor, oil-free water lubricated screw compressor



真正的全无油空压机 True all oil free air compressor

节能省电/Energy saving

连续压缩，容积效率高，运动机构无摩擦，机械效率高。

Continuous compression, high volumetric efficiency, frictionless moving mechanism, high mechanical efficiency.

极致静音/Extreme silence

多重消音设计，大幅提升使用环境舒适度。

Multiple noise reduction design, greatly improve the comfort of the use environment.

环保洁净/Environmental protection and clean

无需定期排放废油、废液，冷凝水同样不含有任何油份，可以直接排放。

No need to regularly discharge waste oil, waste liquid, condensate water also does not contain any oil, can be directly discharged.

OXW系列无油涡旋空压机

OXW series oil-free scroll air compressor

低振静音 多机协作 环保节能 维护成本低

Low vibration silent, multi-machine cooperation, environmental protection and energy saving, low maintenance cost



机型	OXW-5HA	OXW-5HA/T	OXW-10HA	OXW-15HA	OXW-20HA	OXW-25HA	OXW-30HA	OXW-35HA	OXW-40HA
最高排气压力 Maximum exhaust pressure (MPa)	0.8/1.0								
排气量 Air displacement (m³/min)	0.4/0.36	0.4/0.36	0.8/0.72	1.2/1.08	1.6/1.44	2/1.8	2.4/2.16	2.8/2.52	3.2/2.88
电源 Power source	380V 50Hz								
电机总功率 Total motor power (kw)	3.7	3.7	7.5	11	15	18.5	22	26	30
传动方式 Transmission mode	皮带传动/Belt drive								
控制器类型 Controller type	压力开关 Pressure switch	多行文控制器 Multiline text controller			触摸屏控制器 Touch screen controller				
额定压力调节范围 Rated pressure adjustment range (MPa)	0.65-0.8/0.8-1.0								
储气罐容积 Volume of gas storage tank (L)	内置24L(建议加装外置储气罐) Built-in 24L (external gas storage tank is recommended)		另配外置储气罐/Also equipped with external gas storage tank						
噪音值 Noise level (dB(A))	49±3	49±3	55±3	57±3	59±3	61±3	62±3	定制 Customize	定制 Customize
出气口径 Air outlet pipe diameter (inch)	3/8	3/8	3/4	3/4	1	1 1/2	1 1/2	定制 Customize	定制 Customize
长×宽×高 L×W×H (mm)	700×650×1000	700×650×1000	930×630×1090	1100×980×1440	1100×980×1440	1400×100×1440	1400×100×1440	定制 Customize	定制 Customize
重量 Weight	195	195	300	460	540	750	840	定制 Customize	定制 Customize

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无油水润滑螺杆压缩机/Oil free lubricated screw compressor

• 采用第五代无油螺杆主机技术,压缩机主机及系统采用不锈钢合金,实现了从铜主机到不锈钢主机的技术超越

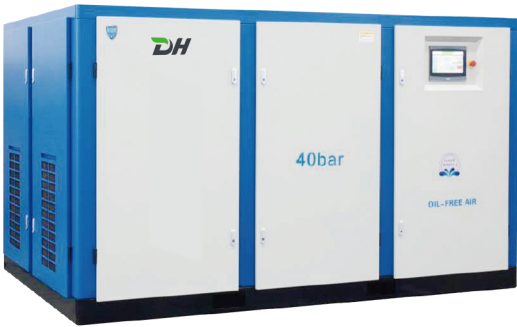
• Adopting the fifth generation oil-free screw host technology, the compressor host and system are made of stainless steelalloy, which realizes the technological surpassing from copper host to stainless steel host.

• 压缩机系统绝对无油,没有任何油污污染风险是压缩空气无油的保证

• The compressor system is absolutely oil-free, and the absence of any risk of oil contamination is a guarantee that the compressed air is oil-free.

• 可实现定期自动换水和自动系统清洗功能压缩机内部更加整洁、卫生

• It can realize regular automatic water change and automatic system cleaning function. The interior of the compressor is cleaner and healthier.



