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

卓颖机械 产品样册
PRODUCTS CATALOGUE



空压机及后处理设备 Compressor and aftertreatment equipment



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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空气压缩机的专业化企业，致力于为客户提供稳定、节能、 高效、智能化的压缩空气解决方案为己任，让全球用户享受卓颖产品带来的不一样的美好体验。

卓颖生产管理严格遵循 ISO9001 国际质量体系，可提供全面的智能空压机产品，包括但不限于：低于、常压、高压螺杆空压机、永磁变频双级压缩空压机、无油空压机、移动空压机、后处理设备。产品广泛应用于机械制造、食品医药、石油化工等领域。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，产品出口亚洲、欧洲、美洲、非洲等国家和地区，获得良好的市场口碑。

“卓而不凡，颖领科技”——卓颖机械（上海）有限公司欢迎各界惠顾，让我们共同携手，共创美好未来！

JOY MACHINERY (SHANGHAI) CO., LTD. specializes in air compressors, committed to providing customers with stable, energy-saving, efficient and intelligent compressed air solutions, offering global users to enjoy the unique and beautiful experience of JOY MACHINERY products.

JOY MACHINERY strictly follows the ISO9001 international quality system and can provide a comprehensive range of intelligent air compressor products, including but not limited to: low-pressure, normal pressure, high-pressure screw air compressors, permanent magnet variable frequency two-stage compression air compressors, oil-free air compressors, mobile air compressors, and post-treatment equipment. The product is widely used in fields such as mechanical manufacturing, food and medicine, and petrochemicals etc. The company adheres to the corporate philosophy of "customer satisfaction is our unwavering pursuit", our products are exported to countries and regions such as Asia, Europe, America, Africa, etc., gaining a good market reputation.

JOY MACHINERY (SHANGHAI) CO., LTD. welcomes customers from all walks of life to join hands and create a better future together, with the slogan "Extraordinary quality, Leading Technology"!



固定式螺杆空压机 Stationary Screw Air Compressor

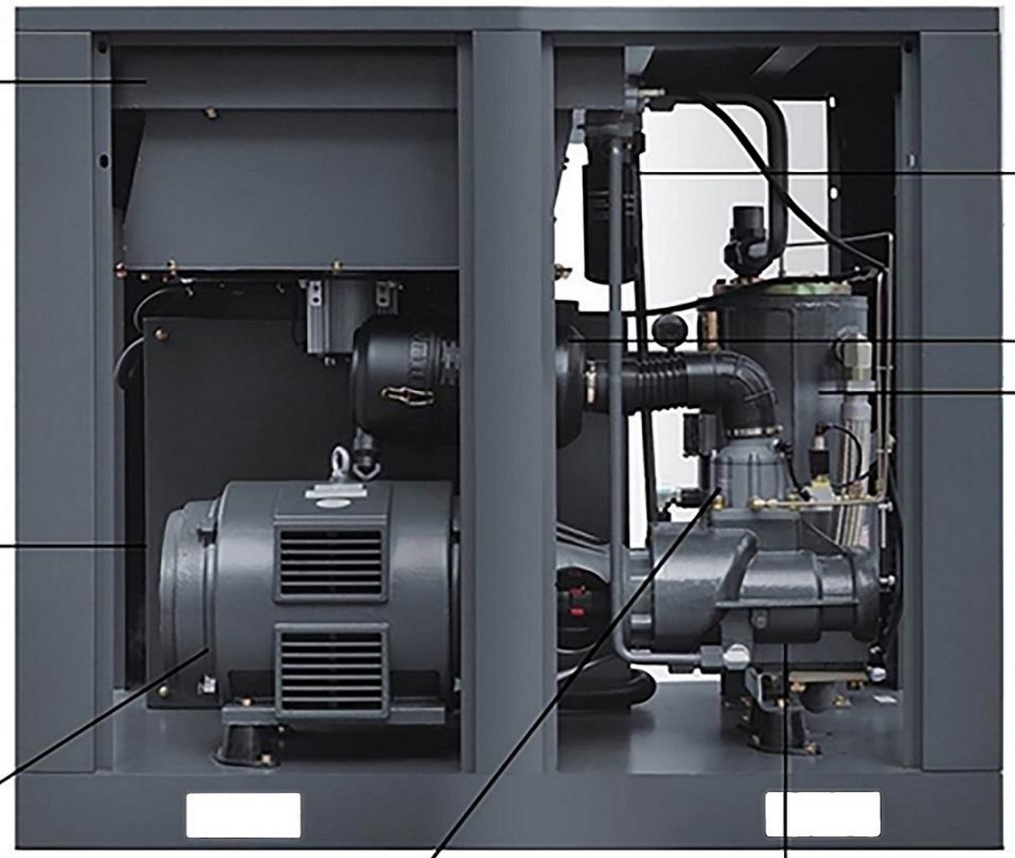
螺杆空压机结构图 Screw air compressor structure



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



施耐德电器元件
Schneider electric components





机滤
Oil filter



空滤
Air filter



油分芯
Oil/air separator

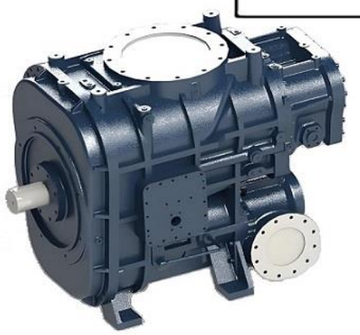


电机F级绝缘，SKF重载轴承
能效比同类产品高3-5%
Class F insulated motor, SKF heavy-duty bearing
Energy efficiency is 3-5% higher than similar product



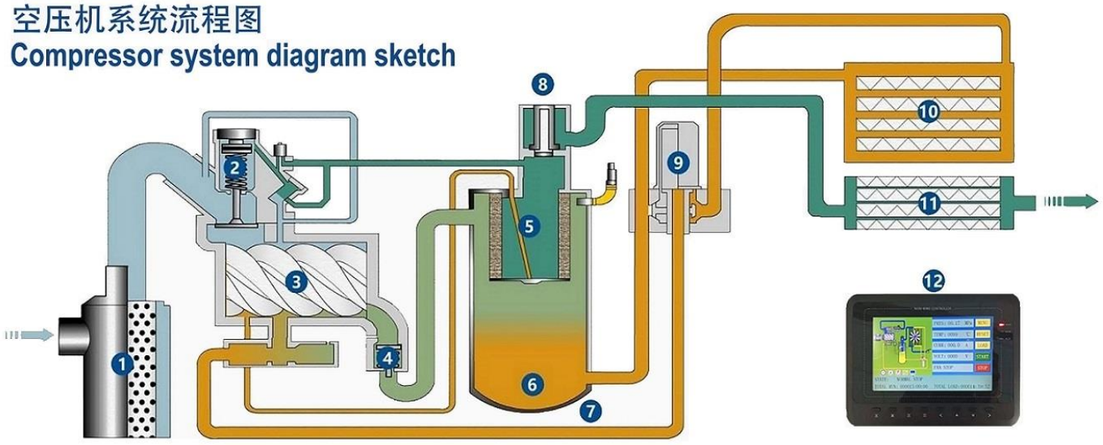
0-100%自动调节进气阀
0-100% automatic adjustment of air intake valve





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

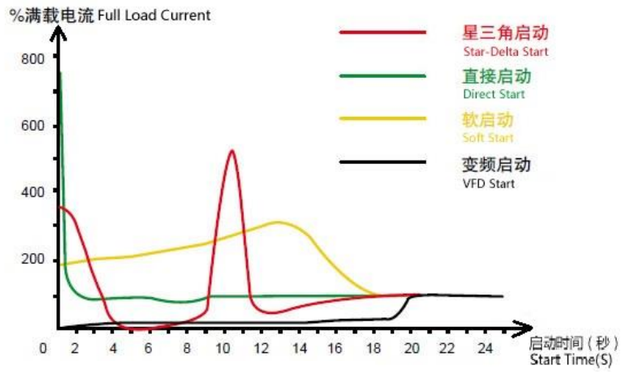
空压机系统流程图
Compressor system diagram sketch



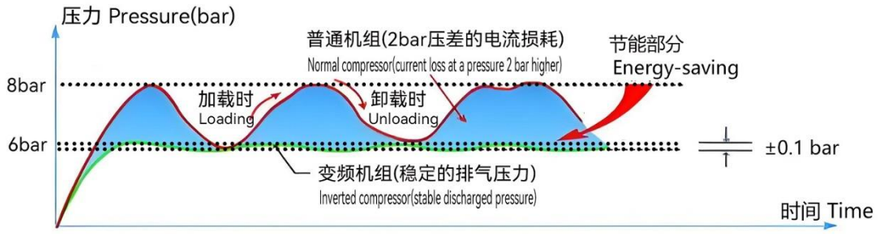
螺杆空压机启动方式 Start-up of screw air compressor

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



微油螺杆机主要部件 Main components of oil lubricated screw air compressor



业内领先的双级主机

双级压缩过程趋近于最节能的等温压缩，两级压缩比单级压缩节能 10%-30%；
双级压缩，压缩比小，泄露更少，轴承负荷小，轴承寿命大大提高；

Advanced double compression air end

The most energy-efficient isothermal compression with two-stage energy-saving up to10%-30% ;
Double stage compression, small compression ratio, less leakage, greatly improved bearing life.





高效永磁同步电机

采用稀土永磁材料制造，启动及运行时的转矩大，启动及运行的电流小；
节能电机的工作频率范围更宽广，运行噪音低。

Efficient permanent magnet synchronous motor

Made of rare earth permanent magnet materials, the big torque, small current;
The working frequency range of energy-saving motors is wider and the operating noise is lower.



专用阀组

螺杆压缩机专用进气阀，机组易启动，带自动调节功能，降低能耗，进气噪音低；
可靠的最小压力维持阀，低压损，精准控制，保证用户用气不回流。

Special valves

Dedicated intake valve, easy to start unit with automatic adjustment, low flow rate, low intake noise;
Reliable MPV, low pressure loss, precise control, no flow back.



先进、可靠的电控系统

大尺寸彩色液晶触摸屏，拥有良好人机交流界面；
定制矢量变频器完全监控机器的各项参数，包括电压检测、三相不平衡检测、超压、超温等；

Advanced and reliable electronic control system

Large size color LCD touch screen with excellent human-machine communication interface;
Customized vector inverter fully monitors various parameters: voltage, three-phase imbalance, overvoltage, overtemperature, etc.;



静音离心风机

离心风机相比轴流风机，冷却效果更好，更节能；
风压更高，噪音更低；

Silent centrifugal fan

Compared to axial flow fans, centrifugal fans have better cooling effects and are more energy-efficient;
Higher wind pressure and lower noise;



优质三滤

选择较好的过滤材质，过滤精度高，耐用性好，压损低。

High quality filters

Choose a good filtering material with high filtration accuracy, good durability, and low pressure loss.



优质高效的联轴器

联轴器是扭向弹性联轴器，有失效保护功能。能有效地阻尼和减少运行过程中所产生的振动和冲击。

High quality and efficient couplings

The coupling is a torsional elastic coupling with failure protection function. It can effectively dampen and reduce the vibrations and impacts generated during operation.

