



卓颖机械(上海)有限公司
JOY MACHINERY (SHANGHAI) CO.,LTD.

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JOY MACHINERY (SHANGHAI) CO.,LTD.

卓颖机械
产品样册

PRODUCTS
CATALOGUE

服务热线

021-60832839/13621925718

Website: www.shairbuild.com

Email: info@shairbuild.com

卓颖机械(上海)有限公司
JOY MACHINERY (SHANGHAI) CO.,LTD.

地址: 上海市浦东新区川沙路1098号

ADD: No.1098, Chuansha Road, Pudong New District, Shanghai, China.

邮编 (P.C.): 201499

网址Website: www.sh-joymachinery.com www.shairbuild.com

邮箱E-mail: info@shairbuild.com

电话Tel: 0086 21 60832839



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公司简介 COMPANY PROFILE

卓颖机械（上海）有限公司是一家专注于气体压缩机械的专业化企业，立足上海，着眼全球。多年以来，一直致力于为广大用户提供高品质的产品为己任，让全球用户享受卓颖产品带来的不一样的美好体验。

卓颖机械生产管理严格遵循 ISO9001 国际质量体系，拥有国际先进的双级压缩、永磁同步驱动技术，且不断投入研发。我们的产品相较于普通空压机平均节能 30%左右，且噪音低、运行稳定可靠。

卓颖机械依托强大的研发及生产能力，产品系列全：螺杆空压机、永磁变频空压机、低压空压机、中高压空压机、双级压缩空压机、无油空压机、移动空压机、后处理设备：储气罐、冷冻式干燥机、吸附式干燥机及精密过滤器等。

卓颖机械专注于为客户提供性能好、经济使用、低碳环保的高新技术产品，产品广泛应用于国防、科研、建筑、冶金、煤炭、石油、电力、纺织、半导体、食品和医疗、饮料等行业。公司本着“客户的满意就是我们矢志不渝的追求”的企业理念，在产品研发上始终坚持创新、节能、环保的设计原则，产品出口亚洲、非洲、欧美等全球 50 多个国家和地区，获得广泛好评。

“卓而不凡，高效新颖”——卓颖机械（上海）有限公司以实际行动践行者我们的诺言。欢迎各界惠顾，洽谈合作，让我们共同携手，共创美好未来！

JOY Machinery (Shanghai) Co., Ltd. is a professional enterprise focusing on air compressors, based in Shanghai and focusing on the world. For many years, we have been committed to providing high-quality products for our users, so that global users can enjoy the different and beautiful experience on our products.

JOY Machinery strictly abides by the ISO9001 international quality system in production management, it has internationally advanced two-stage compression and permanent magnet synchronous drive technologies, and has been continuously investing in research and development. Compared with ordinary air compressors, our products can save energy up to 30% on average with low noise and stable and reliable operation.

JOY Machinery, relying on its strong R&D and production capacity, has full ranges of products: screw air compressors, permanent magnet variable frequency air compressors, low pressure air compressors, medium and high pressure air compressors, double stage compression air compressors, oil-free air compressors, portable air compressors, post-processing equipment: air receivers, refrigerated air dryers, adsorption dryers, precision filters, etc.

JOY Machinery focuses on providing customers with high-tech products with good performance, economic use, low carbon and environmental protection. The products are widely used in national defense, scientific research, construction, metallurgy, coal, oil, power, textile, semiconductor, food and pharmaceuticals, beverage and other industries. Based on the enterprise concept of "customer satisfaction is our unswerving pursuit", the company always adheres to the design principles of innovation, energy conservation and environmental protection in product research and development. Our products are exported to more than 50 countries and regions in Asia, Africa, Europe and America, and have been widely praised.

"Outstanding, efficient and novel" - JOY Machinery (Shanghai) Co., Ltd. fulfills our promise with practical actions. Welcome all circles to patronize, negotiate and cooperate with us, let us work together to create a better future!



固定式螺杆空压机 Stationary Screw Air Compressor

螺杆空压机结构图 Screw air compressor structure



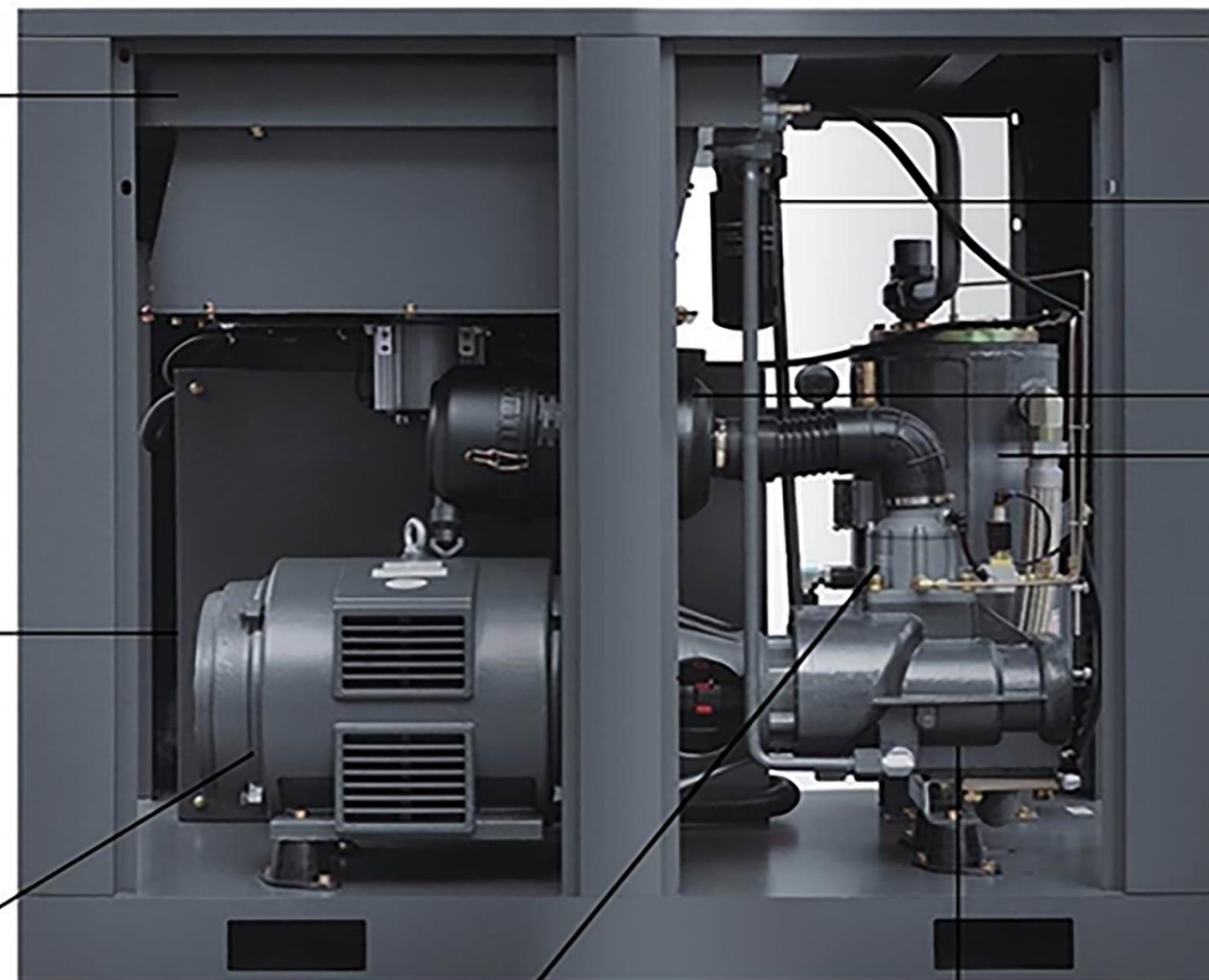
方便操作的控制系统
Easy-to-operate control system



施耐德电器元件
Schneider electric components



电机F级绝缘, SKF重载轴承
能效比同类产品高3-5%
Class F insulated motor, SKF heavy-duty bearing
Energy efficiency is 3-5% higher than similar product



0-100%自动调节进气阀
0-100% automatic adjustment
of air intake valve



优质、高效主机
High quality, high efficient air end



机滤
Oil filter



空滤
Air filter



油分芯
Oil/air separator

工频螺杆空压机(7.5-400KW)
Fixed Frequency Screw Air Compressor (7.5-400KW)



产品特点 Product Feature

- 电机功率 Motor power: 7.5-400KW
- 排气量 Air delivery: 0.80 -71.2 m³/min
- 排气压力 Pressure: 0.70-1.20 Mpa

规格参数表
Technical Parameters



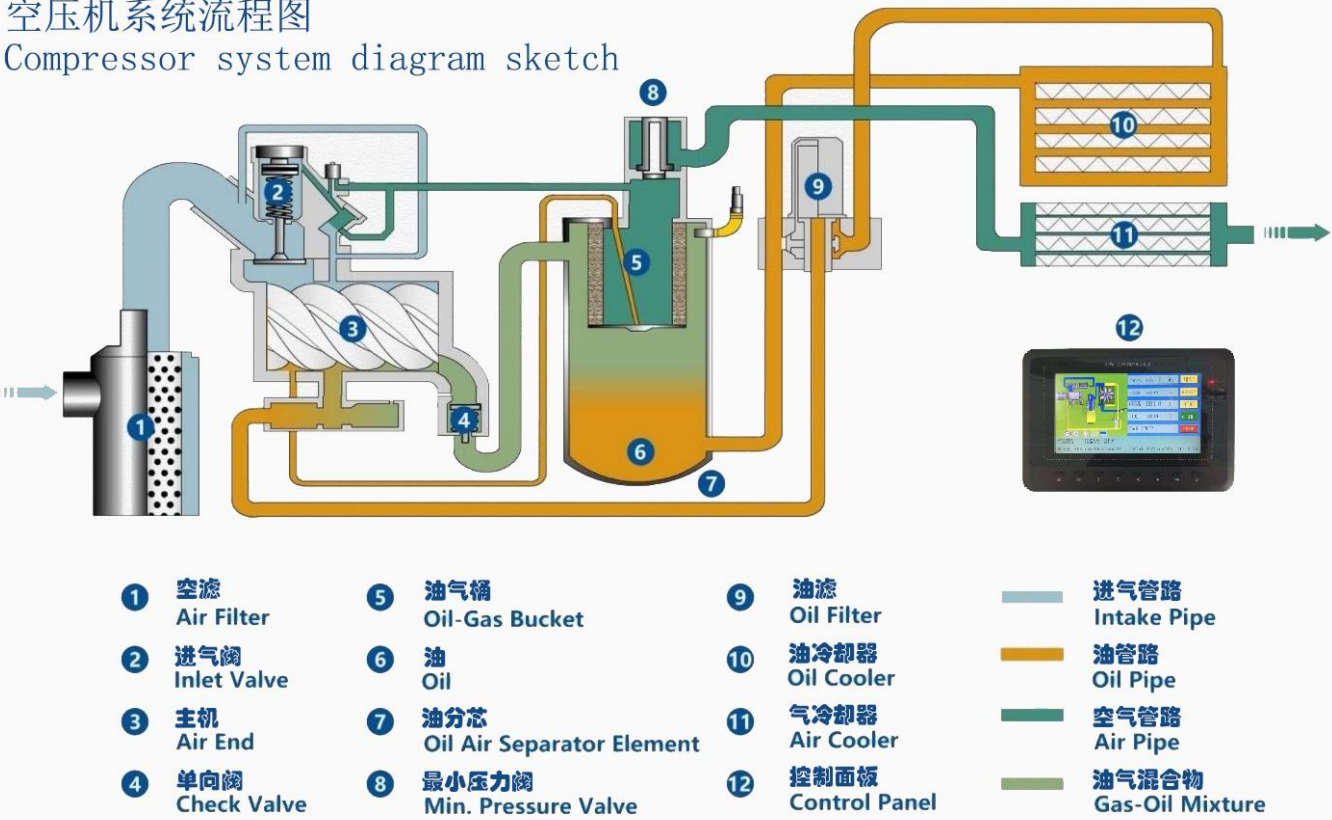
卓颖机械（上海）有限公司
JOY MACHIERY (SHANGHAI) CO.,LTD.