APM系列变频无油螺杆机/APM series variable frequency oil-free screw machine										
型号 Model	最大工作 压力 Maximum working pressure	流量 Flow rate	电机 功率 Motor power	噪音 Noise	冷却水口外径 Cooling outlet outside diameter	冷却水量 Cooling water quantity 进水32℃ Water intake 32℃	润滑水量 Lubricating water quantity	外形尺寸 Overall dimension L×W×H	重量 Weight	空气出口 Air outlet
	Mpa	M3/min	KW/HP	DB		T/H	L	MM	KG	
APM06AW	0.8	0.3-0.78	5.5/7.5	57	3/4"	1.5	10	800×800×1200	320	3/4"
	1.0	0.2-0.65								
APM08AW	0.8	0.35-1.17	7.5/10	57	3/4"	2	10	800×800×1200	320	3/4"
	1.0	0.3-1.05								
APM11AW	0.8	0.54-1.72	11/15	60	1"	2.5	26	1200×755×1130	400	3/4"
	1.0	0.45-1.42								
APM15AW	0.8	0.75-2.43	15/20	60	1"	3.5	26	1200×755×1130	440	3/4"
	1.0	0.65-2.17								
APM18AW	0.8	0.9-3.13	18.5/25	63	1"	4	30	1400×900×1270	640	1"
	1.0	0.9-2.82								
APM22AW	0.8	1.1-3.7	22/30	63	1"	5	30	1400×900×1270	640	1"
	1.0	0.97-3.21								
APM30AW	0.8	1.55-5.2	30/40	66	1¼"	7	40	1400×950×1380 1400×1080×1300(W)	760	1¼"
	1.0	1.255-4.43								
APM37AW	0.8	1.91-6.50	37/50	66	1¼"	9	40	1580×1000×1470 1500×1080×1300(W)	880	1¼"
	1.0	1.60-5.33								
APM45AW	0.8	2.50-8.30	45/60	68	2"	10	90	2050×1360×1688 1800×1360×1670(W)	1050	2"
	1.0	1.91-6.30								
APM55AW	0.8	3.0-10.3	55/75	69	2"	12	100	2050×1360×1688 1800×1360×1670(W)	1100	2"
	1.0	2.60-8.55								
APM75W	0.8	3.95-13.00	75/100	72	2"	18	100	1800×1360×1670	1230	2"
	1.0	3.40-11.50								
APM90W	0.8	5.0-16.60	90/120	73	2"	20	120	2200×1550×1800	2080	2½"
	1.0	4.30-14.66								
APM110W	0.8	6.0-20.2	110/150	75	2"	24	120	2200×1550×1800	2230	2½"
	1.0	5.0-16.66								
APM132W	0.8	6.75-23.52	132/180	75	2"	30	120	2200×1550×1800	2360	2½"
	1.0	6.0-19.97								
APM160W	0.8	8.5-28.11	160/220	77	3"	35	160	2700×1830×1850	3900	DN80
	1.0	7.6-25.45								
APM185W	0.8	10-31.32	185/250	77	3"	38	160	2700×1830×1850	4050	DN80
	1.0	8.72-29.00								
APM200W	0.8	11.2-36.75	200/270	78	4"	42	200	2700×1830×1850	4200	DN100
	1.0	9.68-31.8								
APM220W	0.8	12.2-39.6	220/300	79	4"	47	200	2700×1830×1850	4400	DN100
	1.0	11.2-35.7								
APM250W	0.8	13.5-45.0	250/340	79	4"	53	200	2700×1830×1850	4800	DN100
	1.0	12.3-40.0								