工频螺杆空压机(7.5-355KW)
Fixed Speed Screw Air Compressor (7.5-355KW)



产品特点 Product Feature

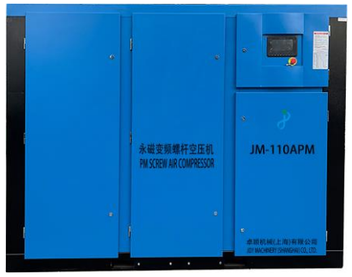
- 高性能主机，质量稳定 High quality air end, stable
- 适用于各种恶劣环境，可在-5~45℃的环境温度下，良好运行
  Suitable for various harsh environments, it can operate well in ambient temperatures ranging from -5 to 45℃
- 24 小时连续运行 24-hour continuous operation
- 双过滤系统，滤掉空气中的杂质和颗粒，延长空压机的使用寿命
  The dual filtration system filters out impurities and particles, extending the service life of the air compressor

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	噪音 Noise DB	外形尺寸 Dimension 长宽高 L*W*H (mm)	出口尺寸 Size Outlet	重量 Weight KG
JM-7.5A	7.5	0.7 0.8 1.0 1.3	1.2 1.1 0.9 0.7	62±2	900*650*860	G1/2"	190
JM-11A	11	0.7 0.8 1.0 1.3	1.7 1.6 1.3 1.0	64±2	1150*750*960	G3/4"	320
JM-15A	15	0.7 0.8 1.0 1.3	2.4 2.2 2.0 1.6	64±2	1150*750*960	G3/4"	340
JM-18.5A	18.5	0.7 0.8 1.0 1.3	2.9 2.8 2.7 2.2	66±2	1350*850*1110	G1"	400
JM-22A	22	0.7 0.8 1.0 1.3	3.5 3.4 3.2 2.5	66±2	1350*850*1110	G1"	430
JM-30A	30	0.7 0.8 1.0 1.3	4.7 4.6 / 3.1	70±2	1350*850*1110	G1"	460
JM-37A	37	0.7 0.8 1.0 1.3	6.4 6.3 / 4.7	72±2	1500*1000*1350	G1 1/2"	650
JM-45A	45	0.7 0.8 1.0 1.3	7.3 7.2 6.2 /	72±2	1500*1000*1350	G1 1/2"	700
JM-55A	55	0.7 0.8 1.0 1.3	9.4 9.3 7.1 6.1	75±2	1700*1210*1550	G2 1/2"	1100
JM-75A	75	0.7 0.8 1.0 1.3	12.5 12.2 / 9.1	75±2	1700*1210*1550	G2 1/2"	1200
JM-90A	90	0.7 0.8 1.0 1.3	15.5 15.0 12.1 /	75±2	2100*1400*1650	G2 1/2"	1500
JM-110A	110	0.7 0.8 1.0 1.3	20.1 19.9 14.8 12.0	78±2	2250*1510*1850	DN65	1800
JM-132A	132	0.7 0.8 1.0 1.3	23.0 22.5 19.7 14.6	78±2	2250*1510*1850	DN65	1900
JM-160A	160	0.7 0.8 1.0 1.3	28.5 28.0 22.5 21.5	82±2	2900*1800*2100	DN100	3000
JM-185A	185	0.7 0.8 1.0 1.3	30.5 30.0 27.0 22.5	82±2	2900*1800*2100	DN100	3500
JM-200A	200	0.7 0.8 1.0 1.3	/ / 29.2 25.5	82±2	3800*2300*2300	DN125	4800
JM-220A	220	0.7 0.8 1.0 1.3	42.0 41.5 / 28.5	85±2	3800*2300*2300	DN125	5000
JM-250A	250	0.7 0.8 1.0 1.3	44.0 43.5 41.2 32.0	85±2	3800*2300*2200	DN125	5900
JM-280A	280	0.7 0.8 1.0 1.3	/ / 43.0 41.0	85±2	3800*2300*2200	DN125	6500
JM-315A	315	0.7 0.8 1.0 1.3	/ / / 42.5	86±2	3800*2300*2200	DN125	7000
JM-355A	355	0.7 0.8 1.0 1.3	62.0 61.0 / /	86±2	4300*2300*2430	DN150	8000

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

永磁变频螺杆空压机 (7.5-250KW)
Permanent Magnet (PM) Screw Air Compressor (7.5-250KW)



产品特点 Product Feature

- 高性能主机，质量稳定 High quality air end, stable
- 高效永磁电机，省电节能，性能优越 High-efficiency permanent magnet motor, energy-saving, superior performance
- 智能 PLC 变频技术，远程、恒压控制，比工频机节能高达 35%左右 Intelligent PLC control, remote and constant pressure control, energy-saving up to 35%
- 双过滤系统，滤掉空气中的杂质和颗粒，延长空压机的使用寿命 The dual filtration system filters out impurities and particles, extending the service life

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	噪音 Noise DB	外形尺寸 Dimension 长宽高 L*W*H (mm)	出口尺寸 Size Outlet	重量 Weight KG
JM-7.5APM	7.5	0.8 1.0 1.3	1.1 0.9 0.7	62±2	700*600*860	G1/2"	180
JM-11APM	11	0.8 1.0 1.3	1.7 1.6 1.0	64±2	1000*750*1070	G3/4"	300
JM-15APM	15	0.8 1.0 1.3	2.3 2.1 1.7	64±2	1000*750*1070	G3/4"	320
JM-18.5APM	18.5	0.8 1.0 1.3	3.2 2.6 2.2	66±2	1265*830*1130	G1 1/4"	330
JM-22APM	22	0.8 1.0 1.3	3.5 3.2 2.5	66±2	1100*850*1110	G1"	420
JM-30APM	30	0.8 1.0 1.3	4.7 4.0 3.1	70±2	1100*850*1110	G1"	450
JM-37APM	37	0.8 1.0 1.3	6.5 5.2 4.7	72±2	1200*1000*1350	G1 1/2"	600
JM-45APM	45	0.8 1.0 1.3	7.3 6.6 5.5	72±2	1200*1000*1350	G1 1/2"	700
JM-55APM JM-55WPM	55	0.8 1.0 1.3	9.5 7.2 6.7	75±2	1500*1230*1550(A) 2100*1440*1650(W)	G2 1/2"(A) DN50(W)	850(A) 1300(W)
JM-75APM JM-75WPM	75	0.8 1.0 1.3	12.3 10.8 9.1	75±2	1500*1230*1550(A) 2100*1440*1650(W)	G2 1/2"(A) DN50(W)	950(A) 1500(W)
JM-90APM JM-90WPM	90	0.8 1.0 1.3	15.2 12.3 11.5	75±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1650
JM-110APM JM-110WPM	110	0.8 1.0 1.3	20.0 16.3 14.5	78±2	2250*1510*1850(A) 2550*1680*1850(W)	DN65(A) DN80(W)	1800(A) 2700(W)
JM-132APM JM-132WPM	132	0.8 1.0 1.3	23.0 19.7 16.0	78±2	2250*1510*1850(A) 2550*1680*1850(W)	DN65(A) DN80(W)	1900(A) 2800(W)
JM-160APM JM-160WPM	160	0.8 1.0 1.3	28.5 22.8 21.5	80±2	2900*1800*2100(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4000(A) 3200(W)
JM-185APM JM-185WPM	185	0.8 1.0 1.3	30.0 28.0 23.0	80±2	2900*1800*2100(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4200(A) 3600(W)
JM-200APM JM-200WPM	200	0.8 1.0 1.3	33.0 29.2 26.5	80±2	2900*1800*2100(A) 3600*2250*2300(W)	DN100(A) DN125(W)	4500(A) 5000(W)
JM-220APM JM-220WPM	220	0.8 1.0 1.3	38.0 33.0 29.0	82±2	3100*2000*2200(A) 3600*2250*2300(W)	DN125	5000(A) 5500(W)
JM-250APM JM-250WPM	250	0.8 1.0 1.3	44.0 41.0 31.5	82±2	3100*2000*2200(A) 3600*2250*2300(W)	DN125	5500(A) 6000(W)

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

双级压缩工频螺杆空压机 (15-450KW)
Double Stage Compression Screw Air Compressor (15-450KW)



产品特点 Product Feature

- 优良的双级压缩主机，压力分布更合理 The excellent two-stage compression air end features a more reasonable pressure distribution
- 适用于各种恶劣环境，可在-5~45℃的环境温度下，良好运行 Suitable for various harsh environments, it can operate well in ambient temperatures ranging from -5 to 45℃
- 24 小时连续运行 24-hour continuous operation
- 双过滤系统，滤掉空气中的杂质和颗粒，延长空压机的使用寿命 The dual filtration system filters out impurities and particles, extending the service life of the air compressor

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	噪音 Noise DB	外形尺寸 Dimension 长宽高 L*W*H (mm)	出口尺寸 Size Outlet	重量 Weight KG
JM-15AII	15	0.7	2.9	62±2	1300*980*1220	G1"	500
		0.8	2.7				
JM-18.5AII	18.5	0.7	3.8	62±2	1300*980*1220	G1"	550
		0.8	3.4				
		1.0	2.8				
		1.3	/				
JM-22AII	22	0.7	4.3	64±2	1300*980*1220	G1"	560
		0.8	4.1				
		1.0	3.5				
		1.3	2.7				
JM-30AII	30	0.7	6.4	68±2	1400*1100*1450	G1 1/2"	800
		0.8	5.9				
		1.0	/				
		1.3	3.0				
JM-37AII	37	0.7	7.5	68±2	1400*1100*1450	G1 1/2"	850
		0.8	7.2				
		1.0	6.3				
		1.3	5.4				
JM-45AII JM-45WII	45	0.7	10.0	70±2	1500*1230*1550	G2 1/2"(A) DN50(W)	1500
		0.8	9.5				
		1.0	8.0				
		1.3	6.8				
JM-55AII JM-55WII	55	0.8	13.0	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1700
		0.8	12.5				
		1.0	9.5				
		1.3	8.0				
JM-75AII JM-75WII	75	0.7	15.5	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1800
		0.8	15.2				
		1.0	13.0				
		1.3	11.5				
JM-90AII JM-90WII	90	0.7	20.5	72±2	2450*1700*1760(A) 2550*1680*1850(W)	DN65(A) DN80(W)	2400(A) 2700(W)
		0.8	19.5				
		1.0	16.5				
		1.3	14.0				
JM-110AII JM-110WII	110	0.7	24.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	2800
		0.8	23.0				
		1.0	20.0				
		1.3	16.5				
JM-132AII JM-132WII	132	0.7	29.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	3000(A) 2800(W)
		0.8	27.0				
		1.0	23.7				
		1.3	19.0				
JM-160AII JM-160WII	160	0.7	35.5	76±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4300(A) 3450(W)
		0.8	33.5				
		1.0	30.6				
		1.3	26.0				
JM-185AII JM-185WII	185	0.7	41.0	78±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4500(A) 4000(W)
		0.8	38.0				
		1.0	34.5				
		1.3	29.0				
JM-200AII JM-200WII	200	0.8	45.0	78±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6000(A) 5600(W)
		0.8	42.0				
		1.0	38.0				
		1.3	31.5				
JM-220AII JM-220WII	220	0.7	50.0	80±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6500(A) 6000(W)
		0.8	46.0				
		1.0	41.0				
		1.3	35.0				
JM-250AII JM-250WII	250	0.7	55.5	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125(A) DN100(W)	7000(A) 6500(W)
		0.8	53.0				
		1.0	45.8				
		1.3	40.5				
JM-280AII JM-280WII	280	0.7	62.0	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125	7500(A) 7000(W)
		0.8	60.0				
		1.0	52.0				
		1.3	43.0				
JM-315AII JM-315WII	315	0.7	74.0	82±2	4300*2300*2430(A) 4000*2300*2320(W)	DN125	8500(A) 7500(W)
		0.8	67.0				
		1.0	59.0				
		1.3	52.0				
JM-355AII JM-355WII	355	0.7	81.0	82±2	4000*2300*2320	DN125	8000
		0.8	78.0				
		1.0	64.0				
		1.3	56.0				
JM-400AII JM-400WII	400	0.7	89.0	84±2	4700*2250*2420(A) 4200*2350*2350(W)	DN125(A) DN150(W)	10000(A) 9000(W)
		0.8	84.5				
		1.0	77.0				
		1.3	64.0				
JM-450AII JM-450WII	450	0.7	101.0	84±2	4200*2350*2350	DN150	10000
		0.8	96.0				
		1.0	85.0				
		1.3	79.0				

双级压缩永磁变频螺杆空压机 (15-450KW)
Double Stage Compression Permanent Magnet (PM) Screw Air Compressor (15-450KW)



产品特点 Product Feature

- 优良的双级压缩主机，压力分布更合理 The excellent two-stage compression air end features a more reasonable pressure distribution
- 高效永磁电机，省电节能，性能优越 High-efficiency permanent magnet motor, energy-saving and superior performance
- 智能 PLC 变频技术，远程、恒压控制，比工频机节能高达 35%左右 Intelligent PLC control, remote and constant pressure control, energy-saving up to 35%