型号Model		JM-7.5A	JM-11A	JM-15A	JM-18.5A	JM-22A	JM-30A	JM-37A/W	JM-45A/W	JM-55A/W	JM-75A/W
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		1.20/0.7	2.20/0.7	2.60/0.7	3.20/0.7	3.90/0.7	5.30/0.7	6.80/0.7	7.40/0.7	10.50/0.7	13.40/0.7
		1.10/0.8	2.00/0.8	2.50/0.8	3.00/0.8	3.60/0.8	5.00/0.8	6.50/0.8	7.00/0.8	10.00/0.8	12.90/0.8
		0.90/1.0	1.60/1.0	2.10/1.0	2.70/1.0	3.10/1.0	4.50/1.0	5.60/1.0	6.20/1.0	8.40/1.0	10.80/1.0
		0.80/1.2	1.00/1.6	1.40/1.6	2.40/1.2	2.30/1.6	4.00/1.2	5.00/1.2	5.60/1.2	7.60/1.2	10.00/1.2
电动机 Motor	功率Power(KW)	7.5	11	15	18.5	22	30	37	45	55	75
	马力Power(HP)	10	15	20	25	30	40	50	60	75	100
	电压V/频率H	380V/3Ph/50Hz,特殊电压可定制, Special voltage can be customized									
	启动方式Start	Y-Δ启动 Y-Δ Start									
噪音 Noise DB (A)		66±2	68±2	68±2	68±2	68±2	70±2	70±2	72±2	72±2	72±2
使用环境温度(℃) Ambient Temp		-5℃ ~ +45℃									
排气温度 (℃) Discharge Air Temp		风冷<环境温度+8℃ ,水冷<+40℃ Air cooled<ambient temperature+8℃,Water cooled<+40℃									
外形尺寸 Size	长Length(mm)	780	910	910	1000	1000	1250	1250	1250	1750	1750
	宽Weight(mm)	575	660	660	877	877	900	900	900	1237	1237
	高Height(mm)	945	1050	1050	1120	1120	1300	1300	1300	1660	1660
出口管径Outlet (Inch)		G3/4	G1	G1	G1	G1	G1	G1 1/2	G1 1/2	G2	G2
机组重量Weight(KG)		240	300	330	350	370	480	505	850	1550	1680

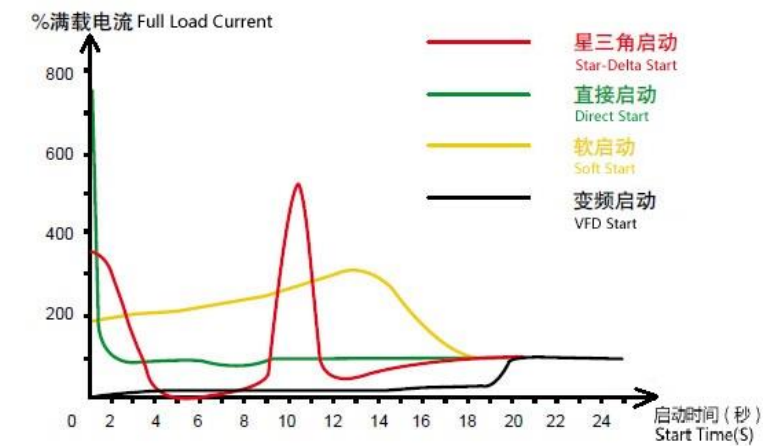
型号Model		JM-90A/W	JM-110A/W	JM-132A/W	JM-160A/W	JM-185A/W	JM-220A/W	JM-250A/W	JM-315W	JM-355W	JM-400W
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		16.50/0.7	21.70/0.7	23.50/0.7	30.70/0.7	31.50/0.7	37.50/0.7	41.90/0.7	51.00/0.7	64.00/0.7	71.20/0.7
		15.70/0.8	20.00/0.8	22.30/0.8	28.80/0.8	30.70/0.8	35.50/0.8	40.90/0.8	50.20/0.8	61.00/0.8	68.10/0.8
		12.70/1.0	15.70/1.0	20.20/1.0	24.80/1.0	29.00/1.0	30.90/1.0	35.60/1.0	44.50/1.0	56.50/1.0	62.80/1.0
		12.30/1.2	14.80/1.2	17.40/1.2	21.50/1.2	24.80/1.2	27.70/1.2	34.50/1.2	39.50/1.2	49.00/1.2	52.20/1.2
电动机 Motor	功率Power(KW)	90	110	132	160	185	220	250	315	355	400
	马力Power(HP)	120	150	175	220	250	300	350	420	480	540
	电压V/频率H	380V/3Ph/50Hz,特殊电压可定制, Special voltage can be customized									
	启动方式Start	Y-Δ启动 Y-Δ Start									
噪音Noise DB (A)		72±2	72±2	75±2	75±2	78±2	78±2	80±2	80±2	84±2	84±2
使用环境温度(℃) Ambient Temp		-5℃ ~ +45℃									
排气温度 (℃) Discharged Air Temp		风冷<环境温度+8℃ ,水冷<+40℃ Air cooled<ambient temperature+8℃,Water cooled<+40℃									
外形尺寸 Size	长Length(mm)	2000	2000	2900	2900	3200	3200	3200	3150	3150	3150
	宽Weight(mm)	1540	1540	1625	1625	1880	1880	1880	1980	1980	1980
	高Height(mm)	1800	1800	1800	1800	1890	1890	1890	2150	2150	2150
出口管径Outlet (Inch)		G2	G2	DN65	DN65	DN80	DN80	DN80	DN85	DN100	DN100
机组重量Weight(KG)		2300	2400	3000	3300	3600	3900	4200	6000	6500	7200

A 代表风冷 A represents air compressor is cooled by air. W 代表水冷 W represents air compressor is cooled by water.

空压机系统流程图
Compressor system diagram sketch

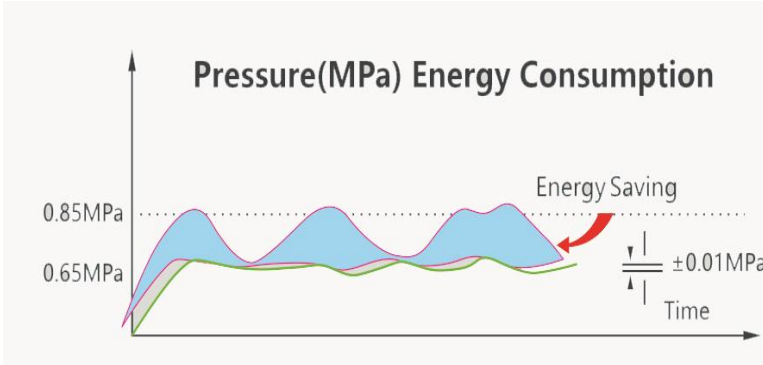


变频螺杆空压机 Inverted screw air compressor

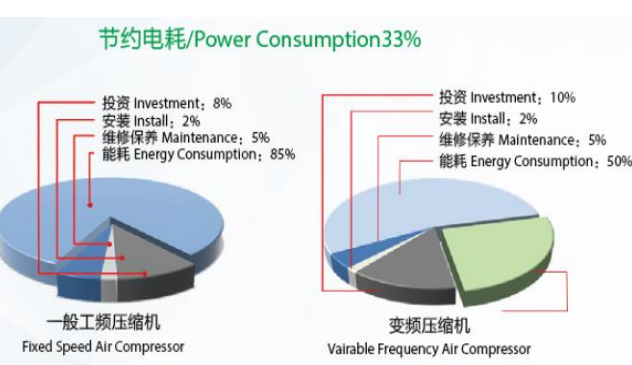


图中显示的是几种启动方式比较，可以看出变频机是缓慢地加速启动，启动更加平稳，完全避免了电流峰值。
Diagram is shown in comparison with several methods of star, you can find frequency converted air compressor is slowly accelerated, which can start more smoothly, completely avoid the peak current.

恒压省电 Constant pressure, energy-saving



成本比较 Cost Comparison



永磁变频螺杆空压机 (7.5-400KW)
Permanent Magnet (PM) Screw Air Compressor (7.5-400KW)



产品特点 Product Feature

- 电机功率 Motor power: 7.5-160KW
- 排气量 Air delivery: 0.70 -28.70 m³/min
- 排气压力 Pressure: 0.70-1.30 Mpa

规格参数表 Technical Parameters									卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.		
型号Model		JM-7.5APM	JM-11APM	JM-15APM	JM-18.5APM	JM-22APM	JM-30APM	JM-37APM	JM-45APM	JM-55APM	JM-75APM
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		1.20/0.7	2.20/0.7	2.60/0.7	3.20/0.7	3.90/0.7	5.30/0.7	6.80/0.7	7.40/0.7	10.50/0.7	13.40/0.7
		1.10/0.8	2.00/0.8	2.50/0.8	3.00/0.8	3.60/0.8	5.00/0.8	6.50/0.8	7.00/0.8	10.00/0.8	12.90/0.8
		0.90/1.0	1.60/1.0	2.10/1.0	2.70/1.0	3.10/1.0	4.50/1.0	5.60/1.0	6.20/1.0	8.40/1.0	10.80/1.0
		0.80/1.2	1.00/1.6	1.40/1.6	2.40/1.2	2.30/1.6	4.00/1.2	5.00/1.2	5.60/1.2	7.60/1.2	10.00/1.2
电动机 Motor	功率Power(KW)	7.5	11	15	18.5	22	30	37	45	55	75
	马力Power(HP)	10	15	20	25	30	40	50	60	75	100
	电压V/频率H	380V/3Ph/50Hz,特殊电压可定制, Special voltage can be customized									
	启动方式Start	Y-Δ启动 Y-Δ Start									
噪音 Noise DB (A)		66±2	68±2	68±2	68±2	68±2	70±2	70±2	72±2	72±2	72±2
使用环境温度(℃) Ambient Temp		-5℃ ~ +45℃									
排气温度 (℃) Discharge Air Temp		风冷<环境温度+8℃ ,水冷<+40℃ Air cooled<ambient temperature+8℃,Water cooled<+40℃									
外形尺寸 Size	长Length(mm)	780	910	910	1000	1000	1250	1250	1250	1750	1750
	宽Weight(mm)	575	660	660	877	877	900	900	900	1237	1237
	高Height(mm)	945	1050	1050	1120	1120	1300	1300	1300	1660	1660
出口管径Outlet (Inch)		G3/4	G1	G1	G1	G1	G1	G1 1/2	G1 1/2	G2	G2
机组重量Weight(KG)		240	300	330	350	370	480	505	850	1550	1680