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型号 Model	最大工作压力 Maximum working pressure	流量 Flow rate	电机功率 Motor power	噪音 Noise	冷却水口外径 Cooling outlet outside diameter	冷却水量 Cooling water quantity	润滑水量 Lubricating water quantity	外形尺寸 Overall dimension	重量 Weight	空气出口 Air outlet
	Mpa	M3/min	KW/HP	DB		进水32℃ Water intake 32℃		L×W×H		
						T/H		L		
A系列节能无油螺杆机/A series of energy saving oil-free screw machine										
A06A/W	0.8	0.72	5.5/7.5	57	3/4"	1.5	10	800×800×1200	300	3/4"
	1.0	0.65								
A08A/W	0.8	1.05	7.5/10	57	3/4"	2	10	800×800×1200	300	3/4"
	1.0	0.8								
A11A/W	0.8	1.72	11/15	60	1"	2.5	26	1200×755×1130	420	3/4"
	1.0	1.42								
A15A/W	0.8	2.25	15/20	60	1"	3.5	26	1200×755×1130	420	3/4"
	1.0	1.92								
A18A/W	0.8	3.0	18.5/25	63	1"	4	30	1400×900×1270	600	1"
	1.0	2.2								
A22A/W	0.8	3.65	22/30	63	1"	5	30	1400×900×1270	620	1"
	1.0	3.0								
A30A/W	0.8	5.0	30/40	66	1½"	7	40	1400×950×1380 1500×1080×1300(W)	740	1¼"
	1.0	3.9								
A37A/W	0.8	6.3	37/50	66	1½"	9	40	1580×1000×1475 1500×1080×1505(W)	860	1¼"
	1.0	5.33								
A55A/W	0.8	7.8	45/60	68	1½"	10	30	2050×1360×1688 1800×1360×1670(W)	1020	2"
	1.0	6.30								
A45A/W	0.8	10.1	55/75	69	1½"	12	100	2050×1360×1688 1800×1360×1670(W)	1080	2"
	1.0	7.9								
SL系列节能低压无油螺杆机/SL series energy saving low pressure oil free screw machine										
S30A/WL	0.4	6.7	30/40	66	1½"	7	50	1650×1180×1505(A) 1500×1080×1300(W)	1200	2"
S37A/WL	0.4	8.6	37/50	66	1½"	9	60	1650×1180×1505(A) 1500×1080×1300(W)	1300	2½"
S45A/WL	0.4	10.5	45/60	68	1½"	10	120	1800×1360×1670	1500	2½"
S55A/WL	0.4	13.5	55/75	69	1½"	12	160	1800×1360×1670	1670	2½"
S75A/WL	0.4	19.9	75/100	72	1½"	18	160	1800×1360×1670	1300	3"
S110A/WL	0.4	28.2	110/150	77	2"	24	180	2200×1550×1800	2600	4"
S132A/WL	0.4	30.0	132/180	77	2"	30	180	2200×1550×1800	2800	4"
S160A/WL	0.4	36.0	160/220	79	3"	35	230	3000×1800×2100	4000	5"
S90A/WL	0.4	23.0	90/120	73	1½"	20	180	2200×1550×1800	2550	3"
S185A/WL	0.4	42.0	185/250	79	3"	38	230	3000×1800×2100	4350	5"
SH系列节能中压无油螺杆机/SH series energy saving medium pressure oil-free screw machine										
SH37W	4	3.5	37/50	66	1"	10	80	1800×1360×1710	1200	1"
SH65W	4	6	65/90	70	1½"	18	120	1800×1360×1710	1800	1"
SH110W	4	10	110/150	72	2"	28	160	3000×1560×1680	2260	1½"
SH132W	4	12	132/180	73	2"	35	170	3000×1800×2100	2500	1½"
SH165W	4	15	165/225	75	2½"	40	190	3000×1800×2100	2980	2"
SH220W	4	20	220/300	77	3"	50	200	3000×2100×2200	3200	2"
SH275W	4	25	275/375	78	3"	56	250	3600×2100×2200	4600	2½"
SH480W	4	42	560/625	80	4"	95	360	4200×3600×2200	5800	3"

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RD系列冷冻式干燥机

RD series refrigerated dryer

松下、谷轮压缩机头, 派克热气旁通阀
Panasonic, Copeland Compressor head, Parker hot gas bypass valve



高功率风机电机/High power fan motor

自动排水/Automatic drainage

专利技术, 免维护排水系统, 自动排水系统, 无需人工日常维护。不锈钢网过滤器内部系统, 防堵塞的电动排水。
Patented technology, maintenance free drainage system, automatic drainage system, no manual daily maintenance. Stainless steel mesh filter internal system, anti-clogging electric drainage.

高效、冷却干燥技术/Efficient, cooling and drying technology

所有产品按全天候运作设计, 充分考虑压缩机高气温(80°C高温可以直接输入)合并后置冷却器, 具备高热交换功能, 以保护空气干燥机。
All products are designed for all-weather operation, fully considering the high temperature of the compressor (80 °C high temperature can be directly input) combined with the post-cooler, with high heat exchange function to protect the air dryer.