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	噪音 Noise DB	外形尺寸 Dimension 长宽高 L*W*H (mm)	出口尺寸 Size Outlet	重量 Weight KG
JM-15APMII	15	0.7	2.9	62±2	1300*980*1220	G1"	500
		0.8	2.7				
JM-18.5APMII	18.5	0.7	3.8	62±2	1300*980*1220	G1"	550
		0.8	3.4				
		1.0	2.8				
		1.3	/				
JM-22APMII	22	0.7	4.3	64±2	1300*980*1220	G1"	560
		0.8	4.1				
		1.0	3.5				
		1.3	2.7				
JM-30APMII	30	0.7	6.4	68±2	1400*1100*1450	G1 1/2"	800
		0.8	5.9				
		1.0	/				
		1.3	3.0				
JM-37APMII	37	0.7	7.5	68±2	1400*1100*1450	G1 1/2"	850
		0.8	7.2				
		1.0	6.3				
		1.3	5.4				
JM-45APMII JM-45WPMII	45	0.7	10.0	70±2	1500*1230*1550	G2 1/2"(A) DN50(W)	1500
		0.8	9.5				
		1.0	8.0				
		1.3	6.8				
JM-55APMII JM-55WPMII	55	0.8	13.0	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1700
		0.8	12.5				
		1.0	9.5				
		1.3	8.0				
JM-75APMII JM-75WPMII	75	0.7	15.5	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1800
		0.8	15.2				
		1.0	13.0				
		1.3	11.5				
JM-90APMII JM-90WPMII	90	0.7	20.5	72±2	2450*1700*1760(A) 2550*1680*1850(W)	DN65(A) DN80(W)	2400(A) 2700(W)
		0.8	19.5				
		1.0	16.5				
		1.3	14.0				
JM-110APMII JM-110WPMII	110	0.7	24.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	2800
		0.8	23.0				
		1.0	20.0				
		1.3	16.5				
JM-132APMII JM-132WPMII	132	0.7	29.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	3000(A) 2800(W)
		0.8	27.0				
		1.0	23.7				
		1.3	19.0				
JM-160APMII JM-160WPMII	160	0.7	35.5	76±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4300(A) 3450(W)
		0.8	33.5				
		1.0	30.6				
		1.3	26.0				
JM-185APMII JM-185WPMII	185	0.7	41.0	78±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4500(A) 4000(W)
		0.8	38.0				
		1.0	34.5				
		1.3	29.0				
JM-200APMII JM-200WPMII	200	0.8	45.0	78±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6000(A) 5600(W)
		0.8	42.0				
		1.0	38.0				
		1.3	31.5				
JM-220APMII JM-220WPMII	220	0.7	50.0	80±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6500(A) 6000(W)
		0.8	46.0				
		1.0	41.0				
		1.3	35.0				
JM-250APMII JM-250WPMII	250	0.7	55.5	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125(A) DN100(W)	7000(A) 6500(W)
		0.8	53.0				
		1.0	45.8				
		1.3	40.5				
JM-280APMII JM-280WPMII	280	0.7	62.0	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125	7500(A) 7000(W)
		0.8	60.0				
		1.0	52.0				
		1.3	43.0				
JM-315APMII JM-315WPMII	315	0.7	74.0	82±2	4300*2300*2430(A) 4000*2300*2320(W)	DN125	8500(A) 7500(W)
		0.8	67.0				
		1.0	59.0				
		1.3	52.0				
JM-355APMII JM-355WPMII	355	0.7	81.0	82±2	4000*2300*2320	DN125	8000
		0.8	78.0				
		1.0	64.0				
		1.3	56.0				
JM-400APMII JM-400WPMII	400	0.7	89.0	84±2	4700*2250*2420(A) 4200*2350*2350(W)	DN125(A) DN150(W)	10000(A) 9000(W)
		0.8	84.5				
		1.0	77.0				
		1.3	64.0				
JM-450APMII JM-450WPMII	450	0.7	101.0	84±2	4200*2350*2350	DN150	10000
		0.8	96.0				
		1.0	85.0				
		1.3	79.0				

双级压缩永磁变频低压螺杆空压机 (11-315KW)
Double Stage Compression PM Low Pressure Screw Air Compressor (11-315KW)



产品特点 Product Feature

- 优良的双级压缩主机，效率提高
  Excellent two-stage compression air end improves efficiency
- 高效永磁电机，省电节能，性能优越 High-efficiency permanent magnet motor, energy-saving and superior performance
- 智能 PLC 变频技术，远程、恒压控制，比工频机节能约 35%
  Intelligent PLC control, remote and constant pressure control, energy-saving up to 35%
  双过滤系统，滤掉空气中的杂质和颗粒，延长空压机寿命
  Dual filtration system filters out impurities and particles, extending the service life of the air compressor

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	外形尺寸 Dimension(mm) 长宽高 L*W*H (mm)	出口尺寸 Size Outlet	重量 Weight KG
JM-11APMII	11	0.4	3.2	1300*980*1220	G1"	500
		0.5	2.8			
JM-15APMII	15	0.4	4.2	1300*980*1220	G1"	550
		0.5	3.6			
JM-18.5APMII	18.5	0.4	4.5	1400*1100*1450	G1 1/2"	700
		0.5	4.2			
JM-22APMII	22	0.4	6.2	1400*1100*1450	G1 1/2"	800
		0.5	6.0			
JM-30APMII	30	0.4	8.5	1400*1100*1450	G1 1/2"	850
		0.5	7.5			
JM-37APMII	37	0.4	10.3	2100*1440*1650	G2 1/2"	1600
		0.5	9.5			
JM-45APMII	45	0.4	12.2	2100*1440*1650	G2 1/2"	1650
		0.5	11.5			
JM-55APMII JM-55WPMII	55	0.4	15.5	2450*1700*1765(A) 2100*1440*1650(W)	DN65 G2 1/2"	2350 1700
		0.5	14.5			
JM-75APMII JM-75WPMII	75	0.4	20.5	2600*1900*1890(A) 2450*1700*1765(W)	DN80 DN65	2800 240
		0.5	19.5			
JM-90APMII JM-90WPMII	90	0.4	26.5	2600*1900*1890	DN80	2800
		0.5	23.5			
JM-110APMII JM-110WPMII	110	0.4	30.0	2600*1900*1890	DN80	2900
		0.5	27.0			
JM-132APMII JM-132WPMII	132	0.4	38.0	3250*2100*2200	DN100	4000
		0.5	35.0			
JM-160APMII JM-160WPMII	160	0.4	47.0	3800*2300*2200(A) 3250*2100*2200(W)	DN125 DN100	5500 4400
		0.5	42.0			
JM-185APMII JM-185WPMII	185	0.4	52.0	3800*2300*2200(离心风机) 3600*2300*2290(轴流风机)	DN125	6000
		0.5	45.0			
JM-200APMII JM-200WPMII	200	0.4	57.0	3800*2300*2200	DN125	6500
		0.5	53.5			
JM-220APMII JM-220WPMII	220	0.4	62.0	4200*2350*2350	DN125	7500
		0.5	55.0			
JM-250APMII JM-250WPMII	250	0.4	65.0	4200*2350*2350	DN125	8000
		0.5	61.0			
JM-280APMII JM-280WPMII	280	0.5	70.5	4700*2250*2420(A) 4200*2350*2350(W)	DN125(A) DN150(W)	8500
JM-315APMII JM-315WPMII	315	0.5	82.0	4700*2250*2420(A) 4200*2350*2350(W)	DN125(A) DN150(W)	9000

双级压缩永磁变频中压螺杆空压机 (11-355KW)
Double Stage Compression PM Medium Pressure Screw Air Compressor (11-355KW)



产品特点 Product Feature

- 优良的双级压缩主机，效率提高
  Excellent two-stage compression air end improves efficiency
- 高效永磁电机，省电节能，性能优越
  High-efficiency permanent magnet motor, energy-saving and superior performance
- 智能 PLC 变频技术，远程、恒压控制，比工频机节能约 35%
  Intelligent PLC control, remote / constant pressure control, energy-saving up to 35%
  双过滤系统，滤掉空气中的杂质和颗粒，延长空压机的使用寿命
  Dual filtration system filters out impurities and particles, extending the service life of the air compressor

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	外形尺寸 Dimension 长宽高 L*W*H (mm)	出口尺寸 Size Outlet	重量 Weight KG
JM-11APMII	11	2.0	1.0	1000*750*1070	G3/4"	200
		2.5	0.9			
JM-15APMII	15	3.0	1.0	1000*750*1070	G3/4"	210
JM-18.5APMII	18.5	2.0	2.1	1100*850*1110	G1"	310
JM-22APMII	22	2.2	2.4	1100*850*1110	G1"	320
		2.5	2.0			
JM-30APMII	30	2.0	3.4	1100*850*1110	G1"	330
		2.5	3.0			
		3.0	2.2			
JM-37APMII	37	3.0	3.3	1200*1000*1350	G1 1/2"	620
JM-45APMII JM-45WPMII	45	1.8	5.4	2100*1440*1650	G2"	1400
		2.0	5.0			
		2.2	5.0			
		2.5	4.9			
JM-55APMII JM-55WPMII	55	1.8	7.2	2100*1440*1650	G2"	1500
		2.0	6.5			
		2.2	6.2			
		2.5	6.0			
		3.0	4.6			
JM-75APMII JM-75WPMII	75	1.8	9.5	2100*1440*1650	G2"	1600
		2.0	9.0			
		2.2	7.7			
		2.5	7.0			
		3.0	6.6			
JM-90APMII JM-90WPMII	90	1.8	11.6	2450*1700*1760(A) 2550*1680*1850(W)	DN65(A) DN80(W)	2400(A) 2700(W)
		2.0	11.0			
		2.2	10.0			
		2.5	9.1			
		2.8	7.9			
		3.0	7.5			
JM-110APMII JM-110WPMII	110	1.8	13.9	2600*1900*1890(A) 2550*1680*1850(W)	DN50	2800
		2.0	12.5			
		2.2	12.0			
		2.5	11.5			
		2.8	10.0			
		3.0	9.2			
JM-132APMII JM-132WPMII	132	1.8	18.0	2600*1900*1890(A) 2550*1680*1850(W)	DN50	3000(A) 2800(W)
		2.0	16.0			
		2.2	15.0			
		2.5	14.2			
		2.8	12.7			
		3.0	12.0			
JM-160APMII JM-160WPMII	160	1.8	21.0	3250*2100*2200(A) 3000*2000*2000(W)	DN80	4300(A) 3450(W)
		2.0	18.0			
		2.2	17.4			
		2.5	16.0			
		2.8	15.0			
		3.0	14.0			
JM-185APMII JM-185WPMII	185	1.8	25.0	3250*2100*2200(A) 3000*2000*2000(W)	DN80	4400(A) 4000(W)
		2.0	23.0			
		2.2	21.5			
		2.5	19.0			
		2.8	17.0			
		3.0	16.0			
JM-200APMII JM-200WPMII	200	1.8	28.0	3250*2100*2200(A) 3000*2000*2000(W)	DN80	4600(A) 4500(W)
		2.0	25.5			
		2.2	24.5			
		2.5	23.0			
		2.8	20.8			
		3.0	17.0			
JM-220APMII JM-220WPMII	220	1.8	30.0	3800*2300*2200(A) 3600*2200*2200(W)	DN80	6500(A) 6000(W)
		2.0	28.0			
		2.2	26.0			
		2.5	24.0			
		2.8	22.5			
		3.0	21.5			
JM-250APMII JM-250WPMII	250	1.8	32.5	3800*2300*2200(A) 3600*2200*2200(W)	DN80	7000(A) 6500(W)
		2.0	31.0			
		2.2	29.0			
		2.5	27.0			
		2.8	25.0			
		3.0	24.0			
JM-280APMII JM-280WPMII	280	2.2	35.0	3800*2300*2200(A) 3600*2200*2200(W)	DN80	7500(A) 7000(W)
		2.2	31.5			
		2.5	29.0			
		2.8	27.0			
		3.0	26.5			
JM-315APMII JM-315WPMII	315	2.2	34.0	4300*2300*2430(A) 3600*2200*2200(W)	DN80	8500(A) 7500(W)
		2.5	31.0			
		2.8	30.5			
		3.0	28.0			
JM-355APMII JM-355WPMII	355	3.0	33.5	4300*2300*2430(A) 3600*2200*2200(W)	DN80	9000(A) 8000(W)

永磁变频低压螺杆空压机 (15-160KW)
PM Low Pressure Screw Air Compressor (15-160KW)



产品特点 Product Feature

- 高性能主机，质量稳定 High quality air end, stable
- 高效永磁电机，省电节能，性能优越 High-efficiency permanent magnet motor, energy-saving and superior performance
- 智能 PLC 变频技术，远程、恒压控制，比工频机节能高达 35%左右 Intelligent PLC control, remote and constant pressure control, energy-saving up to 35%
- 双过滤系统，滤掉空气中的杂质和颗粒，延长空压机的使用寿命 The dual filtration system filters out impurities and particles, extending the service life of the air compressor