型号Model		JM-90APM	JM-110APM	JM-132APM	JM-160APM	JM-185APM	JM-220APM	JM-250APM	JM-315APM	JM-355APM	JM-400APM
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		16.50/0.7	21.70/0.7	23.50/0.7	30.70/0.7	31.50/0.7	37.50/0.7	41.90/0.7	51.00/0.7	64.00/0.7	71.20/0.7
		15.70/0.8	20.00/0.8	22.30/0.8	28.80/0.8	30.70/0.8	35.50/0.8	40.90/0.8	50.20/0.8	61.00/0.8	68.10/0.8
		12.70/1.0	15.70/1.0	20.20/1.0	24.80/1.0	29.00/1.0	30.90/1.0	35.60/1.0	44.50/1.0	56.50/1.0	62.80/1.0
		12.30/1.2	14.80/1.2	17.40/1.2	21.50/1.2	24.80/1.2	27.70/1.2	34.50/1.2	39.50/1.2	49.00/1.2	52.20/1.2
电动机 Motor	功率Power(KW)	90	110	132	160	185	220	250	315	355	400
	马力Power(HP)	120	150	175	220	250	300	350	420	480	540
	电压V/频率H	380V/3Ph/50Hz,特殊电压可定制, Special voltage can be customized									
	启动方式Start	Y-Δ启动 Y-Δ Start									
噪音Noise DB (A)		72±2	72±2	75±2	75±2	78±2	78±2	80±2	80±2	84±2	84±2
使用环境温度(℃) Ambient Temp		-5℃ ~ +45℃									
排气温度 (℃) Discharged Air Temp		风冷<环境温度+8℃ ,水冷<+40℃ Air cooled<ambient temperature+8℃,Water cooled<+40℃									
外形尺寸 Size	长Length(mm)	2000	2000	2900	2900	3200	3200	3200	3150	3150	3150
	宽Weight(mm)	1540	1540	1625	1625	1880	1880	1880	1980	1980	1980
	高Height(mm)	1800	1800	1800	1800	1890	1890	1890	2150	2150	2150
出口管径Outlet (Inch)		G2	G2	DN65	DN65	DN80	DN80	DN80	DN85	DN100	DN100
机组重量Weight(KG)		2300	2400	3000	3300	3600	3900	4200	6000	6500	7200

双级工频螺杆空压机 (15-315KW)
Double Stage Fixed Frequency Screw Air Compressor (15-315KW)



产品特点 Product Feature

- 电机功率 Motor power: 15-315KW
- 排气量 Air delivery: 2.20 -62.40m³/min
- 排气压力 Pressure: 0.70-1.30 Mpa

规格参数表

Technical Parameters









卓颖机械(上海)有限公司

JOY MACHIERY (SHANGHAI) CO.,LTD.

型号Model		JM-15A II	JM-18.5A II	JM-22A II	JM-30A II	JM-37A II	JM-45A II	JM-55A II	JM-75A II
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		3.00/0.7	3.60/0.7	4.20/0.7	6.50/0.7	8.00/0.7	10.90/0.7	12.80/0.7	17.10/0.7
		2.90/0.8	3.50/0.8	4.10/0.8	6.40/0.8	7.50/0.8	10.30/0.8	12.20/0.8	16.10/0.8
		2.40/1.0	2.90/1.0	3.50/1.0	4.90/1.0	6.80/1.0	9.60/1.0	11.00/1.0	13.90/1.0
		2.20/1.3	2.50/1.3	3.20/1.3	4.20/1.3	5.40/1.3	6.50/1.3	8.60/1.3	11.20/1.3
电动机 Motor	功率 (KW)	15	18.5	22	30	45	55	55	75
	马力 (HP)	20	25	30	40	60	75	75	100
	电压V/频率Hz	380V/3Ph/50Hz,特殊电压可定制,Special voltage can be customized							
	启动方式Start	Y-Δ启动 Y-Δ Start							
噪音Noise DB (A)		68±2					72±2		
使用环境温度(℃) Working Temp		-5℃ ~ +45℃							
排气温度 (℃) Discharge Air Temp		风冷<环境温度+8℃ ,水冷<+40℃				Air cooled<ambient temperature+8℃,Water cooled<+40℃			
外形尺寸 Size	长Length(mm)	1500	1500	1500	1900	1750	1750	2000	2000
	宽Weight(mm)	1000	1000	1000	1250	1240	1240	1540	1540
	高Height(mm)	1330	1330	1330	1570	1660	1660	1800	1800
出口管径Outlet (Inch)		G1 1/2"	G1 1/2"	G1 1/2"	G2"	G2"	G2"	G2"	G2"
机组重量Weight(KG)		1100	1100	1100	1900	1550	1750	1850	2100

型号Model		JM-90A II	JM-110A II	JM-132A II	JM-160A II	JM-185A II	JM-200A II	JM-220A II	JM-250A II	JM-315A II
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		20.60/0.7	24.30/0.7	29.40/0.7	34.90/0.7	41.50/0.7	44.30/0.7	49.50/0.7	58.80/0.7	62.40/0.7
		19.90/0.8	23.60/0.8	27.50/0.8	33.40/0.8	39.40/0.8	42.50/0.8	47.10/0.8	55.80/0.8	60.00/0.8
		17.60/1.0	21.20/1.0	23.00/1.0	30.50/1.0	33.60/1.0	39.70/1.0	42.70/1.0	47.30/1.0	58.00/1.0
		14.30/1.3	17.60/1.3	19.80/1.3	23.80/1.3	28.60/1.3	32.80/1.3	38.00/1.3	40.00/1.3	50.00/1.3
电动机 Motor	功率 (KW)	90	110	132	160	185	200	220	250	315
	马力 (HP)	120	150	175	215	250	270	300	350	420
	电压V/频率Hz	380V/3Ph/50Hz,特殊电压可定制,Special voltage can be customized								
	启动方式Start	Y-Δ启动 Y-Δ Start								
噪音Noise DB (A)		72±2			75±2			84±2	84±2	
使用环境温度(℃) Working Temp		-5℃ ~ +45℃								
排气温度 (℃) Discharge Air Temp		风冷<环境温度+8℃ ,水冷<+40℃ Air cooled<ambient temperature+8℃,Water cooled<+40℃								
外形尺寸 Size	长Length(mm)	2900	2900	3200	3200	3500	3500	3800	3800	4000
	宽Weight(mm)	1625	1625	1880	1900	2280	2280	2315	2315	2280
	高Height(mm)	1800	1800	1890	1890	2250	2250	2250	2250	2400
出口管径Outlet (Inch)		DN65	DN65	DN80	DN80	DN100	DN100	DN125	DN125	DN125
机组重量Weight(KG)		2400	3300	3600	4100	5400	5500	6200	6900	7350



双级永磁压缩螺杆空压机 (15-315KW)

Double Stage Permanent Magnet (PM) Screw Air Compressor (15-315KW)



产品特点 Product Feature

- 电机功率 Motor power: 15-315KW
- 排气量 Air delivery: 2.1 -59.5 m³/min
- 排气压力 Pressure: 0.70-1.30 Mpa

规格参数表 Technical Parameters									卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.
型号Model		JM-15APMII	JM-18.5APMII	JM-22APMII	JM-30APMII	JM-37APMII	JM-45APMII	JM-55APMII	JM-75APMII
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		3.00/0.7	3.60/0.7	4.20/0.7	6.50/0.7	8.00/0.7	10.90/0.7	12.80/0.7	17.10/0.7
		2.90/0.8	3.50/0.8	4.10/0.8	6.40/0.8	7.50/0.8	10.30/0.8	12.20/0.8	16.10/0.8
		2.40/1.0	2.90/1.0	3.50/1.0	4.90/1.0	6.80/1.0	9.60/1.0	11.00/1.0	13.90/1.0
		2.20/1.3	2.50/1.3	3.20/1.3	4.20/1.3	5.40/1.3	6.50/1.3	8.60/1.3	11.20/1.3
电动机 Motor	功率 (KW)	15	18.5	22	30	45	55	55	75
	马力 (HP)	20	25	30	40	60	75	75	100
	电压V/频率Hz	380V/3Ph/50Hz,特殊电压可定制,Special voltage can be customized							
	启动方式Start	Y-△启动 Y-△ Start							
噪音Noise DB (A)		68±2					72±2		
使用环境温度(℃) Working Temp		-5℃ ~ +45℃							
排气温度 (℃) Discharge Air Temp		风冷<环境温度+8℃ ,水冷<+40℃				Air cooled<ambient temperature+8℃ ,Water cooled<+40℃			
外形尺寸 Size	长Length(mm)	1500	1500	1500	1900	1750	1750	2000	2000
	宽Weight(mm)	1000	1000	1000	1250	1240	1240	1540	1540
	高Height(mm)	1330	1330	1330	1570	1660	1660	1800	1800
出口管径Outlet (Inch)		G1 1/2"	G1 1/2"	G1 1/2"	G2"	G2"	G2"	G2"	G2"
机组重量Weight(KG)		1100	1100	1100	1900	1550	1750	1850	2100