工作原理及流程/Working principle and process

潮湿空气通过过滤网进入蒸发器, 急速冷冻后, 达到露点温度水份被蒸发器凝结成水滴, 顺流而下至水盆, 经排水管自动排出。瞬间干燥后的冷空气, 经冷凝器加热, 提高温度, 由送风机吹出, 根据设定湿度自动运行, 长期高效率除湿。
The humid air enters the evaporator through the filter, quickly freezes, reaches the dew point temperature and the water is condensed into water droplets by the evaporator, flows downstream to the basin, and is automatically discharged through the drain pipe. The cold air after the instant drying is heated by the condenser, the temperature is raised, and the air is blown out by the blower, which automatically runs according to the set humidity and dehumidifies with high efficiency for a long time.

RD系列风冷式压缩空气干燥机标准技术参数/RD series air-cooled compressed air dryer standard technical parameters																
型号 Model	单位 Unit	RD7.5A	RD10A	RD15A	RD20A	RD30A	RD50A	RD75A	RD100A	RD150A	RD200A	RD250A	RD300A	RD400A	RD500A	RD600A
处理风量 Treated air volume	m³/min	1	1.5	2	3	4	6.8	11	14	18	23	30	35	45	55	65
出口空气露点 Outlet air dew point	°C	压力露点2~10°C/Pressure dew point 2~10°C														
最大使用条件 Maximum service condition		入口空气温度80°C以下 Inlet air temperature below 80°C					环境温度5~40°C Ambient temperature 5~40°C					工作压力0.6~1.0Mpa Working pressure 0.6~1.0Mpa				
冷媒压缩机功率 Refrigerant compressor power	HP	3/5	3/4	3/4	1	1	1½	2½	3	4	5	6	7	8	10	12
制冷量 Refrigerating capacity	KW	1.75	1.75	2.25	2.5	2.5	2.27	5	7.5	10	12.5	/	18	20	31	35
额定工作电流 Rated working current	RLA	3.0	3.0	3.0	3.5	4.2	6	8	10	12	15	/	16	16	25	25
输入功率 Input power	KW	0.5	0.7	0.7	0.8	0.9	1.3	2.2	2.7	3.5	4.2	5.6	4.5	6	9.6	11
出入口管径 Inlet and outlet pipe diameter	BSP	3/5"	1"	1"	1½"	1½"	2"	2½"	2½"	3"	3"	4"	4"	5"	5"	6"
	DN	15	25	25	40	40	50	65	65	80	80	100	100	125	125	150
冷媒填充量 Refrigerant filling amount	KG	0.4	0.5	0.6	0.8	1.0	1.2	1.8	2	2.5	3.0	/	4	4.5	6.5	7
冷媒型号 Refrigerant type	R-	22/407														
使用电源 Use power		220V/1HP/50HP						380V/220/4PH/50HZ								
宽 Wide	MM	705	705	705	705	900	900	1255	1255	1406	1405	1600	1705	1600	2000	1060
高 Height	MM	660	710	810	810	900	950	1015	1115	1195	1245	1000	1345	1700	1800	1900
深 Depth	MM	425	425	425	425	460	550	1575	575	635	635	1900	855	900	950	2000
重量 Weight	KG	35	35	45	45	85	95	158	182	230	280	400	425	520	675	700