规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

型号	功率 Power	排气压力 Pressure	排气量 Air Delivery	转速 Speed	外形尺寸 Dimension	出口尺寸 Size	重量 Weight
MODEL	KW	Mpa	m³/min	RPM	长宽高 L*W*H (mm)	Outlet	KG
JM-15APM	15	0.3	3.8	3000	1350*850*1110	G1"	420
		0.4	3.6	3000	1350*850*1110	G1"	420
		0.5	2.9	3000	1350*850*1110	G1"	420
JM-18.5APM	18.5	0.4	4.7	1500	1500*1000*1350	G1 1/2"	620
		0.5	4.2	1500			
JM-22APM	22	0.2	7.6	1500	1500*1230*1550	G2 1/2"	800
		0.3	6.8	1500			850
		0.4	5.5	3000	1500*1000*1350	G1 1/2"	600
		0.5	5.3	1500			650
JM-30APM	30	0.2	10.5	3000	2000*1450*1700	DN80	1400
		0.3	8.8	3000			1300
		0.4	7.0	3000	1500*1230*1550	G2 1/2"	850
		0.5	6.3	3000	1500*1000*1350	G1 1/2"	600
JM-37APM	37	0.2	12.0	3000	2000*1450*1700	DN80	1500
		0.3	10.5	3000			
		0.4	9.0	3000	1500*1230*1550	G2 1/2"	1000
		0.5	7.7	3000			
JM-45APM	45	0.2	16.0	3000	2400*1750*2000	DN125	2900
		0.3	13.5	3000	2000*1450*1700	DN80	1500
		0.4	11.0	3000	2100*1440*1650	G2 1/2"	1550
		0.5	9.5	3000	1700*1210*1550		1250
JM-55APM	55	0.2	20.5	3000	2400*1750*2000	DN125	2900
		0.3	16.0	3000		DN80	2700
		0.4	13.5	3000	2100*1440*1650	G2 1/2"	1650
		0.5	12.3	3000			1550
JM-75APM	75	0.2	27.0	3000	2950*1840*2230	DN125	3200
		0.3	22.5	3000	2400*1750*2000		2800
		0.4	20.5	3000	2600*1900*1890	DN80	2200
		0.5	15.5	3000	2100*1440*1650	G2 1/2"	1650
JM-90APM	90	0.2	36.0	1500	2950*1840*2230	DN125	3300
		0.3	28.0	3000	2600*1900*1890		3000
		0.4	24.0	3000	2600*1900*1890	DN80	2800
		0.5	20.0	3000	2250*1510*1850	DN65	1800
JM-110APM	110	0.2	45.0	1500	3600*2200*2270	DN150	5300
		0.3	31.5	3000	2950*1840*2230	DN125	3300
		0.4	28.3	3000	3250*2100*2200	DN100	4200
		0.5	23.3	3000	2600*1900*1890	DN80	2900
JM-132APM	132	0.2	46.0	3000	3600*2200*2270	DN150	5500
		0.3	42.0	3000			5600
		0.4	31.0	3000	3250*2100*2200	DN100	4000
		0.5	28.0	3000	2900*1800*2200		3600
JM-160APM	160	0.2	60.0	1500	4200*2350*2400	DN150	7000
		0.3	46.0	3000	3600*2200*2270	DN125	5700
		0.4	42.0	3000	3800*2300*2200	DN100	5500

激光切割专用螺杆空压机 (7.5-160KW))
Screw Air Compressor for laser cutting (7.5-160KW)

产品特点 Product Feature

- 16-20 bar 超高压力的压缩空气 Compressed air at ultra-high pressure of 16-20 bar
- 系统安装了多级过滤器，经多级净化和干燥压缩空气，防止镜头被污染 The system is equipped with multi-stage filters to purify and dry the compressed air through multiple stages, thus preventing lens contamination
- 有单机和组合式解决方案，满足多样化的需求 There are standalone and modular solutions to meet diverse needs



规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

型号	功率 Power	排气压力 Pressure	排气量 Air Delivery	外形尺寸 Dimension	出口尺寸 Size	重量 Weight
MODEL	KW	Mpa	m³/min	长宽高L*W*H (mm)	Outlet	KG
JM-7.5APM	7.5	1.6	0.6	800*650*860	G1/2"	180
		2.0	/	1500*670*1430 一体机		355
JM-11APM	11	1.6	0.9	1000*750*1000	G3/4"	300
		2.0	/	1800*750*1770 一体机		570
JM-15APM	15	1.6	1.2	1000*750*1000	G3/4"	320
		2.0	1.0	1800*750*1770 一体机		590
JM-22AP	22	1.6	2.0	1070*850*1140	G1"	420
		2.0	1.7	1800*850*1930 一体机		690
JM-30APM	30	1.6	2.5	1070*850*1140	G1"	450
		2.0	2.2	1800*850*1930 一体机		720
JM-37APM	37	1.6	3.4	1200*1000*1390	G1 1/2"	600
		2.0	3.2	1990*980*1970 一体机		930
JM-45APM	45	1.6	4.3	1200*1000*1390	G1 1/2"	650
		2.0	3.8	1990*980*1970 一体机		980
JM-55APM	55	1.6	5.9	1700*1210*1550	G2 1/2"	900
		2.0	4.2			
JM-75APM	75	1.6	8.1	1700*1210*1550	G2 1/2"	1050
		2.0	6.5			
JM-90APM	90	1.6	9.5	1700*1210*1550	G2 1/2"	1200
		2.0	8.5			
JM-110APM	110	1.6	13.0	2250*1510*1850	DN65	2500
		2.0	9.8			
JM-37APMII	37	1.6	3.6	1400*1100*1450	G1 1/2"	700
JM-45APMII	45	1.6	5.3	2100*1440*1650	G2 1/2"	1600
JM-55APMII	55	1.6	6.5	2100*1440*1650	G2 1/2"	1650
JM-75APMII	75	1.6	9.0	2100*1440*1650	G2 1/2"	1660
JM-90APMII	90	1.6	11.2	2100*1440*1650	G2 1/2"	1700
JM-110APMII	110	1.6	15.0	2600*1900*1890	G2 1/2"	2700
JM-132APMII	132	1.6	18.5	3250*2100*2200	DN50	2900
JM-160APMII	160	1.6	22.0	3250*2100*2200	DN80	4000

无油水润滑螺杆空压机 (5.5-242KW)

Oil-free Water Lubricated Screw Air Compressor (5.5-242KW)

我们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)**。
无油空压机对于压缩空气品质有更高要求的行业，提供了较好的解决方案，可免除您在生产中的许多危险隐患，避免了油污污染风险。

Our oil-free air compressor meets the international standard for compressed air quality level **ISO 8573-1 CLASS 0 (2010)**.
Oil-free air compressors provide a better solution for industries with higher requirements for compressed air quality, eliminating many potential hazards in your production process, the risk of oil pollution has been avoided.

1. ISO8573-1 Class 0 100%无油
ISO8573-1 Class 0 100% 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)

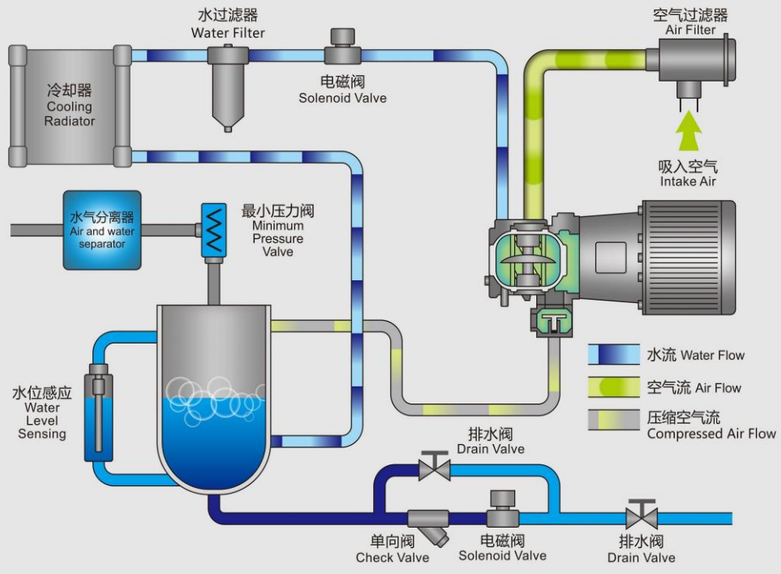
CLASS 0
ISO 8573-1

ISO 8573-1 Class 0 含油等级标准

等级 CLASS	含油量 Concentration total oil (aerosol, liquid, vapor) mg/m³
0	由设备用户或供应商指定，比1级更严格 As specified by the equipment user or supplier and more stringent than class 1
1	< 0.01
2	< 0.1
3	< 1
4	< 5

当前标准ISO 8573-1 (2010) (主要分为5类，以及相关的最高含油量)。
Current ISO 8573-1 (2010) classes (the five main classes and the associated maximum concentration in total oil content).

压缩机组系统流程图
SYSTEM FLOW DIAGRAM OF COMPRESSOR UNIT



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



高精密过滤器
High precision filter


消毒、杀菌、除水垢
Disinfection, sterilization and descaling

变频器
Inverter


节能、省电
Energy saving and power saving

焊板式换热器
Welded plate heat exchanger


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


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

工频水润滑无油螺杆空压机(5.5-55KW)
Fixed Frequency Water Lubricated Oil-free Screw Air Compressor (5.5-55KW)



产品特点 Product Feature

- 纯无油设计，符合 ISO8573-1 CLASS0
  Pure oil-free design, compliant with ISO8573-1 CLASS0
- 自主设计单螺杆主机，主机及系统采用不锈钢合金，质量稳定、可靠
  The single-screw air end is independently designed, and both the air end and the system are made of stainless steel alloy, ensuring stable and reliable quality
- 高寒、高原地带可定做，可选配智能辅热系统
  In high-altitude and plateau regions, customization is available, and an intelligent auxiliary heating system can be optionally equipped
- 使用压力范围更广：2 -40 bar Wider operating pressure range: 2 - 40 bar

规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

型号	功率 Power	排气压力 Pressure	排气量 Air Delivery	冷却水外径 Cooled water	冷却水量 Quantity of cooled water	润滑水量 Lubricated water	噪音 Noise	外形尺寸 Dimension	出口尺寸 Size	重量 Weight
MODEL	KW	Mpa	m³/min	Outlet/inlet	进水32℃ Inlet water 32 ℃ T/H	L	DB	长宽高 L*W*H (mm)	Outlet	KG
JMW-5.5A	5.5	0.8	0.72	3/4“	1.5	10	57	800*800*1200	G3/4"	300
		1.0	0.65							
JMW-7.5A	7.5	0.8	1.05	3/4"	2.0	10	57	8000*800*1106	G3/4"	300
		1.0	0.80							
JMW-11A	11	0.8	1.72	1"	2.5	26	60	1200*755*1130	G3/4"	420
		1.0	1.42							
JMW-15A	15	0.8	2.25	1"	3.5	26	60	1200*755*1130	G3/4"	450
		1.0	1.92							
JMW-18.5A	18.5	0.8	3.00	1"	4.0	30	63	1400*900*1285	G1"	600
		1.0	2.20							
JMW-22A	22	0.8	3.65	1"	5.0	30	63	1400*900*1285	G1"	650
		1.0	3.00							
JMW-30A JMW-30W	30	0.8	5.00	1 1/2"	7.0	40	65	1400*950*1390(A) 1500*1080*1300(W)	G1 1/4"	750
		1.0	3.90							
JMW-37A JMW-37W	37	0.8	6.30	1 1/2"	9.0	40	65	1580*1000*1485(A) 1500*1080*1300(W)	G1 1/4"	860
		1.0	5.33							
JMW-45A JMW-45W	45	0.8	7.80	1 1/2"	10.0	90	68	1800*1300*1680(A) 1800*1360*1670(W)	G2"	1020
		1.0	6.30							
JMW-55A JMW-55W	55	0.8	10.10	1 1/2"	12.0	100	68	2050*1300*1690(A) 1800*1360*1670(W)	G2"	1080
		1.0	8.00							


半导体 Semiconductor


生物发酵 Biological fermentation


石油化工 Petrochemical


实验室 Laboratory


化妆品 Cosmetics


医药 Medicine


食品 Food


灌装饮料 Beverages

永磁变频水润滑无油螺杆空压机 (5.5-250KW)
Permanent Magnet Water Lubricated Oil-free Screw Air Compressor (5.5-250KW)



产品特点 Product Feature

1. 纯无油设计，符合 ISO8573-1 CLASS0
   Pure oil-free design, compliant with ISO8573-1 CLASS0
2. 自主设计单螺杆主机，主机及系统采用不锈钢合金，质量稳定、可靠
   The single-screw air end is independently designed, and both the air end and the system are made of stainless steel alloy, ensuring stable and reliable quality
3. 高寒、高原地带可定做，可选配智能辅热系统
   In high-altitude and plateau regions, customization is available, and an intelligent auxiliary heating system can be optionally equipped
4. 使用压力范围更广：2 -40 bar Wider operating pressure range: 2 - 40 bar