型号Model		JM-90APMII	JM-110APMII	JM-132APMII	JM-160APMII	JM-185APMII	JM-200APMII	JM-220APMII	JM-250APMII	JM-315APMII
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		20.60/0.7	24.30/0.7	29.40/0.7	34.90/0.7	41.50/0.7	44.30/0.7	49.50/0.7	58.80/0.7	62.40/0.7
		19.90/0.8	23.60/0.8	27.50/0.8	33.40/0.8	39.40/0.8	42.50/0.8	47.10/0.8	55.80/0.8	60.00/0.8
		17.60/1.0	21.20/1.0	23.00/1.0	30.50/1.0	33.60/1.0	39.70/1.0	42.70/1.0	47.30/1.0	58.00/1.0
		14.30/1.3	17.60/1.3	19.80/1.3	23.80/1.3	28.60/1.3	32.80/1.3	38.00/1.3	40.00/1.3	50.00/1.3
电动机 Motor	功率 (KW)	90	110	132	160	185	200	220	250	315
	马力 (HP)	120	150	175	215	250	270	300	350	420
	电压V/频率Hz	380V/3Ph/50Hz,特殊电压可定制,Special voltage can be customized								
	启动方式Start	Y-Δ启动 Y-Δ Start								
噪音Noise DB (A)		72±2			75±2			84±2	84±2	
使用环境温度(℃) Working Temp		-5℃ ~ +45℃								
排气温度 (℃) Discharge Air Temp		风冷<环境温度+8℃ ,水冷<+40℃ Air cooled<ambient temperature+8℃ ,Water cooled<+40℃								
外形尺寸 Size	长Length(mm)	2900	2900	3200	3200	3500	3500	3800	3800	4000
	宽Weight(mm)	1625	1625	1880	1900	2280	2280	2315	2315	2280
	高Height(mm)	1800	1800	1890	1890	2250	2250	2250	2250	2400
出口管径Outlet (Inch)		DN65	DN65	DN80	DN80	DN100	DN100	DN125	DN125	DN125
机组重量Weight(KG)		2400	3300	3600	4100	5400	5500	6200	6900	7350

双级低压螺杆空压机 (55-250KW)

Double Stage Low Pressure Screw Air Compressor (55-250KW)



产品特点 Product Feature

- 电机功率 Motor Power :55-250 KW
- 排气量 Discharge delivery: 15.90-62.20 m³/min
- 排气压力 Discharge Pressure: 0.5 Mpa

规格参数表 Technical Parameters									卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.		
型号Model		JM-55AL	JM-75AL	JM-90AL	JM-110AL	JM-132AL	JM-160AL	JM-185AL	JM-200AL	JM-220AL	JM-250AL
排气量Capacity 排气压力Pressure (m3/min/Mpa)		15.90/0.5	19.30/0.5	21.80/0.5	26.70/0.5	34.00/0.5	36.60/0.5	41.30/0.5	46.00/0.5	55.40/0.5	62.20/0.5
电动机 Motor	功率(KW)	55	75	90	110	132	160	185	200	220	250
	功率(HP)	75	100	120	150	175	220	250	280	300	350
	电压V频率H	380V/3Ph/50Hz, 特殊电压可定制, Special voltage can be customized									
噪音DB(A) Noise		75±2	75±2	75±2	80±2	80±2	80±2	82±2	82±2	82±2	82±2
出口管径 Outlet(Inch)		G2"	G2"	DN65	DN65	DN80	DN80	DN100	DN100	DN100	DN100
使用环境温度(℃) Working Temp(℃)		使用环境温度 -5~+45℃, Ambient working temperature -5~+45℃									
排气温度(℃) Discharge Temp(℃)		风冷<环境温度+8℃ , 水冷<+40℃					Air cooled<ambient temperature+8℃, Water cooled<+40℃				
外形尺寸 Size	长Length(mm)	2000	2000	2900	2900	3200	3500	3800	3800	4000	4000
	宽Width(mm)	1540	1540	1625	1625	1880	2280	2315	2315	2315	2315
	高Height(mm)	1800	1800	1800	1800	1890	2250	2250	2250	2400	2400
重量Weight(KG)		1850	2100	2400	3300	3600	4100	5200	5500	5600	7350

中压螺杆空压机 (15-250KW)

Medium Pressure Screw Air Compressor (15-250KW)



产品特点 Product Feature

- 电机功率 Motor power: 15-250KW
- 排气量 Air delivery: 1.12 -28.2 m³/min
- 排气压力 Pressure: 3.0-4.0 Mpa

规格参数表 Technical Parameters																
型号Model		JM-15AM	JM-18.5AM	JM-22AM	JM-30AM	JM-37AM	JM-45AM	JM-55AM	JM-75AM	JM-90AM	JM-110AM	JM-132AM	JM-160AM	JM-185AM	JM-200AM	JM-250AM
排气量/排气压力 Capacity/Pressure (m3/min/Mpa)		1.45/3.0	1.73/3.0	2.35/3.0	2.93/3.0	3.65/3.0	4.70/3.0	6.00/3.0	7.90/3.0	10.0/3.0	12.2/3.0	14.2/3.0	17.3/3.0	19.6/3.0	22.8/3.0	28.2/3.0
		1.12/4.0	1.38/4.0	1.65/4.0	2.28/4.0	2.83/4.0	3.57/4.0	4.50/4.0	6.50/4.0	7.54/4.0	9.70/4.0	11.7/4.0	14.2/4.0	16.6/4.0	17.9/4.0	22.8/4.0
电动机 Motor	功率 (KW)	15	18.5	22	30	37	45	55	75	90	110	132	160	185	200	250
	马力 (HP)	20	25	30	40	50	60	75	100	125	150	175	215	250	270	340
	转数 (rpm)	2930	2930	2940	2950	2950	2970	2970	2970	2970	2980	2980	2980	2980	2980	2980
	电压V/频率H	380V/3Ph/50Hz,特殊电压可定制														
	启动方式Start	直接启动Direct			△启动 Y-Δ Start											
噪音Noise DB (A)		63±2	65±2	65±2	66±2	67±2	68±2	70±2	73±2	73±2	78±2	78±2	78±2	78±2	78±2	78±2
出口管径Outlet (Inch)		G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G1"	G1"	G1"	G1"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G2"
使用环境温度(℃) Working Temp		-5℃ ~ +45℃														
排气温度 (℃) Discharge Air Temp		<环境温度+25℃														
机组重量Weight(KG)		846	868	900	1217	1232	1286	2000	3820	3900	3920	4080	6450	6520	6560	7200
外形尺寸 Size	长Length(mm)	1650			1900			2050		2250		2400		2660		2900
	宽Weight(mm)	1150			1420			1460		1600		1700		1800		1800
	高Height(mm)	1315			1460			1500		1800		1550		1800		2000
含油量 PPM		≤2														
冷却风扇功率KW		0.635			2.0			4.3			7.0			11.0		



卓颖机械水润滑无油螺杆空压机技术优势

The technical advantage of JOY MACHINERY water lubricated Oil-free screw air compressors

TECHNICAL ADVANTAGE





无油水润滑螺杆空压机 (5.5-460KW)

Oil-free Water Lubricated Screw Air Compressor (5.5-460KW)

我们生产的无油空压机符合国际标准压缩空气质量等级 ISO8573-1 CLASS 0 (2010)。

使用我们卓颖无油空压机，可免除您在生产中的许多危险隐患：没有油液的污染风险，不会有损于您的生产，不会由此产生不安全的产品，无停机损失，不会损害您的良好声誉。

使用我们的无油空气解决方案，保护环境和遵守国际规则，最大限度地减少泄漏和能源的浪费，并消除凝结水。

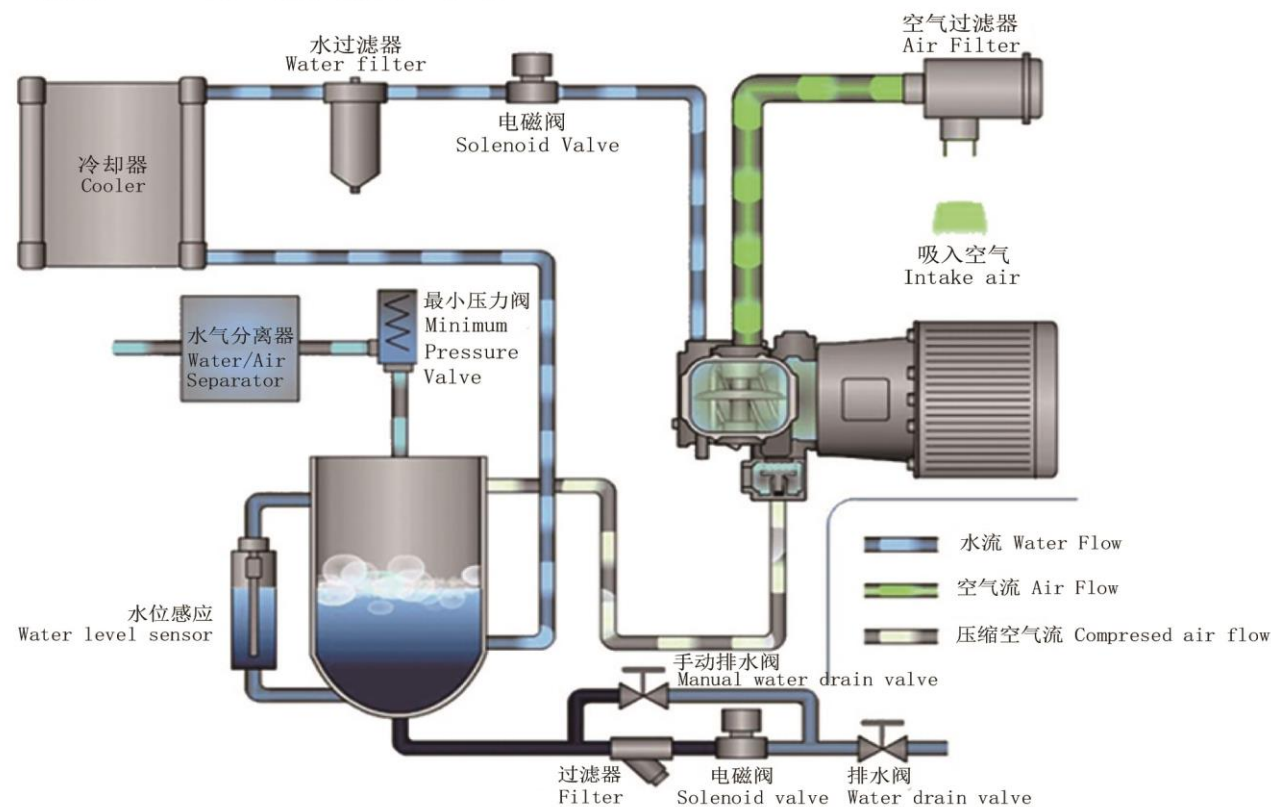
Our oil-free air compressors are conformed to the latest industry standard of air purity: ISO 8573-1 CLASS 0 (2010).

With JOY MACHINERY, you can eliminate so many risks: no risk of contamination of oil, of damaged or unsafe products, of losses from operational downtime or of jeopardizing your company's well-earned reputation. Safeguard the environment and comply with international regulations with our oil-free air solutions, minimizing leaks and energy waste.



1. 100%无油
100% Oil-free
2. 低噪音，无振动
Low noise without vibration
3. 可选配变频系统
Available for VSD control
4. 运行、维护成本低（耗材少：水，水滤芯，空滤）
Extremely low operation and maintenance costs (only covering water, water filter element and air filter element)

压缩机组系统流程图 Compressor system flow chat



简单高效的结构，让系统的稳定与节能成为可能。

Simple and efficient structure, so the stability and energy saving of the system is possible.