RD系列水冷式压缩空气干燥机标准技术参数/RD series water cooled compressed air dryer standard technical parameters													
型号 Model	单位 Unit	RD100W	RD150W	RD200W	RD300W	RD400W	RD500W	RD600W	RD800W	RD1000W	RD1500W	RD2000W	RD3000W
处理风量 Treated air volume	m³/min	15	25	30	35	45	55	65	85	130	180	250	350
出口空气露点 Outlet air dew point	°C	压力露点2~10°C/Pressure dew point 2~10°C											
最大使用条件 Maximum service condition		入口空气温度80°C以下 Inlet air temperature below 80°C				环境温度5~40°C Ambient temperature 5~40°C				工作压力0.6~1.0Mpa Working pressure 0.6~1.0Mpa			
冷媒压缩机功率 Refrigerant compressor power	HP	3	4	5	6	7	10	12	20	25	30	50	90
制冷量 Refrigerating capacity	KW	9	15	16	18	20	31	35	60	74	92	150	280
额定工作电流 Rated working current	RLA	7.8	17.5	18	16	16	25	25	34	42	63	84	125
输入功率 Input power	KW	2.7	4.6	5	5	7	7.5	11	18	22	27	44	81
出入口管径 Inlet and outlet pipe diameter	BSP	2½"	F3"	F4"	F4"	F5"	F5"	F6"	F6"	F8"	F10"	F10"	F12"
	DN	65	80	100	100	125	125	150	150	200	250	250	300
冷媒填充量 Refrigerant filling amount	KG	2.5	3.3	3.8	4	4.6	7	8.5	15	17	20	35	60
冷却水耗量 Cooling water consumption	M³/H	5	7	8	10	12	15	20	30	35	40	70	80
冷媒型号 Refrigerant type	R-	22/407											
使用电源 Use power		180V/220V/4PH/50HZ											
宽 Wide	MM	600	650	680	800	900	950	1050	1300	1600	1600	1600	2000
高 Height	MM	1230	1370	1490	1600	1700	1800	1900	2100	2100	2300	2600	2500
深 Depth	MM	1050	1150	1300	1500	1600	2000	2000	2400	2700	3200	3500	4800
重量 Weight	KG	320	355	415	490	540	713	760	930	1150	1650	3100	3200

无热再生模组吸附式干燥机(M系列) Thermal regeneration Module Adsorption Dryer (M Series)

产品特点及优势 Product features and advantages

压力露点 Pressure dew point	≤-40℃	再生能源 Renewable energy consumption	5%
压力损失 Pressure loss	≤0.015MPa	排放噪声 Emission noise	≤65dB

- ◆ 气缸四阀进气控制系统

◆ 无热再生节能系统

◆ 耗材更换提醒功能(选配)
- ◆ 工业级数字(单片机)控制系统

◆ 温度与压力数字现实(选配)

◆ 压力露点数字显示(选配)
- ◆ Cylinder four valve intake control system

◆ No heat regenerative energy saving system

◆ Consumable replacement reminder function (optional)
- ◆ Industrial-grade digital (single-chip microcomputer) control system

◆ Temperature and Pressure Digital Reality (optional)

◆ Pressure dew point digital display (optional)



0.4-1.0MPr无热M系列机型/0.4-1.0MPr No heat M series models							
型号 Model	接口/port (inch)	工作压力 Working pressure (MPa)	额定处理量 Rated capacity (m ³)	长/Long (mm)	宽/Wide (mm)	高/high (mm)	重量/Weight (kg)
XG008M-A	1"	0.7-0.8	0.8	238	225	850	31
XG015M-A	1"	0.7-0.8	1.5	360	270	830	55
XG028M-A	1"	0.7-0.8	2.5	472	270	830	75
XG040M-A	1"	0.7-0.8	4.0	472	272	1060	96
XG068M-A	1"	0.7-0.8	6.8	669	440	1700	120
XG088M-A	2"	0.7-0.8	8.8	782	440	1700	195
XG108M-A	2"	0.7-0.8	10.8	894	440	1700	260
XG128M-A	2"	0.7-0.8	12.8	1006	440	1700	293
XG148M-A	2"-2½"	0.7-0.8	14.8	1118	440	1700	326
XG168M-A	2"-2½"	0.7-0.8	16.8	1230	440	1700	358
XG188M-A	2"-2½"	0.7-0.8	18.8	1342	440	1700	382
XG208M-A	2"-2½"	0.7-0.8	20.8	1454	440	1700	415
XG248M-A	3"	0.7-0.8	24.8	1006	650	1700	557
XG288M-A	3"	0.7-0.8	28.8	1118	650	1700	613
XG328M-A	3"-4"	0.7-0.8	32.8	1230	650	1700	672
XG368M-A	3"-4"	0.7-0.8	36.8	1342	650	1700	745
XG408M-A	3"-4"	0.7-0.8	40.8	1454	650	1700	796
XG468M-A	4"	0.7-0.8	46.8	1566	650	1700	843
XG489M-A	5"	0.7-0.8	48.9	1230	810	1700	1010
XG549M-A	6"	0.7-0.8	54.9	1342	810	1700	1121
XG609M-A	6"	0.7-0.8	60.9	1454	810	1700	1194
XG810M-A	6"	0.7-0.8	81.0	1454	1080	1700	1510

以上规格为我司标准型号, 如有变更恕不另行通知, 特殊规格接受订货。
The above specifications are our standard models, subject to change without notice, special specifications accept orders.