规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

型号	功率 Power	排气压力 Pressure	排气量 Air Delivery	冷却水外径 Cooled water	冷却水量 Quantity of cooled water	润滑水量 Lubricated water	噪音 Noise	外形尺寸 Dimension	出口尺寸 Size	重量 Weight
MODEL	KW	Mpa	m³/min	Outlet/inlet	进水32℃ Inlet water 32 ℃ T/H	L	DB	长宽高 L*W*H (mm)	Outlet	KG
JMW-5.5APM	5.5	0.80	0.30-0.78	3/4“	1.5	10	57	800*800*1200	G3/4"	320
		1.00	0.20-0.65							
		1.25	/							
JMW-7.5APM	7.5	0.80	0.35-1.17	3/4"	2.0	10	57	800*800*1200	G3/4"	340
		1.00	0.30-1.05							
		1.25	0.24-0.81							
JMW-11APM	11	0.80	0.54-1.72	1"	2.5	26	60	1200*755*1130	G3/4"	400
		1.00	0.45-1.42							
		1.25	0.35-1.10							
JMW-15APM	15	0.80	0.75-2.43	1"	3.5	26	60	1200*755*1130	G3/4"	450
		1.00	0.65-2.17							
		1.25	0.60-1.80							
JMW-18.5APM	18.5	0.80	0.90-3.13	1"	4.0	30	63	1400*900*1285	G1"	640
		1.00	0.80-2.82							
		1.25	0.60-2.05							
JMW-22APM	22	0.80	1.10-3.70	1"	5.0	30	63	1400*900*1285	G1"	650
		1.00	0.97-3.21							
		1.25	0.85-2.78							
JMW-30APM JMW-30WPM	30	0.80	1.56-5.20	1 1/4"	7.0	40	65	1400*950*1390(A) 1500*1080*1300(W)	G1 1/4"	760
		1.00	1.25-4.43							
		1.25	1.10-3.63							
JMW-37APM JMW-37WPM	37	0.80	1.91-6.50	1 1/4"	9.0	40	65	1580*1000*1485(A) 1500*1080*1300(W)	G1 1/4"	880
		1.00	1.60-5.33							
		1.25	1.42-4.77							
JMW-45APM JMW-45WPM	45	0.80	2.50-8.30	2"	10.0	90	68	1800*1300*1680(A) 1800*1360*1670(W)	2"	1050
		1.00	1.91-6.30							
		1.25	1.70-5.56							
JMW-55APM JMW-55WPM	55	0.80	3.00-10.30	2"	12.0	100	68	2050*1300*1690(A) 1800*1360*1670(W)	2"	1100
		1.00	2.60-8.55							
		1.25	2.30-7.67							
JMW-75APM JMW-75WPM	75	0.80	3.95-13.00	2"	18.0	100	72	2180*1350*1705(A) 1800*1360*1670(W)	2"	1230
		1.00	3.40-11.50							
		1.25	3.40-11.50							
JMW-90APM JMW-90WPM	90	0.80	5.00-16.60	2"	20.0	120	72	2550*1500*1825(A) 2200*1560*1800(W)	2 1/2"	2080
		1.00	4.30-14.70							
		1.25	3.00-9.70							
JMW-110APM JMW-110WPM	110	0.80	6.00-20.20	2"	24.0	120	75	2550*1500*1825(A) 2200*1550*1800(W)	2 1/2"	2230
		1.00	5.00-16.70							
		1.25	3.72-12.60							
JMW-132APM JMW-132WPM	132	0.80	6.75-23.50	2"	30.0	120	75	2800*2130*1860(A) 2200*1550*1800(W)	2 1/2"	2360
		1.00	6.00-20.00							
		1.25	5.07-16.90							
JMW-160WPM	160	0.80	8.50-28.11	2"	35.0	160	77	2700*1800*1970	DN80	3900
		1.00	7.60-25.50							
		1.25	6.70-22.52							
JMW-185WPM	185	0.80	10.00-31.35	2"	38.0	160	77	2700*1800*1970	DN80	4050
		1.00	8.75-29.00							
		1.25	7.75-25.21							
JMW-200WPM	200	0.80	11.20-36.80	2"	42.0	200	78	2700*1800*1970	DN100	4200
		1.00	9.70-31.80							
		1.25	9.20-29.25							
JMW-220WPM	220	0.80	12.20-39.60	2"	47.0	200	79	2700*1800*1970	DN100	4400
		1.00	11.20-35.70							
		1.25	9.00-29.63							
JMW-250WPM	250	0.80	13.50-45.00	2"	53.0	200	79	2700*1800*1970	DN100	4800
		1.00	12.30-40.00							
		1.25	10.20-34.00							

低压无油螺杆 (30-185KW)
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.

型号	功率 Power	排气压力 Pressure	排气量 Air Delivery	冷却水外径 Cooled water	冷却水量 Quantity of cooled water	润滑水量 Lubricated water	噪音 Noise	外形尺寸 Dimension	出口尺寸 Size	重量 Weight
MODEL	KW	Mpa	m³/min	Outlet/inlet	进水32℃ Inlet water 32 ℃ T/H	L	DB	长宽高 L*W*H (mm)	Outlet	KG
JMW-30A JMW-30W	30	0.40	6.70	1 1/2“	7.0	50	65	1650*1180*1505(A) 1500*1080*1300(W)	2"	1200
JMW-37A JMW-37W	37	0.40	8.60	1 1/2"	9.0	60	65	1650*1180*1505(A) 1500*1080*1300(W)	2 1/2"	1300
JMW-45W	45	0.40	10.50	1 1/2“	10.0	120	68	1800*1360*1670	2 1/2"	1500
JMW-55W	55	0.40	13.50	1 1/2"	12.0	160	68	1800*1360*1670	2 1/2"	1670
JMW-75W	75	0.40	19.90	1 1/2“	18.0	160	72	1800*1360*1670	3"	1300
JMW-90W	90	0.40	23.00	1 1/2"	20.0	180	72	2200*1550*1800	3"	2550
JMW-110W	110	0.40	28.20	2"	24.0	180	77	2200*1550*1800	4"	2600
JMW-132W	132	0.40	30.00	2"	30.0	180	77	2200*1550*1800	4"	2800
JMW-160W	160	0.40	36.00	3"	35.0	230	80	3000*1800*2100	5"	4000
JMW-185W	185	0.40	42.00	3"	38.0	230	80	3000*1800*2100	5"	4350

中压无油螺杆空压机 (37-242KW)
Middle Pressure Oil-free Screw Air Compressor (37-242KW)

规 格 参 数 表 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

型号	功率 Power	电机转速 Speed	排气压力 Pressure	排气量 Air Delivery	冷却水外径 Cooled water	冷却水量 Quantity of cooled water	润滑水量 Lubricated water	噪音 Noise	外形尺寸 Dimension	重量 Weight
MODEL	KW	RPM	Mpa	m³/min	Outlet/inlet	进水32℃ Inlet water 32 ℃ T/H	L	DB	长宽高 L*W*H (mm)	KG
JMW-44A	22+22	3000+2200	2.0-3.0	3.20	2“	10.0	50	65	1800*1380*1500	1200
JMW-60A	30+30	3000+2700	2.0-3.0	5.10	2"	18.0	60	70	2000*1500*1630	1700
JMW-67W	37+30	3000+2200	2.0-3.0	6.50	2“	18.0	86	70	2000*1500*1630	1900
JMW-74W	37+37	3000+2200	3.0-4.0	6.50	2"	18.0	86	70	2000*1500*1630	1900
JMW-82W	45+37	3000+2400	2.0-3.0	7.80	2“	28.0	130	72	2650*1710*1700	2300
JMW-90W	45+45	3000+2400	3.0-4.0	7.80	2"	28.0	130	72	2650*1710*1700	2380
JMW-100W	55+45	3000+2700	2.0-3.0	10.00	2"	28.0	140	72	2650*1710*1700	2500
JMW-110W	55+55	3000+2700	3.0-4.0	10.00	2"	28.0	140	72	2650*1710*1700	2700
JMW-130W	75+55	3000+3000	2.0-3.0	12.50	2"	28.0	150	72	2650*1710*1700	3000
JMW-150W	75+75	3000+3000	3.0-4.0	12.50	2"	28.0	150	72	2650*1710*1700	3080
JMW-165W	90+75	2400+2400	2.0-3.0	16.00	2“	38.0	170	74	3000*1600*1860	3500
JMW-180W	90+90	2400+2400	3.0-4.0	16.00	2"	38.0	170	74	3000*1600*1860	3600
JMW-180W	90+90	3000+2800	2.0-3.0	20.00	2"	47.0	170	74	3000*1600*1860	3700
JMW-200W	110+90	3000+2800	3.0-4.0	20.00	2"	47.0	170	74	3000*1600*1860	3800
JMW-200W	110+90	3000+3000	2.0-3.0	23.00	2"	53.0	170	76	3000*1600*1860	4000
JMW-242W	132+110	3000+3000	3.0-4.0	23.00	2"	53.0	170	76	3000*1600*1860	4200

特种工艺压缩机
Oil-free screw air compressor for special purpose



特种、工艺气体压缩机特点：
最新一代喷水无油螺杆机；
接近等温压缩所具有的低温特性（主机温度小于60℃）；
全不锈钢主机（主机螺杆、主机壳体都是不锈钢材质）耐腐蚀特性；
高效全密封系统（采用进口的机械密封及迷宫密封）不泄露的特性；
主机内压缩腔运行不存在金属与金属之间的接触；
采用纯净水密封、润滑、冷却，能更好的适应各种气体压缩的要求，尤其是需要防爆的要求场合；
拥有自主知识产权，可根据客户要求订制压缩机, 已成功开发：汽油气压缩机、沼气压缩机、氮气压缩机、氧气压缩机等特殊气体压缩机。

Characteristics of the latest 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℃);
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, special 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.





干式无油螺杆空压机 (37-560KW)
Dry Oil-free Screw Air Compressor (37-560KW)

主要部件 Main components



主机可选：GHH 或者国内
压缩腔与油腔完全分离，两者不接触。
二级转子采用不锈钢材质，更可靠。
在主机的转子和压缩腔内壁涂了业内一流的超级涂层(UITRACOAT)。能有效防止特氟隆等一般涂层容易发生的软化、脱落等现象。具有优秀的防腐和减少啮合间隙的作用。

Optional: Industry leading GHH oil-free air end / domestic air end
The air compression chamber and the oil chamber are completely separated and do not come into contact with each other.
The rotors are made of stainless steel material, which is more reliable.
The rotor and compression chamber walls of the air end is coated with industry-leading super coating (UITRACOAT). It can effectively prevent from softening, peeling and other phenomena that are prone to occur when using general coatings such as Teflon. excellent anti-corrosion properties and reduces meshing gaps.



永磁变频电控系统
大尺寸彩色液晶触摸屏，拥有良好人机交流界面；定制矢量变频器，与电机完美匹配；专用程序，完全监控机器的各项参数，自动控制机器状态，无需专人看管；独立风道设计，适用各种工况。

Permanent magnet variable frequency control system
Large size color LCD touch screen with excellent human-machine communication interface;
Customized vector frequency converter, perfectly matched with the motor;
A dedicated program that fully monitors the various parameters of the machine, automatically controls the machine status, and does not require dedicated supervision;
Independent air duct design, suitable for various working conditions.



独立进风系统
独立进风，保证进气温度等同于环境温度。选用大余量空滤，过滤效果更好，进气压损更低，节能高效。保养更换更加方便。

Independent air intake system
Independent air intake ensures that the intake temperature is equal to the ambient temperature.
Choosing a large surplus air filter results in better filtration efficiency, lower intake pressure loss, and energy efficiency.
Maintenance and replacement are more convenient.



降噪钣金设计
多重降噪设计，根据噪声学进行计算，内部贴专用阻燃消音棉，降低机组噪音，提供更加安静的使用环境。

Noise reduction sheet metal design
Multiple noise reduction design, calculated based on noise theory, with dedicated flame-retardant sound-absorbing cotton pasted inside to reduce unit noise and provide a quieter usage environment.



静音离心风机
干式螺杆空压机采用最新型离心风机，冷却风量大，噪音低，风压平稳，均匀，使冷却器散热面积得到充分利用，并大幅降低空压机噪音。

Silent centrifugal fan
The dry oil-free screw air compressor adopts the latest centrifugal fan with large cooling air volume, low noise, stable and uniform air pressure, which fully utilizes the cooling area of the cooler and significantly reduces the noise level.