优异的性能，源自全球顶尖的产品配置

Excellent performance origins from the world's top configuration



自主开发的智能化节能控制系统

Intelligent energy saving control system developed independently



丹麦Danfoss电磁阀

Denmark Danfoss solenoid valve



顶级西门子施耐德控制元器件

Top SIEMENS Schneider controls components

高性能电气元件
High-performance electrical components



保障设备长期安全运行
Ensure long-term safe operation of equipment

变频器
Inverter



节能、省电
Energy saving and power saving



高效、高性能优异电机

High efficiency and high performance motor



德国Schaeffler轴承/瑞典SKF轴承

Germany Schaeffler bearing/swedish SKF bearing



丹麦Danfoss 冷却器

Denmark Danfoss cooler

高精度过滤器
High precision filter



消毒、杀菌、除水垢
Disinfection, sterilization and descaling

焊板式换热器
Welded plate heat exchanger



体积小、重量轻、换热效率高
Small size, light weight and high heat exchange efficiency

工频无油螺杆空压机 Fixed Frequency Oil-free Screw Air Compressor (5.5-250KW)

规格参数表 Technical Parameters



卓颖机械（上海）有限公司
JOY MACHIERY (SHANGHAI) CO.,LTD

参数 Parameter 型号Model	空气处理量 Air Capacity	排气压力 Pressure	电机功率 Power		噪音 Noise	冷却水量 口径 Cooled Water Outlet	润滑水量 Lubricated Water	外形尺寸 Dimension(mm)	出口 管径 Outlet	重量 Weight
	N.m3/min	Mpa	KW	HP	DB	(T/H) Pipe Dia.	L	长*宽*高 Length*Width*Height		KG
JMW-5.5A/W	0.72	0.8	5.5	7.5	57±2	1.5 3/4"	10	800*800*1200	3/4"	430
	0.65	1.0								
JMW-7.5A/W	1.05	0.8	7.5	10	57±2	2 3/4"	10	800*800*1200	3/4"	470
	0.80	1.0								
JMW-11A/W	1.72	0.8	11	15	60±2	2.5 1"	26	1200*855*1335	3/4"	580
	1.42	1.0								
JMW-15A/W	2.25	0.8	15	20	60±2	3.5 1"	26	1200*855*1335	3/4"	620
	1.92	1.0								
JMW-18.5A/W	3.00	0.8	18.5	25	63±2	4 1"	30	1400*1010*1340	1"	680
	2.20	1.0								
JMW-22A/W	3.65	0.8	22	30	63±2	5 1"	30	1400*1010*1340	1"	730
	3.00	1.0								
JMW-30A/W	5.00	0.8	30	40	66±2	7 1 1/2"	40	1650*1180*1505 (A) 1500*1080*1300 (W)	1 1/4"	1100
	3.90	1.0								
JMW-37A/W	6.30	0.8	37	50	66±2	9 1 1/2"	40	1650*1180*1505 (A) 1500*1080*1300 (W)	1 1/4"	1150
	5.33	1.0								
JMW-45A/W	7.80	0.8	45	60	68±2	10 1 1/2"	90	2050*1300*1758 (A) 1800*1360*1670 (W)	2"	1390
	6.30	1.0								
JMW-55A/W	10.10	0.8	55	75	69±2	12 1 1/2"	100	2150*1360*1758 (A) 1800*1360*1670 (W)	2"	1470
	7.90	1.0								
JMW-75W	13.00	0.8	75	100	74±2	18 1 1/2"	100	1800*1300*1750	2"	1650
	11.80	1.0								
JMW-90W	15.00	0.8	90	120	74±2	20 1 1/2"	120	2200*1550*1800	2"	2350
	13.00	1.0								
JMW-110W	20.50	0.8	110	150	77±2	24 2"	120	2200*1550*1800	DN65	2480
	17.00	1.0								
JMW-132W	23.50	0.8	132	180	77±2	24 2"	120	2200*1550*1800	DN65	2550
	20.20	1.0								
JMW-160W	26.00	0.8	160	220	79±2	35 3"	160	2200*1550*1800	DN80	3600
	24.00	1.0								
JMW-185W	32.00	0.8	185	250	79±2	38 3"	160	3000*1800*2100	DN80	3800
	28.80	1.0								
JMW-250W	42.00	0.8	250	340	80±2	53 4"	200	3100*2250*2200	DN100	4500
	38.00	1								

永磁变频无油螺杆空压机 Permanent Magnet Oil-free Screw Air Compressor (5.5-250KW)

规格参数表 Technical Parameters



卓颖机械（上海）有限公司
JOY MACHINERY (SHANGHAI) CO., LTD.

参数 Parameter 型号Model	空气处理量 Air Capacity	排气压力 Pressure	电机功率 Power		噪音 Noise	冷却水量 口径 Cooled Water Outlet	润滑水量 Lubricated Water	外形尺寸 Dimension (mm)	出口 管径	重量 Weight
	N. m3/min	Mpa	KW	HP	DB	(T/H) Pipe Dia.	L	长*宽*高 Length*Width*Height	Outlet	KG
JMW-5. 5A/W PM	0.30~0.78	0.8	5.5	7.5	57±2	1.5 3/4"	10	800*800*1200	3/4"	460
	0.20~0.65	1.0								
JMW-7. 5A/W PM	0.35~1.17	0.8	7.5	10	57±2	2 3/4"	10	800*800*1200	3/4"	510
	0.30~1.05	1.0								
JMW-11A/W PM	0.54~1.72	0.8	11	15	60±2	2.5 1"	26	1200*855*1335	3/4"	620
	0.45~1.42	1.0								
JMW-15A/W M	0.75~2.43	0.8	15	20	60±2	3.5 1"	26	1200*855*1335	3/4"	670
	0.65~2.17	1.0								
JMW-18. 5A/WPM	0.90~3.13	0.8	18.5	25	63±2	4 1"	30	1400*1010*1340	1"	730
	0.90~2.82	1.0								
JMW-22A/W PM	1.10~3.70	0.8	22	30	63±2	5 1"	30	1400*1010*1340	1"	780
	0.97~3.21	1.0								
JMW-30A/W PM	1.55~5.20	0.8	30	40	66±2	7 1 1/4"	40	1650*1180*1505 (A) 1500*1080*1300 (W)	1 1/4"	1150
	1.26~4.43	1.0								
JMW-37A/W PM	1.91~6.50	0.8	37	50	66±2	9 1 1/4"	40	1650*1180*1505 (A) 1500*1080*1300 (W)	1 1/4"	1200
	1.60~5.33	1.0								
JMW-45A/W PM	2.50~8.30	0.8	45	60	68±2	10 1 1/2"	90	2050*1300*1758 (A) 1800*1360*1670 (W)	2"	1490
	1.91~6.30	1.0								
JMW-55A/W PM	3.00~10.30	0.8	55	75	69±2	12 1 1/2"	100	2050*1300*1758 (A) 1800*1360*1670 (W)	2"	1570
	2.60~8.55	1.0								
JMW-75W PM	3.95~13.00	0.8	75	100	72±2	18 1 1/2"	100	1800*1360*1670	2"	1750
	3.40~11.50	1.0								
JMW-90W PM	5.00~16.60	0.8	90	120	73±2	20 1 1/2"	120	2200*1550*1800	2 1/2"	2450
	4.30~14.66	1.0								
JMW-110W PM	6.00~20.20	0.8	110	150	77±2	24 2"	120	2200*1550*1800	2 1/2"	2580
	5.00~16.66	1.0								
JMW-132W PM	6.75~23.52	0.8	132	180	77±2	30 2"	120	2200*1550*1800	2 1/2"	2700
	6.00~19.97	1.0								
JMW-160W PM	8.50~28.11	0.8	160	220	79±2	35 3"	160	2700*1830*1850	3"	3900
	7.60~25.45	1.0								
JMW-185W PM	10.00~31.32	0.8	185	250	79±2	38 3"	160	2700*1830*1850	3"	4050
	8.72~29.00	1.0								
JMW-200W PM	12.20~39.60	0.8	200	270	80±2	42 4"	200	2700*1830*1850	4"	4200
	9.68~31.80	1.0								
JMW-220W PM	12.20~39.60	0.8	220	300	80±2	47 4"	200	2700*1830*1850	4"	4400
	11.20~35.70	1.0								
JMW-250W PM	13.50~45.00	0.8	250	340	80±2	53 4"	200	2700*1830*1850	4"	4800
	12.30~40.00	1								

低压无油螺杆空压机 Low Pressure Oil-free Screw Air Compressor (30-185KW)

规格参数表 Technical Parameters						 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.						
参数 Parameter 型号Model	空气处理量 Air Capacity	排气压力 Pressure	电机功率 Power		噪音 Noise	冷却水量 口径 Cooled Water Outlet	润滑水量 Lubricated Water	外形尺寸 Dimension (mm)			出口 管径 Outlet	重量 Weight
	N. m3/min	Mpa	KW	HP	DB	(T/H) Pipe Dia.	L	长 Length	宽 Width	高 Height	KG	
JMW-30A/WL	6.70	0.4	30	40	66±2	7 1 1/2"	50	1650*1180*1505 (A) 1500*1080*1300 (W)			2"	1200
JMW-37A/WL	8.60	0.4	37	50	66±2	9 1 1/2"	60	1650*1180*1505 (A) 1500*1080*1300 (W)			2 1/2"	1300
JMW-45WL	10.50	0.4	45	60	68±2	10 1 1/2"	120	1800*1360*1670			2 1/2"	1500
JMW-55WL	13.50	0.4	55	75	69±2	12 1 1/2"	160	1800*1360*1670			2 1/2"	1670
JMW-75WL	19.90	0.4	75	100	72±2	18 1 1/2"	160	1800*1360*1670			3"	1800
JMW-90WL	23.00	0.4	90	120	73±2	20 1 1/2"	180	2200*1550*1800			3"	2550
JMW-110WL	28.20	0.4	110	150	77±2	24 2"	180	2200*1550*1800			4"	2600
JMW-132WL	30.00	0.4	132	180	77±2	30 2"	180	2200*1550*1800			4"	2800
JMW-160WL	36.00	0.4	160	220	79±2	35 3"	230	3000*1800*2100			5"	4000
JMW-185WL	42.00	0.4	185	250	79±2	38 3"	230	3000*1800*2100			5"	4350

中压无油螺杆空压机 Middle Pressure Oil-free Screw Air Compressor (37-460KW)