高压模组吸附式干燥机 /High pressure module adsorption dryer

如：空压机处理量为 20M3/MIN, 模组吸附式干燥机进气温度 40℃℃, 进气压力 0.6MPa, 压力露点要满足 -40℃。
选型计算 :20M3/MIN/(0.97x0.88x1.0)=23.43M3/MIN
因此, 要满足上述压力露点条件下, 干燥机选择≥23.43M°/MIN 处理量, 应选择与之相近的 XG248M/P-A 机型。

For example, the processing capacity of the air compressor is 20M3/MIN, the intake temperature of the module adsorption dryer is 40℃, the intake pressure is 0.6MPa, and the pressure dew point should meet -40℃.
Selection calculation :20M3/MIN/(0.97x0.88x1.0)=23.43M3/MIN
Therefore, in order to meet the above pressure dew point conditions, the dryer selection ≥23.43M°/MIN processing capacity should be selected similar to the XG248M/P-A model.

温度修正系数CT/Temperature correction coefficient CT								
进气速度 Intake velocity	℃	20	25	30	35	40	45	50
	CT	1	1	1	1	0.97	0.88	0.73

压力修正系数CP/Pressure correction factor CP												
进气压力 Intake pressure	MPa	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.6	2.0
	CP	0.75	0.88	1.0	1.0	1.2	1.3	1.4	1.5	1.75	2.0	2.5

露点修正系数CD/Dew point correction factor CD					
压力露点 Pressure dew point	℃	-20	-40	-60	-70
	CD	1.1	1	0.7	0.5

空气含水量对应参照表/The air moisture content corresponds to the reference table									
露点 Dew-point (℃)	含水量 Water content (g/m ³)	露点 Dew-point (℃)	含水量 Water content (g/m ³)	露点 Dew-point (℃)	含水量 Water content (g/m ³)	露点 Dew-point (℃)	含水量 Water content (g/m ³)	露点 Dew-point (℃)	含水量 Water content (g/m ³)
64	153.8	39	48.7	14	12.1	-11	2.19	-36	0.260
63	147.3	38	46.3	13	11.4	-12	2.03	-37	0.236
62	141.2	37	44.0	12	10.7	-13	1.88	-38	0.214
61	135.3	36	41.8	11	10.0	-14	1.74	-39	0.194
60	130.3	35	39.6	10	9.3	-15	1.61	-40	0.176
59	124.7	34	37.6	9	8.8	-16	1.48	-41	0.159
58	119.4	33	35.7	8	8.3	-17	1.37	-42	0.144
57	114.2	32	33.8	7	7.8	-18	1.26	-43	0.130
56	109.2	31	32.1	6	7.3	-19	1.17	-44	0.117
55	104.4	30	30.4	5	6.8	-20	1.07	-45	0.106
54	99.8	29	28.8	4	6.4	-21	0.99	-46	0.095
53	95.4	28	27.2	3	5.9	-22	0.91	-47	0.085
52	91.1	27	25.8	2	5.6	-23	0.84	-48	0.077
51	87.0	26	24.4	1	5.2	-24	0.77	-49	0.059
50	83.1	25	23.1	0	4.8	-25	0.70	-50	0.062
49	79.3	24	21.8	-1	4.5	-26	0.65	-51.1	0.054
48	75.6	23	20.6	-2	4.2	-27	0.59	-53.9	0.040
47	72.3	22	19.4	-3	3.9	-28	0.54	-56.7	0.029
46	68.7	21	18.3	-4	3.7	-29	0.50	-59.4	0.021
45	65.5	20	17.3	-5	3.4	-30	0.45	-62.2	0.014
44	62.4	19	16.3	-6	3.2	-31	0.41	-65.0	0.011
43	59.4	18	15.4	-7	2.9	-32	0.38	-67.8	0.008
42	56.6	17	14.5	-8	2.7	-33	0.34	-70.6	0.005
41	53.8	16	13.6	-9	2.5	-34	0.31	-73.3	0.003
40	51.2	15	12.8	-10	2.4	-35	0.29		