高效水冷却器
管巢为新型梅花型铜管，较常规的水冷换热器而言，优点如下:
冷却水走壳程，经过多组折流部件，其紊流程度提高，附着管壁的污垢形成概率减小,，降低用户的维护成本；
气体走管程且翅片在管内沿轴向延伸，使用安全可靠，翅片不易脱落；
管巢可独立拆卸，方便用户维护保养 ；
压缩空气走管程，水走壳程，降低压缩空气所产生的噪音。

Efficient water cooler
The tube nest is a new type of plum blossom shaped copper tube, which has the following advantages over conventional water-cooled heat exchangers:
The cooling water flows through the shell side and passes through multiple sets of baffle components, which increases the turbulence level and reduces the probability of dirt formation on the pipe wall, thereby reducing maintenance costs for users;
The gas flows through the tube and the fins extend axially inside the tube, making it safe and reliable to use, and the fins are not easily detached;
The tube nest can be independently disassembled, making it convenient for users to maintain and upkeep;
Compressed air flows through the pipe and water flows through the shell to reduce the noise generated by compressed air.



降噪文丘里管
空压机一级主机、二级主机全部采用最新研发的文丘里管式消音器外，还有阻抗一体式消音器，能极大的消除压缩机管道所发出的噪音。

Noise reducing Venturi tube
The first and second stage engines of the air compressor are equipped with the latest developed Venturi tube muffler, as well as an impedance integrated muffler, which can greatly eliminate the noise emitted by the compressor pipeline.



可靠的进气系统
高效进气阀，工作更加稳定可靠，避免了对于气动元件的定期替换，降低了不必的停机时间和维护保养费用。

Reliable intake system
Efficient intake valve ensures more stable and reliable operation, avoiding regular replacement of pneumatic components and reducing unnecessary downtime and maintenance costs.

工频干式无油螺杆空压机(37-560KW)
Fixed Frequency Dry Oil-free Screw air compressor (37-560KW)

采用德国技术无油主机（国产主机可选），是一款通过德国 TUV CLASS 0 无油认证的高环保、高能效的干式无油螺杆压缩机。

Adopting German technology (domestic air end optional), it is a highly environmentally friendly and energy-efficient dry oil-free screw compressor certified by TUV CLASS 0.

德国进口主机（国产主机可选）
Imported air end from German China air end

全不锈钢设计
Totally stainless steel design

德国莱茵 0 级无油认证
TUV Rheinland Level 0 Oil Free Certification

高效气水分离
Efficient gas water separation

YE3
永磁同步电机效率达到 IE5 级别
YE5 high-efficiency motor

无气耗油雾分离
Air consumption free oil mist separation

低压损大空滤设计
Low pressure loss, large air filter design

静音离心风机设计
Design of Silent Centrifugal Fan







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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	外形尺寸 Dimension 长宽高 L*W*H (mm)	噪音 Noise DB	出口尺寸 Size Outlet	重量 Weight KG
JMW-37A JMW-37W	37	0.7 0.8 1.0	/ 5.6 /	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1900
JMW-45A JMW-45W	45	0.7 0.8 1.0	7.8 6.8 6.4	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1950
JMW-55A JMW-55W	55	0.7 0.8 1.0	9.8 9.0 7.8	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	2000
JMW-75A JMW-75W	75	0.7 0.8 1.0	13.0 12.2 11.2	2200*1400*2000(A) 2200*1500*1720(W)	71±2	DN50	2200
JMW-90A JMW-90W	90	0.7 0.8 1.0	16.0 13.8 13.1	2200*1400*2000(A) 2200*1500*1720(W)	71±2	DN50	2300
JMW-110A JMW-110W	110	0.7 0.8 1.0	20.6 19.5 18.8	3000*1990*2180(A) 2800*1900*1990(W)	71±2	DN65	3400
JMW-132A JMW-132W	132	0.7 0.8 1.0	24.8 23.0 19.5	3000*1990*2180(A) 2800*1900*1990(W)	73±2	DN65	2900
JMW-160A JMW-160W	160	0.7 0.8 1.0	28.5 26.3 23.8	3000*1990*2180(A) 2800*1900*1990(W)	73±2	DN65	3750 3850
JMW-185A JMW-185W	185	0.7 0.8 1.0	32.8 28.9 27.5	3000*1990*2180(A) 2800*1900*1990(W)	74±2	DN65	3860 3960
JMW-200A JMW-200W	200	0.7 0.8 1.0	36.8 34.6 30.6	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	5730 5230
JMW-220A JMW-220W	220	0.7 0.8 1.0	41.5 37.3 33.0	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	6000 5500
JMW-250A JMW-250W	250	0.7 0.8 1.0	46.0 42.8 38.2	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	6400 6000
JMW-280A JMW-280W	280	0.7 0.8 1.0	48.6 47.5 45.0	4500*2000*2150(A) 3100*2200*2105(W)	78±2	DN100	6500 6100
JMW-315A JMW-315W	315	0.7 0.8 1.0	52.5 50.6 48.5	4500*2000*2150(A) 3100*2200*2105(W)	78±2	DN100	6600 6200
JMW-355A JMW-355W	355	0.7 0.8 1.0	65.0 59.0 52.2	/ 5000*2400*2400(W)	78±2	DN150	/ 6250
JMW-400A JMW-400W	400	0.7 0.8 1.0	75.5 67.0 59.0	/ 5000*2400*2400(W)	78±2	DN150	/ 6300
JMW-450A JMW-450W	450	0.7 0.8 1.0	78.5 77.3 66.5	/ 5000*2400*2400(W)	80±2	DN150	/ 6800
JMW-500A JMW-500W	500	0.7 0.8 1.0	86.2 85.3 78.0	/ 5000*2400*2400(W)	80±2	DN150	/ 7200
JMW-560A JMW-560W	560	0.7 0.8 1.0	/ / 85.0	/ 5000*2400*2400(W)	80±2	DN150	/ 7200

变频干式无油螺杆空压机(37-315KW)
PM Dry Oil-free Screw air compressor (37-315KW)

采用德国技术无油主机（国产主机可选），是一款通过德国 TUV CLASS 0 无油认证的高环保、高能效的干式无油螺杆压缩机。

Adopting German technology (domestic air end optional), it is a highly environmentally friendly and energy-efficient dry oil-free screw compressor certified by TUV CLASS 0.

德国进口主机（国产主机可选）
Imported air end from German
China air end

全不锈钢设计
Totally stainless steel design

德国莱茵 0 级无油认证
TUV Rheinland Level 0 Oil Free
Certification

高效气水分离
Efficient gas water separation

永磁同步电机效率达到 IE5 级别
YE5 high-efficiency motor

无气耗油雾分离
Air consumption free oil mist separation

低压损大空滤设计
Low pressure loss, large air filter design

静音离心风机设计
Design of Silent Centrifugal Fan







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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	外形尺寸 Dimension 长宽高 L*W*H (mm)	噪音 Noise DB	出口尺寸 Size Outlet	重量 Weight KG
JMW-37APM JMW-37WPM	37	0.7	/	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1900
		0.8	3.6-5.6				
		1.0	/				
JMW-45APM JMW-45WPM	45	0.7	4.5-7.8	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1850
		0.8	4.0-6.8				
		1.0	3.7-6.4				
JMW-55APM JMW-55WPM	55	0.7	5.7-9.8	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1950
		0.8	5.2-9.0				
		1.0	4.4-7.8				
JMW-75APM JMW-75WPM	75	0.7	7.6-13.0	2200*1400*2000(A) 2200*1500*1720(W)	71±2	DN50	2000
		0.8	7.2-12.2				
		1.0	6.6-11.2				
JMW-90APM JMW-90WPM	90	0.7	9.6-16.0	2200*1400*2000(A) 2200*1500*1720(W)	71±2	DN50	2100
		0.8	8.1-13.8				
		1.0	7.6-13.1				
JMW-110APM JMW-110WPM	110	0.7	12.1-20.6	3000*1990*2180(A) 2800*1900*1990(W)	71±2	DN65	3100
		0.8	11.6-19.5				
		1.0	11.1-18.8				
JMW-132APM JMW-132WPM	132	0.7	14.7-24.8	3000*1990*2180(A) 2800*1900*1990(W)	73±2	DN65	3200
		0.8	13.6-23.0				
		1.0	11.5-19.5				
JMW-160APM JMW-160WPM	160	0.7	16.9-28.5	3000*1990*2180(A) 2800*1900*1990(W)	73±2	DN65	3300
		0.8	15.8-26.3				
		1.0	14.1-23.8				
JMW-185APM JMW-185WPM	185	0.7	19.5-32.8	3000*1990*2180(A) 2800*1900*1990(W)	74±2	DN65	3400 3500
		0.8	17.1-28.9				
		1.0	16.3-27.5				
JMW-200APM JMW-200WPM	200	0.7	21.8-36.8	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	5570 5000
		0.8	20.4-34.6				
		1.0	18.1-30.6				
JMW-220APM JMW-220WPM	220	0.7	24.9-41.5	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	5600 5100
		0.8	22.4-37.3				
		1.0	19.8-33.0				
JMW-250APM JMW-250WPM	250	0.7	27.3-46.0	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	5800 5200
		0.8	25.3-42.8				
		1.0	22.7-38.2				
JMW-280APM JMW-280WPM	280	0.7	34.1-48.6	4500*2000*2150(A) 3100*2200*2105(W)	78±2	DN100	5900 5300
		0.8	30.9-47.5				
		1.0	29.3-45.0				
JMW-315APM JMW-315WPM	315	0.7	34.1-52.5	4500*2000*2150(A) 3100*2200*2105(W)	78±2	DN100	6000 5400
		0.8	33.0-50.6				
		1.0	31.5-48.5				

无油涡旋空压机(2.2-55KW)
Oil-free Scroll Air Compressor (2.2-55KW)



产品特点 Product Feature

- 纯无油设计，符合 ISO8573-1 CLASS0
  Pure oil-free design, compliant with ISO8573-1 CLASS0
- 耐用，长期运行排气几乎无衰减
  Durable, with almost no attenuation in exhaust over long-term operation
- 由于搭载多台涡旋主机，即使一台主机异常，其他主机可正常运行，无需备机 Due to the installation of multiple scroll compressors, even if one compressor is abnormal, the other compressors can operate normally, eliminating the need for a standby compressor

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	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	主机数量 Qty of air end	外形尺寸 Dimension 长宽高 L*W*H (mm)	噪音 Noise DB	出口尺寸 Size Outlet	重量 Weight KG
JMW-3.7A	3.7	0.8	0.40	3.7*1	610*730*930	55±2	G3/4"	200
		1.0	0.33					
JMW-5.5A	5.5	0.8	0.60	5.5*1	610*730*930	55±2	G3/4"	220
		1.0	0.49					
JMW-7.5A	7.5	0.8	0.80	7.5*1	610*730*930	55±2	G3/4"	241
		1.0	0.70					
JMW-7.5A	7.5	0.8	0.80	3.7*2	1140*700*1100	60±2	G1"	350
		1.0	0.66					
JMW-11A	11	0.8	1.20	5.5*2	1140*700*1100	60±2	G1"	400
		1.0	0.98					
JMW-15A	15	0.8	1.60	7.5*2	1140*700*1100	62±2	G1"	420
JMW-16.5A	16.5	0.8	1.80	5.5*3	1140*700*1100	62±2	G1"	500
		1.0	1.50					
JMW-22A	22	0.8	2.40	5.5*4	1550*1140*1100 1140*700*1850(四层)	65±2	G1"	800 720
		1.0	2.00					
JMW-22.5A	22.5	0.8	2.40	7.5*3	1140*700*1575	65±2	G1"	550
JMW-27.5A	27.5	0.8	3.00	5.5*5	1550*1140*1575	65±2	G1"	880
		1.0	2.50					
JMW-30A	30	0.8	3.20	7.5*4	1550*1140*1100 1140*700*1850(四层)	68±2	G1"	850 770
JMW-33A	33	0.8	3.60	5.5*6	1550*1140*1575	65±2	G1"	1200
		1.0	3.00					
JMW-37.5A	37.5	0.8	4.00	7.5*5	1550*1140*1575	68±2	G2"	1150
JMW-38.5A	38.5	0.8	4.20	5.5*7	2150*1450*1630	68±2	G2"	1400
		1.0	3.50					
JMW-44A	44	0.8	3.20	5.5*8	2150*1450*1630 1550*1140*1850(四层)	68±2	G2"	1520 1440
		1.0	2.80					
JMW-45A	45	0.8	4.80	7.5*6	1550*1140*1575	68±2	G2"	1250
JMW-49.5A	49.5	0.8	5.40	5.5*9	2150*1450*1630	68±2	G2"	1650
		1.0	4.50					
JMW-52.5A	52.5	0.8	5.60	7.5*7	1550*1140*1575	68±2	G2"	1600
JMW-55A	55	0.8	6.00	5.5*10	2150*1450*1900 (四层)	68±2	G2"	1750
		1.0	5.00					
JMW-60A	60	0.8	6.40	7.5*8	2150*1450*1900 (四层)	68±2	G2"	1950
JMW-66A	66	0.8	7.20	5.5*12	1650*1550*1950 1500*1360*1940	68±2	G2"	1500 1265
		1.0	6.00					
JMW-67.5A	67.5	0.8	7.20	7.5*9	2150*1450*1630	68±2	G2"	1900
JMW-75A	75	0.8	8.00	7.5*10	2150*1450*1900 (四层)	68±2	G2 1/2"	2050
JMW-82.5A	82.5	0.8	8.80	7.5*11	2150*1450*1900 (四层)	68±2	G2 1/2"	2180
JMW-90A	90	0.8	9.60	7.5*12	2150*1450*1900 (四层)	68±2	G2 1/2"	2310