规格参数表 Technical Parameters			 卓颖机械（上海）有限公司 JOY MACHERY (SHANGHAI) CO.,LTD.								
参数 Parameter 型号Model	空气处理量 Air Capacity	排气压力 Pressure	电机功率 Power		噪音 Noise	冷却水量 口径 Cooled Water Outlet	润滑水量 Lubricated Water	外形尺寸 Dimension (mm)	出口 管径 Outlet	重量 Weight	
	N. m3/min	Mpa	KW	HP	DB	(T/H) Pipe Dia.	L	长*宽*高 Length*Width*Height		KG	
JMW-37WM	3.50	4	37	50	66±2	10 1 1/2"	120	1800*1360*1710	1"	1200	
JMW-65WM	6.00	4	65	90	70±2	18 1 1/2"	120	1800*1360*1710	1"	1800	
JMW-110WM	10.00	4	110	150	72±2	28 2"	160	3000*1560*1680	1 1/2"	2260	
JMW-132WM	12.00	4	132	180	73±2	35 2"	170	3000*1800*2100	1 1/2"	2500	
JMW-165WM	15.00	4	165	220	75±2	40 2 1/2"	190	3000*1800*2100	2"	2980	
JMW-220WM	20.00	4	220	300	77±2	50 3"	200	3000*2100*2200	2"	3200	
JMW-275WM	25.00	4	275	340	78±2	56 3"	250	3600*2100*2200	2 1/2"	4600	
JMW-460WM	42.00	4	460	625	80±2	95 4"	360	4200*3600*2200	3"	5800	

特种、工艺气体压缩机 Special Purpose Oil-free Screw Air Compressor



Special Purpose Oil-free Screw Air Compressor

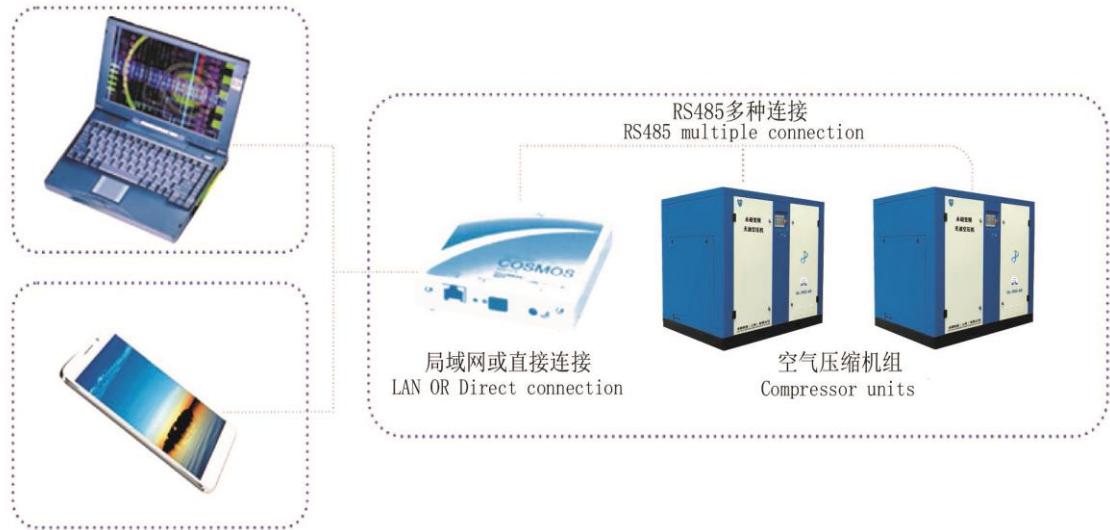
Characteristics of the latest generation (the fifth generation) of water lubricated oil-free screw air compressor
Low temperature characteristics of close to isothermal compression (the temperature of air end is lower than 60℃);
In a real sense, full stainless steel air end (air end screw, air end casing are both stainless steel material) corrosion resistance characteristics;
High efficiency full seal system (adopting imported mechanical seal, and labyrinth seal) without potential leakage;
There is no direct contact between metals when the compressor air end runs;
Adopting pure water to seal, lubricate, cool air end, which can adapt to the requirements of various gas compressors, especially for the requirements of explosive-proof gas compressor;
With our own intellectual property rights, all kinds of gas compressors can be made according to the requirements of our customers;
Totally stainless steel air end with independent patents;
Achievements: Gasoline gas compressors, methane compressors, nitrogen compressors, oxygen compressors and other special gas compressors have been successfully developed and applied.

无油水润滑螺杆空压机安装示意图(水冷式)

Oil free water lubricated screw air compressor installation scheme (water cooled)



远程控制系统 Remote control system



柴油移动式空压机 (45-475KW)

Diesel Portable Screw Air Compressor (45-475KW)



产品特点 Product Features

配置最新的柴油发动机, 对排气量和功率做了合理的调整, 能够满足重载与恶劣的野外使用环境, 同时降低了燃油消耗, 大大降低了运行成本。机组装有进气预热器, 解决机组在低温、高海拔地区的发动机起动难等问题。

柴油移动式螺杆空气压缩机, 广泛应用于重工业, 比如矿山、城建、道路建设、喷砂、线缆铺设等不易得到电源的地方。

The newest configuration of diesel engine, the air delivery and power have reasonably adjusted, which can meet the requirements of heavy duty and most harsh field application, and greatly reduce fuel consumption and operation costs. The unit is equipped with air inlet preheater to solve the problem of engine starting difficulty in low temperature and high altitude areas.

Diesel mobile screw air compressor is widely used in heavy industries, such as mines, urban construction, road construction, sand blasting, cable laying and other places where power supply is not easily available.

规格参数表 Technical Parameters							
型号 Model	功率 Power (KW/HP)	排气量 Capacity (m3/min)	排气压力 Pressure (Mpa)	接口尺寸 Outlet Connection	外形尺寸 L*W*H (mm)	净重 Weight (KG)	备注 Note
JMCY-4/8	45/60	4	0.8	G1-1/4"	2300*1760*1900	820	2 轮 (2 Wheels)
JMCY-7/8	58/78	7	0.8	G1-1/4"	2900*1800*2100	960	
JMCY-10/8	70/92	10	0.8	G1-1/2"	2900*1800*2100	1250	
JMCY-12/8	92/123	12	0.8	G1-1/2"	2900*1850*2100	1300	
JMCY-10/10	92/123	10	1.0	G1-1/2"	2900*1850*2100	1300	
JMCY-15/8	110/150	15	0.8	G2"	2900*1850*2100	1500	
JMCY-10/13	118/157	10	1.3	G2"	2900*1850*2100	1600	
JMCY-13/10	118/157	13	1.0	G2"	2900*1850*2100	1600	
JMCY-17/8	132/180	17	0.8	G2"	2900*1850*2100	1760	
JMCY-13/13	132/180	13	1.3	G2"	2900*1850*2100	1700	
JMCY-15/13	140/187	15	1.3	G2"	2900*1850*2100	1700	
JMCY-22/8	160/215	22	0.8	G2"	3400*1880*2100	1700	
JMCY-20/13	194/259	20	1.3	G2"	3400*1880*2100	1900	
JMCY-26/8	194/259	26	0.8	G2"	3400*1880*2100	1900	4 轮 (4 Wheels)
JMCY-30/8	210/280	30	0.8	G2"	3400*1880*2100	2100	
JMCY-13/17-II	150/200	13	1.7	G2"	3400*1860*2100	1960	
JMCY-18/17-II	194/259	18	1.7	G2"	3400*1860*2100	2200	
JMCY-10/20-II	132/160	10	2.0	G2"	3200*1860*2100	1850	
JMCY-27/20-II	295/393	27	2.0	G2"	3700*2100*2500	2600	
JMCY-31/20-II	350/467	31	2.0	G2"	3700*2100*2500	3500	
JMCY-21/21-II	239/319	21	2.1	G2"	3700*2100*2400	2600	
JMCY-15/25-II	239/319	15	2.5	G2"	3700*2100*2400	2600	
JMCY-20/25-III	264/352	20	2.5	G2"	3700*2100*2400	2600	
JMCY-33/25-III	410/547	33	2.5	G2"	4200*2200*2300	3500	
JMCY-35/30-II	475/633	35	3.0	G2"	4200*2200*2300	3500	
JMCY-32/45-III	475/633	32	4.5	G2"	4900*2300*2200	4800	

电动移动式空压机 (37-220KW)

Electrical Portable Screw Air Compressor (37-220KW)



产品特点 Product Features

采用高效率名牌电机, 高效节能。

结构合理紧凑的行走系统, 方便运输, 降低了转运成本。

整机智能化控制, 精心搭配世界名牌电器元件和德国 MANN 产品, 确保机组安全、稳定运行, 无需专人守护。

电动移动式螺杆空气压缩机, 广泛应用于重工业, 比如矿山、城建、道路建设、喷砂、线缆铺设等, 且易得到电源的地方。

Adopt high efficient famous motor, reasonable and compact structure, operate freely.

Reasonable and compact walking system, convenient transportation.

Intelligent control equipped with world famous brand electrical components, German MANN products to ensure unit safety, stable operation, no special guardian.

Electrical powered portable screw air compressors are widely used in heavy-duty industries, such as mining, construction, road working, Sandblasting, cable laying, etc. where electricity resources may not be easy to access.

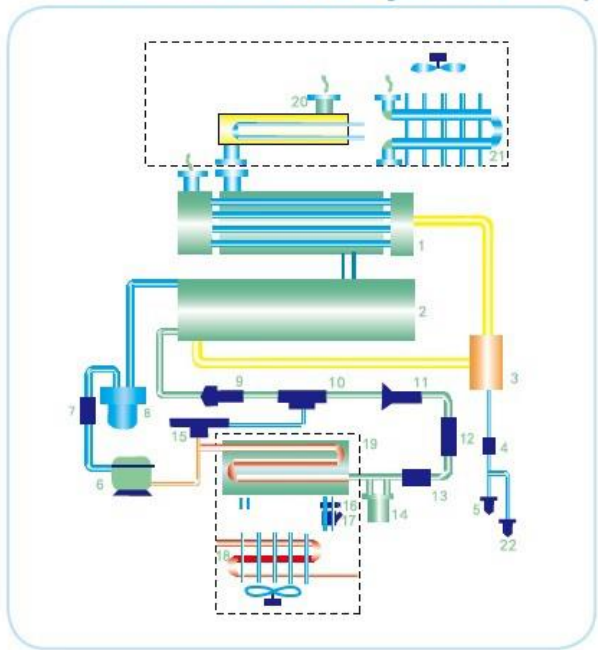
规格参数表 Technical Parameters							
型号 Model	功率 Power (KW/HP)	排气量 Capacity (m3/min)	排气压力 Pressure (Mpa)	接口尺寸 Outlet Connection	外形尺寸 L*W*H (mm)	净重 Weight (KG)	备注 Note
JMDY-6/8	37/45	6	8	2-RP3/4	3069*1570*1395	1300	2 轮 (2 Wheels)
JMDY-7.5/8	45/60	7.5	8		3069*1570*1395	1400	
JMDY-10/8	55/75	10	8	RP1 1/4 2-RP3/4	3530*1980*1887	1700	
JMDY-7.5/13		7.5	13		3530*1980*1887	1700	
JMDY-14/7	75/100	14	7		3300*1980*1831	1900	
JMDY-13/8		13	8		3530*1980*1887	2000	
JMDY-10/13		10	13		3530*1980*1887	1950	
JMDY-16/8	90/125	16	8		3530*1980*1887	2500	
JMDY-13/14.5		13	14.5		3530*1980*1887	2400	
JMDY-20/8	110/150	20	8	2-RP2 2-RP3/4	3700*1980*1940	3000	
JMDY-17/13		17	13		3700*1980*1940	2900	
JMDY-22/8	132/180	22	8		3700*1980*1940	3200	
JMDY-17/14.5		17	14.5		3700*1980*1940	3100	
JMDY-21/13	160/220	21	13	1-RP2 2-RP1 1/4	3670*1820*2250	3900	4 轮 (4 Wheels)
JMDY-26/8		26	8		3670*1820*2250	3900	
JMDY-18/17		18	17		3670*1820*2250	3800	
JMDY-30/8	185/250	30	8		3670*1820*2250	4300	
JMDY-26/13	220/300	26	13	1-RP2 1-RP1	4200*1950*2350	4900	