空压系统+净化系统+TQN制氮机+增压系统

Air pressure system + purification system +TQN nitrogen maker + pressurization system



TQN制氮机+TQH碳载纯化装置

TQN nitrogen maker +TQH carbon loaded purification device



TQN变压吸附(PSA)制氮机组

TQN Pressure Swing adsorption (PSA) nitrogen production unit



- 人性化界面设计,具有多画面显示功能,可在线显示氮气纯度、流量、压力、故障信号等参数。
- Humanized interface design, with multi-screen display function, can display online ammonia purity, flow, pressure, fault signal and other parameters.
- 远程监控,远程开、停机功能,自动化程度高,操作简单。
- Remote monitoring, remote opening and stopping function, high degree of automation, simple operation.
- 可实现人机分离、全自动无人操作,并可和用户DCS系统联控。
- It can realize man-machine separation, automatic unmanned operation, and can be controlled jointly with the user's DCS system.

TOC碳载纯化装置/TOC carbon carrier purification unit



- 氮气产量:10-800Nm³/h
- Nitrogen production :10-800Nm³/h
- 氮气纯度:99.999%
- Nitrogen purity :99.999%
- 二氧化碳含量:≤3ppm
- Carbon dioxide content :≤3ppm
- 氮气常压露点:-60°C
- Nitrogen pressure dew point :-60°C
- 压力降:0.1Mpa
- Pressure drop :0.1Mpa
- 氧含量:s5ppm
- Oxygen content :s5ppm

TQH加氢纯化装置/TQH hydropurification unit

TQHA:

- 氮气产量:10-3000Nm³/h
- Nitrogen output :10-3000Nm³/h
- H:含量:800ppm-5%(可调)
- H: Content :800ppm-5%(adjustable)
- Q:含量:≤2ppm
- Q: Content :≤2ppm
- 氮气纯度:99.9995%
- Nitrogen purity :99.9995%
- 压力降:0.1Mpa
- Pressure drop :0.1Mpa
- 氮气常压露点:-60°C
- Nitrogen pressure dew point :-60°C

TQHB:

- 氮气产量:10-3000Nm³/h
- Nitrogen output :10-3000Nm³/h
- H:含量:s3ppm
- H: Content :s3ppm
- Q:含量:≤2ppm
- Q: Content :≤2ppm
- 氮气纯度:99.9995%
- Nitrogen purity :99.9995%
- 压力降:0.1Mpa
- Pressure drop :0.1Mpa
- 氮气常压露点:-60°C
- Nitrogen pressure dew point :-60°C



TQO变压吸附制氧装置/TQO pressure swing adsorption oxygen production device



- 氮气产量:3-200Nm³/h
- Nitrogen production :3-200Nm³/h
- 氨气纯度:90-95%(标准型为93%)
- Ammonia purity :90-95%(standard type: 93%)
- 氨气压力:0.1-0.4Mpa(可调)
- Ammonia pressure :0.1-0.4Mpa(adjustable)
- 氮气常压露点:≤-45°C
- Nitrogen pressure dew point :≤-45°C

工业型二合一双螺杆空压机

Industrial type two with a pair of screw air compressor

Small系列/Small series

可靠 便捷 静音
省电无需安装/接电即用/易维护/压力可调

Reliable, convenient, quiet
Power saving No installation/ready-to-use/easy maintenance/pressure adjustable



工 频 微 型 二 合 一 空 压 机 参 数 表											
Power frequency miniature 2-in-1 air compressor parameter table											
型号Model		Small3A	Small4A	Small5.5A	Small7.5A	Small10A	Small4A3P	Small5.5A3P	Small7.5A3P	Small10A3P	
功率Power	KW/HP	2.2/3.0	3.0/4.0	4.0/5.5	5.5/7.5	7.5/10	3.0/4.0	4.0/5.5	5.5/7.5	7.5/10	
容积流量Flow	m³/min 7Bar	0.28	0.41	0.49	0.90	1.07	0.41	0.49	0.90	1.07	
容积流量Flow	m³/min 10Bar	0.27	0.38	0.46	0.88	1.02	0.38	0.46	0.88	1.02	
排气压力Pressure Bar	Bar	7-10									
额定电机转速Motor Speed	rpm	2960									
电压Voltage	V	220/1Ph					380/3Ph				
频率Frequency	Hz	50/60									
冷却方式Cooling		风 冷 / Air									
启动方式Starting		接触器启动 direct starting									
出口尺寸Export Size	DN	16									
重量Weight	Kg	102	108	120	125	127	110	122	127	130	
外型尺寸Dimension	mm	900*450*880			1000*500*1050			900*450*880		1000*500*1050	