一体式无油涡旋空压机(2.2-16.5KW)
Integrated Oil-free Scroll Air Compressor(2.2-16.5KW)



产品特点 Product Feature

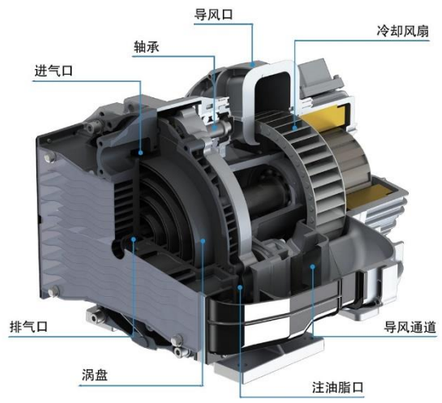
纯无油设计，符合 ISO8573-1 CLASS0 Pure oil-free design, compliant with ISO8573-1 CLASS0

- 集涡旋机、储气罐、过滤器、冷干机或干燥机于一体
  Integrating a scroll machine, gas storage tank, filter, refrigerated dryer, or dryer into one unit
- 结构紧凑、安装方便、重量轻、噪音低
  Compact structure, easy to install, lightweight, and low noise

规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

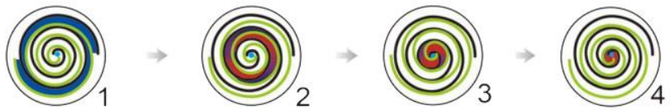
型号 Model	功率 Power KW	排气压力 Pressure Mpa	排气量 Air Delivery m³/min	主机数量 Qty of air end	储气罐容积 Tank volume L	外形尺寸 Dimension 长宽高 L*W*H (mm)	噪音 Noise DB	出口尺寸 Size Outlet	重量 Weight KG
JMW-3.7A	3.7	0.80	0.40	04*1	200	1300*840*1555 (外置) 1750*820*1700 (内置)	55±2	G3/4"	300 350
		1.00	0.33						
JMW-5.5A	5.5	0.80	0.60	06*1	200	1300*840*1555 (外置) 1750*820*1700 (内置)	55±2	G3/4"	320 380
		1.00	0.49						
JMW-7.5A	7.5	0.80	0.80	08*1	200	1300*840*1555 (外置)	55±2	G3/4"	340
		1.00	0.70						
JMW-7.5A	7.5	0.80	0.76	04*2	200	1750*820*1700 (内置)	63±2	G3/4"	480
		1.00	0.70						
JMW-11A	11	0.80	1.20	06*2	200	1750*820*1700 (内置)	55±2	G3/4"	520
		1.00	0.98						

涡旋主机剖面图 Sectional drawing of scroll compressor



压缩过程 Compression process

5. 旋转涡盘按图 1-2-3-4 的顺序旋转 The rotating scroll rotates in the order of 1-2-3-4 as shown in the figure
6. 空气经压缩后，从中心部位排气口排出 After being compressed, the air is discharged from the exhaust port at the central part
7. 月牙状的压缩室容积慢慢变小 The crescent-shaped compression chamber gradually reduces in volume
8. 空气再次被循环压缩 The air is compressed again through circulation



无油螺杆鼓风机 (5.5-400KW)
Oil-free Screw air compressor (5.5-400KW)



产品特点 Product Feature

- **Class 0 无油**
  特殊迷宫密封，确保压缩腔体内完全无油
- **低能耗**
  无油螺杆鼓风机基于绝热压缩原理，总效率超过 75%，比罗茨风机效率高 20-35%，排气量更大，气压更稳
- **低噪音**
  比传统罗茨风机，螺杆转子的气动噪音更小，输出更平稳
- **智能控制**
  智能 PLC 控制，远程控制，实时运行数据显示

广泛应用于污水处理、纺织、化纤、医药、造纸、钢铁、发电、水泥、玻璃、煤矿、粮食、石化、汽车喷涂等行业。

Class 0: Oil-free
The special labyrinth seal ensures complete absence of oil within the compression chamber

Low energy consumption
Based on the adiabatic compression principle, the oil-free screw blower boasts a total efficiency exceeding 75%, which is 20-35% higher than that of a Roots blower. It features a larger exhaust volume and more stable air pressure
Low noise
Compared to traditional Roots blowers, the pneumatic noise of the screw rotor is lower, and the output is smoother
Intelligent control
Intelligent PLC control, remote control, real-time operation data display
It is widely used in various industries such as wastewater treatment, textiles, chemical fibers, pharmaceuticals, steel, paper making, power generation, cement, glass, coal mining, food processing, petrochemicals, and automotive painting.

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	功率 Power KW	排气压力 Pressure (Bar/Kpa)	排气量 Air Delivery m³/min	外形尺寸 Dimension L*W*H (mm)	出口尺寸Size Outlet	重量 Weight KG
JMB-5.5APM	5.5	0.4/40	4.0	1400*1100*1360	DN150	700
		0.6/60	3.2			
JMB-7.5APM	7.5	0.4/40	6.4	1400*1100*1360	DN150	750
		0.6/60	4.6			
		0.8/80	3.5			
JMB-11APM	11	0.4/40	9.0	1400*1100*1360	DN150	800
		0.6/60	7.5			
		0.8/80	6.0			
		1.0/100	4.8			
		1.2/120	4.0			
		1.5/150	2.8			
JMB-15APM	15	0.4/40	13.6	2200*1250*1900	DN150	1200
		0.6/60	10.5	1400*1100*1360	DN150	800
		0.8/80	8.3			
		1.0/100	6.7			
		1.2/120	5.8			
		1.5/150	4.5			
JMB-18.5APM	18.5	0.4/40	16.2	2200*1250*1900	DN150	1250
		0.6/60	13.1			
		0.8/80	10.3	1400*1100*1360	DN150	800
		1.0/100	9.2			
		1.2/120	7.5			
		1.5/150	6.0			
JMB-22APM	22	0.4/40	22.0	2200*1250*1900	DN150	1250
		0.5/50	19.0			
		0.6/60	16.0			
		0.7/70	14.5			
		0.8/80	13.0			
		1.0/100	9.5	1400*1100*1360	DN150	850
		1.2/120	8.8			
		1.3/130	8.3			
		1.5/150	7.0			
JMB-30APM	30	0.4/40	29.0	2700*1400*1900	DN200	1750
		0.6/60	26.0	2200*1250*1900	DN150	1250
		0.7/70	23.5			
		0.8/80	21.5			
		1.0/100	15.8			
		1.2/120	12.5			
		1.7/170	7.5	1400*1100*1360	DN150	800
JMB-37APM	37	0.4/40	38.0	2700*1400*1900	DN200	1750
		0.5/50	35.0			
		0.6/60	32.0			
		0.8/80	26.0	2200*1250*1900	DN150	1350
		1.0/100	21.5			
		1.2/120	15.5			
		1.5/150	12.5			
JMB-45APM	45	0.4/40	44.0	2700*1400*1900	DN200	1750
		0.5/50	42.0			
		0.6/60	38.0			
		0.8/80	33.5			
		1.0/100	26.0	2200*1250*1900	DN150	1400
		1.2/120	21.0			
		1.5/150	15.5			
		2.0/200	10.5			

JMB-55APM	55	0.4/40	58.0	3100*1500*2150	DN250	2200
		0.6/60	48.0	2700*1400*1900	DN200	1800
		0.7/70	44.0			
		0.8/80	41.5			
		1.0/100	35.0			
		1.2/120	31.0			
		1.5/150	25.0	2200*1250*1900	DN150	1350
		1.8/180	23.0			
		2.0/200	21.0			
JMB-75APM	75	0.4/40	78.0	3100*1500*2150	DN250	2200
		0.6/60	68.0			
		0.7/70	61.0			
		0.8/80	55.0	2700*1400*1900	DN200	1800
		0.9/90	51.0			
		1.0/100	47.0			
		1.2/120	42.5			
		1.5/150	34.0			
		1.8/180	27.0			
		2.0/200	24.5	2200*1250*1900	DN150	1350
JMB-90APM	90	0.4/40	98.0	3300*1750*2350	DN300	2550
		0.6/60	78.0	3100*1500*2150	DN250	2200
		0.8/80	68.0			
		1.0/100	61.0			
		1.2/120	49.0	2700*1400*1900	DN200	1850
		1.5/150	42.0			
		1.8/180	34.0			
		2.0/200	30.5			
JMB-110APM	110	0.4/40	113.0	3300*1750*2350	DN300	2600
		0.5/50	102.0			
		0.6/60	98.0			
		0.7/70	87.0			
		1.0/100	67.5	3100*1500*2150	DN250	2250
		1.2/120	60.0			
		1.5/150	51.0			
		1.8/180	41.5			
		2.0/200	37.5			
JMB-132APM	132	0.6/60	112.0	3300*1750*2350	DN300	2600
		0.8/80	97.0			
		1.0/100	81.0			
		1.1/110	73.0			
		1.2/120	71.0	3100*1500*2150	DN250	2300
		1.5/150	58.0			
		1.8/180	50.0			
		2.0/200	42.0			
JMB-160APM	160	0.4/40	180.0	3600*2100*2350	DN300	3500
		0.6/60	130.0			
		0.8/80	111.0	3300*1750*2350	DN300	2750
		1.0/100	101.0			
		1.1/110	89.0			
		1.2/120	80.0			
		1.5/150	70.0			
		1.8/180	63.0	3100*1500*2150	DN250	2300
		2.0/200	55.0			
JMB-185APM	185	0.4/40	203.0	3600*2100*2350	DN300	3500
		0.6/60	154.0			
		0.8/80	129.0			
		1.0/100	110.0	3300*1750*2350	DN300	2800
		1.2/120	96.0			
		1.5/150	83.0			
		2.0/200	60.0	3100*1500*2150	DN250	2300
JMB-200APM	200	0.5/50	195.0	3600*2100*2350	DN300	3600
		0.6/60	177.0			
		0.8/80	144.0			
		1.2/120	110.0	3300*1750*2350	DN300	2800
		1.5/150	90.0			
		1.8/180	77.0			
		2.0/200	66.0			
JMB-220APM	220	0.8/80	159.0	3600*2100*2350	DN300	3600
		1.5/150	100.0	3300*1750*2350	DN300	2800
		1.8/180	86.0			
		2.0/200	76.0			
JMB-250APM	250	0.6/60	220.0	3600*2100*2400	DN300	3800
		0.8/80	182.0			
		1.0/100	150.0			
		1.2/120	125.0	3300*1750*2350	DN300	2700
		1.5/150	108.0			
		1.8/180	96.0			
		2.0/200	85.0			
JMB-280APM	280	0.8/80	206.0	3600*2100*2400	DN300	3900
		1.0/100	178.0			
		1.1/110	162.0			
		1.2/120	148.0			
		2.0/200	95.0	3300*1750*2350	DN300	2700
JMB-315APM	315	1.0/100	195.0	3600*2100*2400	DN300	4000
		1.2/120	170.0			
		1.5/150	130.0			
JMB-355APM	355	1.2/120	192.0	3600*2100*2400	DN300	4100
		1.5/150	160.0			
JMB-400APM	400	1.5/150	188.0	3600*2100*2400	DN300	4200

螺杆真空泵 (5.5-90KW)
Screw Vacuum Pump (5.5-90KW)



产品特点 Product Features

适用多种场合 Suitable for various applications

真空泵应用场合广泛：包括塑料、玻璃、装瓶、罐装、包装、印刷、电子、半导体、造纸以及肉类包装等机械设备。

Vacuum pumps are widely used in various applications, including machinery and equipment for plastics, glass, bottling, canning, packaging, printing, electronics, semiconductors, paper making, and meat packaging.