压缩空气净化设备
冷冻式冷干机

Refrigerated Air Dryer

冷干机工艺流程

Process flow chat of refrigerated air dryer



- | | |
|--------------|---------------------------|
| 1、空气热交换器 | Heat exchanger |
| 2、蒸发器 | Evaporator |
| 3、气液分离器 | Gas/liquid separator |
| 4、排水防堵过滤器 | Jam-prevent drain filter |
| 5、手动排污阀 | Manual draining valve |
| 6、制冷压缩机 | Refrigerated compressor |
| 7、吸气过滤器 | Aspirating filter |
| 8、汽化器 | Vaporization |
| 9、分液器 | Separator |
| 10、气液混合器 | Gas/liquid mixer |
| 11、热力膨胀阀 | Thermal expansion valve |
| 12、视镜 | View monitor |
| 13、干燥过滤器 | Dry filter |
| 14、储液器 | Tank |
| 15、热气旁通阀 | Hot gas by-pass valve |
| 16、水量调节阀 | Water adjustable valve |
| 17、水质过滤器 | Water filter |
| 18、冷凝器(风冷) | Condenser(Air-cooling) |
| 19、冷凝器(水冷) | Condenser(Water-cooling) |
| 20、前置预冷器(水冷) | Per-cooler(Water-cooling) |
| 21、前置预冷器(风冷) | Per-cooler(Air-cooling) |
| 22、自动排水器 | Auto-drainer |

使用工况 Standard Working Condition

冷却方式 Cooling Way	风冷 Air-cool
处理量 Capacity	1.2-65 m3/min
功率 Power (KW)	0.85-13
进气温度 Inlet air temperature	≤45℃ (Standard ty) ≤80℃ (High TEM)
环境温度 Ambient temperature	≤45℃
压力露点 Pressure dew point	2-10℃
进气压力 Inlet air pressure	0.4-1.3 Mpa
压力降 Pressure drop	≤3% of the working pressure
制冷剂 Refrigerant	R22/R134A/R407C

冷冻空气干燥器降低压缩空气的温度，迫使水分凝结。这是降低空气的露点。特别适用于无水或水资源短缺的地区。

我们的空气干燥机可以处理温度高达 80 度，能与任何空气压缩机匹配工作。

A refrigerated air dryer lowers the temperature of the compressed air, forcing moisture to condense out. This is lowering the dew point of the air. Especially suitable for the areas free of water or short of water resources. Our air dryer can handle temperatures up to 80℃ which will work well with any air compressor.

使用工况 Standard Working Condition

冷却方式 Cooling Way	水冷 Water-cooled
处理量 Capacity	11-300 m3/min
功率 Power (KW)	2.5-60
进气温度 Inlet air temperature	≤45℃ (Standard type) ≤80℃ (High TEMP type)
环境温度 Ambient temperature	≤45℃
压力露点 Pressure dew point	2-10℃
进气压力 Inlet air pressure	0.4-1.3 Mpa
压力降 Pressure drop	≤3% of the working pressure
制冷剂 Refrigerant	R22/R134A/R407C

冷冻空气干燥器降低压缩空气的温度，迫使水分凝结。这是降低空气的露点。特别适用于水资源丰富的地区。

我们的空气干燥机可以处理温度高达 80 度，能与任何空气压缩机匹配工作。

A refrigerated air dryer lowers the temperature of the compressed air, forcing moisture to condense out. This is lowering the dew point of the air. Especially suitable for the areas enough for water resources.

Our air dryer can handle temperatures up to 80℃ which will work well with any air compressor.

常(高)温风冷型冷干机

Normal (High) Temperature Air-cooling Refrigerated Air Dryer



工况条件与技术参数 Working Condition and Technical Parameters

进气温度 Inlet temperature: ≤45℃ (≤80℃) 压力损失 Pressure drop: ≤0.03 Mpa
冷却方式 Cooling method: 风冷 Air cooling 压力露点 Dew point:2~10℃
进气压力 Inlet pressure: 0.4~1.0Mpa 制冷剂 Refrigerant: R22

规格参数表

Technical Parameters

型号 Model	JMAD-1N (H) TA	JMAD-2N (H) TA	JMAD-3N (H) TA	JMAD-5N (H) TA	JMAD-6N (H) TA	JMAD-8N (H) TA	JMAD-10N (H) TA	JMAD-12N (H) TA	JMAD-15N (H) TA	JMAD-20N (H) TA	JMAD-25N (H) TA	JMAD-30N (H) TA	JMAD-40N (H) TA	JMAD-50N (H) TA	JMAD-60N (H) TA	JMAD-80N (H) TA	JMAD-100N (H) TA
空气处理量 Air Capcity N.m3/min	1.5	2.5	3.5	5.5	6.5	8.5	11.5	13.5	15.5	22	25	35	45	55	65	85	110
电源Voltage, V/Hz	220V/1Ph/50Hz										380V/3Ph/50Hz						
压缩机(总)功率 Compressor Power	0.5	0.7	0.9	1.0	1.0	1.6	2.0	3.0	3.1	4.5	4.5	6.9	9.2	11	14	18	20
风扇功率 Fan Power (W)	80	95	120	240	240	300	380	420	480	600	600	750	1080	2020	2020	1560	3330
空气接管口径 Connection	ZG1	ZG1	ZG1.5	ZG1.5	ZG1.5	ZG2	ZG2.5	ZG2.5	ZG2.5	DN80	DN80	DN100	DN100	DN125	DN125	DN150	DN150
外形尺寸 Size	长 Length(mm)	665	750	800	923	923	995	1125	1125	1120	1300	1300	1600	1800	1900	1900	2800
	宽 Width(mm)	425	420	440	500	500	585	625	625	700	750	750	820	820	900	900	1000
	高 Height(mm)	560	730	800	910	910	1080	1045	1045	1230	1230	1230	1520	1560	1570	1570	2100
设备重量 Weight (KG)	37	45	60	76	80	90	120	150	10	260	280	390	420	560	560	680	850

常 (高)温水冷型冷干机

Normal (High) Temperature Water-cooling Refrigerated Air Dryer



工况条件与技术参数 Working Condition and Technical Parameters

进气温度 Inlet temperature: ≤45℃ (≤80℃) 压力损失 Pressure drop: ≤0.03 Mpa
冷却方式 Cooling method: 水冷 Water cooling 压力露点 Dew point:2~10℃
进气压力 Inlet pressure: 0.4~1.0Mpa 制冷剂 Refrigerant: R22
冷却水进口温度 Cooling water inlet temperature:

规格参数表

Technical Parameters

型号 Model	JMAD-13N (H) TW	JMAD-15N (H) TW	JMAD-20N (H) TW	JMAD-25N (H) TW	JMAD-30N (H) TW	JMAD-40N (H) TW	JMAD-50N (H) TW	JMAD-60N (H) TW	JMAD-80N (H) TW	JMAD-100N (H) TW	JMAD-150N (H) TW	JMAD-200N (H) TW	JMAD-300N (H) TW
空气处理量 Air Capcity N.m3/min	13.5	15.5	22	25	35	45	55	65	85	110	160	210	300
电源V/Hz	380V/3 卩 /50Hz												
压缩机(总)功率 Compressor	3.0	3.1	4.5	5.3	6.9	9.2	11.2	14	18	20	30	37	45
冷却水循环量 Cooled water circulation (m3/h)	5	6	7	9	11	15	20	22	25	30	40	50	80
空气进出口口径 Air Pipe Caliber	ZG2.5"	GDN65	DN80	DN80	DN100	DN100	DN100	DN125	DN125	DN150	DN200	DN200	DN250
冷却进出口口径 Cooled Pipe Caliber	DN20	DN25	DN25	DN32	DN32	DN45	DN45	DN45	DN50	DN50	DN65	DN80	DN100
外形尺寸 Size	长 Length(mm)	1125	1120	1300	1300	1600	1800	1900	1900	2500	2800	3300	4000
	宽 Width(mm)	625	700	750	750	820	820	900	900	1000	1000	1750	2000
	高 Height(mm)	1045	1230	1230	1230	1520	1560	1570	1570	1900	2100	2000	2200
设备重量 Weight (KG)	150	190	260	280	390	420	500	560	680	850	1200	1500	1800



无热再生吸附式压缩冷干机 Heatless Purge Desiccant Compressed Air Dryer



工况条件与技术参数

Working Condition and Technical Parameters

再生气量 Purge air: $\leq 12 \sim 15\%$

工作压力 Working pressure: $0.6 \sim 1.0 \text{ Mpa}$

进气含油量 Inlet oil content: $\leq 0.01 \text{ ppm}$

压力露点 Pressure dew point: $-20 \sim -40^\circ\text{C}$

干燥剂 Desiccant: 活性氧化铝 Activated aluminum

或 or 分子筛 Molecular sieve

工作周期 Working period: $T=4 \sim 20 \text{ Minutes}$

进气温度 Inlet temperature: $0 \sim 45^\circ\text{C}$

规格参数表 Technical Parameters						
项目Item 型号Model	空气处理量 Air Capacity N. m3/min	空气接管口径 Connection Caliber	外形尺寸Dimension (mm)			重量 Weight (KG)
			长Length	宽Width	高Height	
JMAD-1WXA	1.5	ZG1	750	350	1450	100
JMAD-2WXA	2.5	ZG1	750	350	1600	110
JMAD-3WXA	3.8	ZG1	1050	500	1500	210
JMAD-6WXA	6.8	ZG1 1/2	1050	500	1850	300
JMAD-8WXA	8.5	ZG2	1100	550	1850	360
JMAD-10WXA	11.5	ZG2	1100	550	2000	390
JMAD-12WXA	13.5	ZG2	1200	500	2100	500
JMAD-15WXA	17	DN65	1200	500	2300	600
JMAD-20WXA	23	DN65	1400	500	2100	700
JMAD-25WXA	27	DN80	1400	500	2450	920
JMAD-30WXA	34	DN80	1500	600	2350	1050
JMAD-40WXA	45	DN100	1700	800	2400	1200
JMAD-50WXA	55	DN100	1800	900	2600	1500
JMAD-60WXA	65	DN100	1900	900	2700	1700
JMAD-80WXA	87	DN125	2000	900	2700	2200
JMAD-100WXA	110	DN150	2200	1000	2800	2700
JMAD-120WXA	130	DN150	2500	1200	2800	4100
JMAD-150WXA	160	DN200	2600	1500	2850	4900
JMAD-200WXA	210	DN200	2900	1600	2900	6400
JMAD-250WXA	260	DN250	3000	1800	3000	7700
JMAD-300WXA	310	DN250	3300	2000	3000	9020
JMAD-350WXA	360	DN300	3700	2100	3000	11900
JMAD-400WXA	410	DN300	4000	2700	3100	13100