永磁微型二合一空压机参数表 Permanent magnet miniature 2-in-1 air compressor parameter table										
型号Model		Small4HPM	Small5.5HPM	Small7.5HPM	Small10HPM	Small4HPM 3P	Small5.5HPM 3P	Small7.5HPM 3P	Small10HPM 3P	
功率 Power	KW/HP	3.0/4.0	4.0/5.5	5.5/7.5	7.5/10	3.0/4.0	4.0/5.5	5.5/7.5	7.5/10	
容积流量 Flow	m³/min 7Bar	0.56	0.63	1.07	1.31	0.56	0.63	1.07	1.31	
容积流量 Flow	m³/min 10Bar	0.49	0.50	0.92	1.02	0.49	0.50	0.92	1.02	
排气压力 Pressure Bar	Bar	7-10								
额定电机转速 Motor Speed	rpm	1500~3600								
电压 Voltage	V	220/1Ph				380/3Ph				
频率 Frequency	Hz	50/60								
冷却方式 Cooling		风冷/Air								
启动方式 Starting		变频启动/VSD								
出口尺寸 Export Size	DN	16								
重量 Weight	Kg	110	125	128	130	110	125	128	130	
外型尺寸 Dimension	mm	900*450*880		1000*500*1050		900*450*880		1000*500*1050		

本公司产品不断改进,保留产品参数更新的权利,恕不另行通知。
The company's products are constantly improving, and reserves the right to update product parameters without prior notice.

螺杆保养三滤耗材/Screw maintenance three filter supplies



空滤芯/Air filter element

专用高效过滤器,滤除空气中的微小尘粒。保证压缩整个内部系统清洁,保护主机的转子,轴承免磨损,延长润滑油寿命。
A specialized high-efficiency filter, removes fine dust particles from the air. It ensures the entire internal system of the compressor remains clean, protecting the rotors and bearings of the main unit from wear and extending the lifespan of the lubricating oil.

油滤芯Oil filter element

空压机中最重要的部位,是一种易损件。过滤器能及时的清除机油中的杂质,确保机器正常运行。
(Oil Filter)The oil filter is one of the most critical components of an air compressor and is considered a consumable part. The filter effectively removes impurities from the oil, ensuring the machine operates smoothly and reliably.



螺杆式压缩机专用油 Special Oil for Screw Air Compressors

1. 延长设备使用寿命
 2. 出色的耐高温性能
 3. 优越的氧化稳定性
 4. 具有抗磨损性、防腐蚀的保护作用
- 1.Extends the lifespan of the equipment
 - 2.Excellent high-temperature performance
 - 3.Superior oxidation stability
 - 4.Provides wear resistance and corrosion protection



油分芯/Oil Separator

使用多层细密的玻璃纤维制成压缩空气中所含的雾状油气混合气体经过分离器后几乎可被全部滤去。
Made with multiple layers of fine glass fibers, it effectively separates and removes almost all mist-like oil and gas mixtures from the compressed air after passing through the separator.

空压机配件/Air compressor accessories



ODE电磁阀
ODE solenoid valve



ODE二位三通电磁阀
ODE two-position three-way solenoid valve



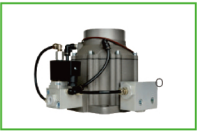
富达温控阀保养包
Fidelity temperature control valve maintenance kit



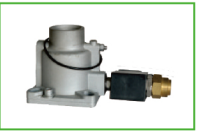
阀芯
Valve core



红星40进气阀
HongXing 40 intake valve



红星85B进气阀
HongXing 85B intake valve



VNC RH25进气阀
VNC RH25 air intake valve



VMC RH38进气阀
VMC RH38 intake valve



调压阀
Pressure regulating valve



最小压力阀
Minimum pressure valve



IR压力传感器
IR pressure sensor



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