微热再生吸附式压缩冷干机

Externally Heated Purge Desiccant Compressed Air Dryer



工况条件与技术参数

Working Condition and Technical Parameters

再生气量 Purge air: $\leq 4 \sim 6\%$

工作压力 Working pressure: $0.6 \sim 1.0 \text{ Mpa}$

进气含油量 Inlet oil content: $\leq 0.01 \text{ ppm}$

压力露点 Pressure dew point: $-20 \sim -70^\circ\text{C}$

干燥剂 Desiccant: 活性氧化铝 Activated aluminum

或 or 分子筛 Molecular sieve

工作周期 Working period: $T=60 \sim 180 \text{ Minutes}$

进气温度 Inlet temperature: $0 \sim 45^\circ\text{C}$

规格参数表 Technical Parameters				卓颖机械(上海)有限公司 JOY MACHERY (SHANGHAI) CO. LTD.			
项目Item 型号Model	空气处理量 Air Capacity N.m3/min	加热器功率 Heater Power (KW)	空气接管口径 Connection Caliber	外形尺寸Dimension (mm)			重量 Weight (KG)
				长Length	宽Width	高Height	
JMAD-1MXA	1.5	0.5	ZG1	750	350	1450	120
JMAD-2MXA	2.5	1	ZG1	750	350	1600	130
JMAD-3MXA	3.8	1.2	ZG1 1/2	1050	500	1500	230
JMAD-6MXA	6.8	2.1	ZG1 1/2	1050	500	1850	330
JMAD-8MXA	8.5	3	ZG2	1100	550	1850	390
JMAD-10MXA	11.5	4	ZG2	1100	550	2000	420
JMAD-12MXA	13.5	4	ZG2	1200	500	2100	550
JMAD-15MXA	17	5	DN65	1200	500	2300	650
JMAD-20MXA	23	6	DN65	1400	500	2100	750
JMAD-25MXA	27	8	DN80	1400	500	2450	970
JMAD-30MXA	34	10	DN80	1500	600	2350	1150
JMAD-40MXA	45	12	DN100	1700	800	2400	1300
JMAD-50MXA	55	15	DN100	1800	900	2600	1600
JMAD-60MXA	65	18	DN100	1900	900	2700	1800
JMAD-80MXA	87	27	DN125	2000	900	2700	2350
JMAD-100MXA	110	36	DN150	2200	1000	2800	2850
JMAD-120MXA	130	42	DN150	2500	1200	2800	4300
JMAD-150MXA	160	54	DN200	2600	1500	2850	5200
JMAD-200MXA	210	72	DN200	2900	1600	2900	6700
JMAD-250MXA	260	90	DN250	3000	1800	3000	8000
JMAD-300MXA	310	113	DN250	3300	2000	3000	9270
JMAD-350MXA	360	124.8	DN300	3700	2100	3000	12200
JMAD-400MXA	410	146	DN300	4000	2700	3100	13400

组合式低露点冷干机 Combined Low Dew Point Air Dryer



工况条件与技术参数 Working Condition and Technical Parameters

进气压力 Inlet Pressure: $0.6 \sim 1.0 \text{ Mpa}$

空气进口温度 Inlet temperature: $\leq 45^\circ\text{C}$

压力露点 Dew point: $-40 \sim -70^\circ\text{C}$

再生气量 Purge air: $3 \sim 5\%$

冷却水温 Cooled water temperature: $\leq 32^\circ\text{C}$

压力损失 Pressure drop: $\leq 0.05 \text{ Mpa}$

规格参数表

Technical Parameters

卓颖机械（上海）有限公司

JOY MACHINERY (SHANGHAI) CO.,LTD.

精密过滤器 Precision Filter

规格参数表

Technical Parameters









卓颖机械（上海）有限公司

JOY MACHIERY (SHANGHAI) CO.,LTD.





储气罐 Air Receiver (0.8-1.6 Mpa)

规格参数表
Technical Parameters



卓颖机械(上海)有限公司
JOY MACHINERY (SHANGHAI) CO.,LTD.

No.	规格 Model	设计温度 Design Temp	总高度 Total Height	内直径 Inner Diameter	空气进口 Air Inlet			空气出口 Air Outlet			支撑 Support		安全阀 Safety Valve	排污口 Drain Outlet	重量 Weight
		℃	H1	Φ	H2	DN	Thread	H3	DN	Thread	D	d	Size	Size	
1	0.3/0.8	110	1594	550	642	50	Rp1½	1242	50	Rp1½	400	20	Rp1/2	R1/2	121
2	0.3/1.0		1594		642			1242							139
3	0.3/1.3		1598		644			1244							167
4	0.3/1.6	110	1598	700	644	65	Rp1½	1244	65	Rp1½	490	24	Rp1/2	R1/2	195
5	0.6/0.8		1905		680			1550							185
6	0.6/1.0		1907		681			1551							217
7	0.6/1.3	110	1909	800	682	65	Rp1½	1552	65	Rp1½	560	24	Rp3/4	R1/2	265
8	0.6/1.6		1907		681			1551							313
9	1.0/0.8		2305		690			1920							283
10	1.0/1.0	110	2307	1000	691	65	Rp1½	1921	65	Rp1½	560	24	Rp3/4	R1/2	324
11	1.0/1.3		2305		690			1920							331
12	1.0/1.6		2307		691			1921							338
13	1.5/0.8	110	2265	1000	760	65	Rp2"	1810	65	Rp2"	700	24	Rp3/4	R1/2	408
14	1.5/1.0		2265		760			1810							473
15	1.5/1.3		2267		761			1811							423
16	1.5/1.6	110	2566	1200	753	80	Rp2"	2118	80	Rp2"	700	24	Rp1%	R1/2	488
17	2.0/0.8		2780		760			2320							513
18	2.0/1.0		2780		760			2320							661
19	2.0/1.3	110	2782	1400	761	80	Rp2"	2321	80	Rp2"	700	24	Rp1%	R1/2	538
20	2.0/1.6		2786		763			2323							686
21	2.5/0.8		3300	1000	760	80	Rp2"	2840	80	Rp2"	700	24	Rp1%	R1/2	642
22	2.5/1.0	110	3300		760			2840							724
23	2.5/1.3		3302		761			2841							773
24	2.5/1.6	110	2836	1200	788	80	Rp2"	2348	80	Rp2"	906	24	Rp1%	R3/4	855
25	3.0/0.8		2920		850			2410							735
26	3.0/1.0		2922		851			2411							917
27	3.0/1.3	110	2926	1400	853	80	Rp2"	2413	80	Rp2"	906	24	Rp1%	R3/4	855
28	3.0/1.6		2926		853			2413							1037
29	4.0/0.8		3030	1400	910	100	Rp2"	2470	100	Rp2"	1050	24	Rp1%	R3/4	949
30	4.0/1.0	110	3032		911			2471							1170
31	4.0/1.3		3036		913			2473							1019
32	4.0/1.6	110	3040	1400	915	100	Rp2"	2475	100	Rp2"	1050	24	Rp1%	R3/4	1240
33	5.0/0.8		3700		910			2990							1148
34	5.0/1.0		3702		911			2991							1419
35	5.0/1.3	110	3726	1400	913	100	Rp2"	3013	100	Rp2"	1050	24	Rp2	R3/4	1198
36	5.0/1.6		3730		915			3015							1469
37	6.0/0.8		4330	1400	910	125	Rp2"	3621	125	Rp2"	1050	24	Rp2	R3/4	1192
38	6.0/1.0	110	4332		911			3621							1320
39	6.0/1.3		4346		913			3633							1377
40	6.0/1.6	110	4350	2000	915	125	Rp2"	3635	125	Rp2"	1500	32	Rp2	R3/4	1505
41	8.0/0.8		3154		1082			2362							1598
42	8.0/1.0		3156		1083			2363							1605
43	8.0/1.3	110	3190	2000	1100	125	Rp2"	2380	125	Rp2"	1500	32	Rp2	R3/4	1960
44	8.0/1.6		3194		1102			2382							2315
45	10/0.8		3754	2000	1082	150	Rp2"	2962	150	Rp2"	1500	32	Rp2%	R3/4	1847
46	10/1.0	110	3756		1083			2963							2262
47	10/1.3		3790		1100			2980							2658
48	10/1.6	110	3794	2000	1102	150	Rp2"	2982	150	Rp2"	1500	32	Rp2%	R3/4	3054
49	12/0.8		4354		1082			3562							2104
50	12/1.0		4356		1083			3563							2577
51	12/1.3	110	4390	2000	1100	150	Rp2"	3580	150	Rp2"	1500	32	Rp2%	R3/4	3026
52	12/1.6		4394		1102			3582							3475
53	15/0.8		4531	2200	1208	150	Rp2"	3618	150	Rp2"	1650	32	Rp2%	R1	2422
54	15/1.0	110	4533		1209			3619							2971
55	15/1.3		4569		1227			3637							3497
56	15/1.6	110	4573	2400	1229	200	Rp2"	3639	200	Rp2"	1800	32	Rp3	R1	4023
57	20/0.8		5246		1348			4168							3680
58	20/1.0		5250		1350			4170							3693
59	20/1.3	110	5254	2400	1352	200	Rp2"	4172	200	Rp2"	1800	32	Rp3	R1	4985
60	20/1.6		5258		1354			4174							6277
61	25/0.8		6146	2400	1348	200	Rp2"	5068	200	Rp2"	1800	32	Rp3	R1	4247
62	25/1.0	110	6150		1350			5070							4254
63	25/1.3		6154		1352			5072							5785
64	25/1.6	110	6158	2500	1354	200	Rp2"	5074	200	Rp2"	1875	36	Rp3	R1	7316
65	30/0.8		6706		1373			5603							5054
66	30/1.0		6710		1375			5605							5969
67	30/1.3	110	6718	2500	1379	200	Rp2"	5609	200	Rp2"	1875	36	Rp3	R1	6922
68	30/1.6		6722		1381			5611							7875
69	40/0.8		8886		1373			7413							