永磁变频螺杆真空泵优势 Advantages of permanent magnet variable frequency screw vacuum pump

与油润滑和干片式真空泵相比，有优越的性能和成本优势。Compared to oil-lubricated and dry-type vacuum pumps, it offers superior performance and cost advantages.

更高的效率，永磁一体变频驱动设计，结构更加紧凑，能效更高，可达节能 50%。With higher efficiency, the integrated permanent magnet variable frequency drive design features a more compact structure and higher energy efficiency, achieving up to 50% energy savings.

运行平稳，噪音水平远远低于其它同类产品。It operates smoothly, with a noise level significantly lower than that of other similar products.





螺杆真空泵机体采用 BS 新型机体

The body of the screw vacuum pump adopts the BS new type body

新型的螺杆型线设计，永磁一体结构，性能提升

New screw profile design, integrated permanent magnet structure, improved performance

稳定高效，适用于多种复杂工况

Stable and efficient, suitable for various complex working conditions

新型设计，性能更优

New design, superior performance

使用方便，维护简单 Easy to use, simple to maintain

采用高效真空过滤器，能更加有效去除杂质，保护泵体。Using an efficient vacuum filter can more effectively remove impurities and protect the pump body.

采用更优化设计，使更换滤芯更为方便。Adopting a more optimized design makes it easier to replace the filter element.

油气分离器的顶盖设计独特，采用“H”型结构设计，可以使冷凝水在排气管道出口处收集，通过设备外罩排出。

The top cover of the oil-gas separator is uniquely designed with an "H" type structure, which allows condensate water to be collected at the outlet of the exhaust pipe and discharged through the equipment cover.

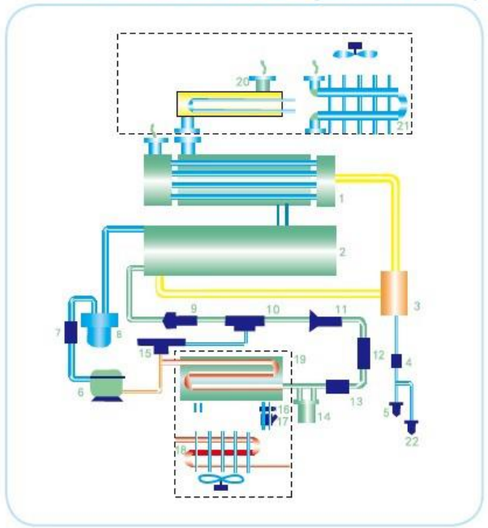
规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

型号 Model	功率 Power KW	极限真空度 Max. Vacuum mbar (a)	最大抽度 Max. Capacity m³/min	进气口尺寸 Inlet Connection mm	排气口尺寸 Outlet Connection mm	外形尺寸 Dimension L*H*W, mm	重量 Weight KG
JMV-5.5APM	5.5	0.7	7.0	DN100	DN80	1480*1000*1350	870
JMB-7.5APM	7.5	0.7	9.5	DN100	DN80	1480*1000*1350	870
JMB-11APM	11	0.7	12.2	DN100	DN80	1550*1060*1450	930
JMB-15APM	15	0.7	15.0	DN100	DN80	1550*1060*1450	980
JMB-18.5APM	18.5	0.7	17.5	DN125	DN100	1600*1300*1700	1500
JMB-22APM	22	0.7	23.3	DN125	DN100	1600*1300*1700	1550
JMB-30APM	30	0.7	27.0	DN125	DN100	1600*1560*1700	1650
JMB-37APM	37	0.7	30.0	DN125	DN100	1600*1560*1700	1700
JMB-45APM	45	0.7	43.3	DN200	DN150	2860*1750*2050	1900
JMB-55APM	55	0.7	61.0	DN200	DN150	2860*1750*2050	2000
JMB-75APM	75	0.7	75.0	DN250	DN200	3300*2200*2250	3000
JMB-90APM	90	0.7	85.0	DN250	DN200	3300*2200*2250	3100

压缩空气净化设备 Compressed air purification equipment

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-cooled
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 type) ≦80℃ (High TEMP)
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)
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
冷却水进水压力 Cooling water Inlet pressure	0.2-0.4 Mpa

冷冻空气干燥器降低压缩空气的温度，迫使水分凝结。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. 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.

常温/高温风冷型冷干机 Normal / High Temperature Air-cooled Refrigerated Air Dryer



工况条件 Working Condition

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

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	空气处理量 Air Capacity m³/min	电源 Voltage/Hz	压缩机功率 Compressor Power	风扇功率 Fan Power (W)	接管口径 Connection Inlet/outlet	外形尺寸 Dimension, mm 长宽高L*W*H	设备重量 Weight(KG)
JMAD-1NTA JMAD-1HTA	1.5 1.6	220V/1Ph/50Hz	0.5 0.7	80 95	ZG1"	665*425*560(NT) 750*420*730(HT)	37 45
JMAD-2NTA JMAD-2HTA	2.5	220V/1Ph/50Hz	0.7 0.9	95 120	ZG1" ZG1 1/2"	750*420*730(NT) 800*440*800(HT)	45 60
JMAD-3NTA JMAD-3HTA	3.5 3.8	220V/1Ph/50Hz	0.9 1.0	120 240	ZG1 1/2"	800*440*800(NT) 923*500*910(HT)	60 80
JMAD-5NTA JMAD-5HTA	5.5	220V/1Ph/50Hz	1.0 1.2	240	ZG1 1/2"	923*500*910	76 80
JMAD-6NTA JMAD-6HTA	6.5 6.8	220V/1Ph/50Hz	1.0 1.6	240 300	ZG1 1/2" ZG2"	923*500*910(NT) 995*585*1080(HT)	80 90
JMAD-8NTA JMAD-8HTA	8.5	220V/1Ph/50Hz	1.6 1.8	300	ZG2"	995*585*1080	90 95
JMAD-10NTA JMAD-10HTA	11.5	220V/1Ph/50Hz	2.0	380	ZG2 1/2"	1125*625*1045	120 150
JMAD-13NTA JMAD-13HTA	13.5	380V/3Ph/50Hz	3.0	400 420	ZG2 1/2"	1125*625*1045	150
JMAD-15NTA JMAD-15HTA	16.5	380V/3Ph/50Hz	3.1	480	ZG2 1/2" DN65	1120*700*1230	190
JMAD-20NTA JMAD-20HTA	22	380V/3Ph/50Hz	3.68 4.5	480 600	DN80	1500*750*1335(NT) 1300*750*1230(HT)	220 260
JMAD-25NTA JMAD-25HTA	27	380V/3Ph/50Hz	4.41 4.5	480 600	DN80	1700*750*1395(NT) 1300*750*1230(HT)	270 280
JMAD-30NTA JMAD-30HTA	35 34	380V/3Ph/50Hz	5.15 6.9	720 750	DN100	1770*850*1445(NT) 1600*820*1520(HT)	360 390
JMAD-40NTA JMAD-40HTA	45	380V/3Ph/50Hz	6.62 9.2	720 1080	DN100	1950*900*1560(NT) 1800*820*1560(HT)	490 420
JMAD-50NTA JMAD-50HTA	55	380V/3Ph/50Hz	8.82 11	720 2020	DN125 DN100	1950*1050*1600(NT) 1900*900*1570(HT)	560
JMAD-60NTA JMAD-60HTA	65	380V/3Ph/50Hz	11.03 14	760 2020	DN125	2200*1325*1585(NT) 1900*900*1570(HT)	680 560
JMAD-80NTA JMAD-80HTA	87 85	380V/3Ph/50Hz	14.7 18	960 1560	DN150	2500*1325*1695(NT) 2500*1000*1900(HT)	760 680
JMAD-100NTA JMAD-100HTA	110	380V/3Ph/50Hz	18.4 20	1440 3330	DN150	2700*1690*2100(NT) 2800*1000*2100(HT)	970 850

NTA 代表常温风冷型 NTA represents air dryer is **N**ormal **T**emperature type cooled by **A**ir.
HTA 代表高温风冷型 HTA represents air dryer is **H**igh **T**emperature type cooled by **A**ir.

常温/高温水冷型冷干机

Normal / High Temperature Water-cooled Refrigerated Air Dryer



工况条件 Working Condition

冷却方式 Cooling method: 水冷 Water cooling
冷却水进口温度 Cooled water inlet temp: ≤32℃
常温型进气温度 Inlet temperature: ≤45℃
高温型进气温度 Inlet temperature:≤80℃
进气压力 Inlet pressure: 0.4～1.0Mpa
压力损失 Pressure drop: ≤0.03 Mpa
压力露点 Dew point:2～10℃
制冷剂 Refrigerant: R22

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	空气处理量 Air Capacity m³/min	电源 Voltage/Hz	压缩机功率 Compressor Power	风扇功率 Fan Power (W)	接管口径 Connection Inlet/outlet	外形尺寸 Dimension 长宽高L*W*H, mm	设备重量 Weight (KG)
JMAD-1NTA JMAD-1HTA	1.5 1.6	220V/1Ph/50Hz	0.5 0.7	80 95	ZG1"	665*425*560(NT) 750*420*730(HT)	37 45
JMAD-2NTA JMAD-2HTA	2.5	220V/1Ph/50Hz	0.7 0.9	95 120	ZG1" ZG1 1/2"	750*420*730(NT) 800*440*800(HT)	45 60
JMAD-3NTA JMAD-3HTA	3.5 3.8	220V/1Ph/50Hz	0.9 1.0	120 240	ZG1 1/2"	800*440*800(NT) 923*500*910(HT)	60 80
JMAD-5NTA JMAD-5HTA	5.5	220V/1Ph/50Hz	1.0 1.2	240	ZG1 1/2"	923*500*910	76 80
JMAD-6NTA JMAD-6HTA	6.5 6.8	220V/1Ph/50Hz	1.0 1.6	240 300	ZG1 1/2" ZG2"	923*500*910(NT) 995*585*1080(HT)	80 90
JMAD-8NTA JMAD-8HTA	8.5	220V/1Ph/50Hz	1.6 1.8	300	ZG2"	995*585*1080	90 95
JMAD-10NTA JMAD-10HTA	11.5	220V/1Ph/50Hz	2.0	380	ZG2 1/2"	1125*625*1045	120 150
JMAD-13NTA JMAD-13HTA	13.5	380V/3Ph/50Hz	3.0	400 420	ZG2 1/2"	1125*625*1045	150
JMAD-15NTA JMAD-15HTA	16.5	380V/3Ph/50Hz	3.1	480	ZG2 1/2" DN65	1120*700*1230	190
JMAD-20NTA JMAD-20HTA	22	380V/3Ph/50Hz	3.68 4.5	480 600	DN80	1500*750*1335(NT) 1300*750*1230(HT)	220 260
JMAD-25NTA JMAD-25HTA	27	380V/3Ph/50Hz	4.41 4.5	480 600	DN80	1700*750*1395(NT) 1300*750*1230(HT)	270 280
JMAD-30NTA JMAD-30HTA	35 34	380V/3Ph/50Hz	5.15 6.9	720 750	DN100	1770*850*1445(NT) 1600*820*1520(HT)	360 390
JMAD-40NTA JMAD-40HTA	45	380V/3Ph/50Hz	6.62 9.2	720 1080	DN100	1950*900*1560(NT) 1800*820*1560(HT)	490 420
JMAD-50NTA JMAD-50HTA	55	380V/3Ph/50Hz	8.82 11	720 2020	DN125 DN100	1950*1050*1600(NT) 1900*900*1570(HT)	560
JMAD-60NTA JMAD-60HTA	65	380V/3Ph/50Hz	11.03 14	760 2020	DN125	2200*1325*1585(NT) 1900*900*1570(HT)	680 560
JMAD-80NTA JMAD-80HTA	87 85	380V/3Ph/50Hz	14.7 18	960 1560	DN150	2500*1325*1695(NT) 2500*1000*1900(HT)	760 680
JMAD-100NTA JMAD-100HTA	110	380V/3Ph/50Hz	18.4 20	1440 3330	DN150	2700*1690*2100(NT) 2800*1000*2100(HT)	970 850

NTW 代表常温水冷型 NTW represents air dryer is **N**ormal **T**emperature type cooled by **W**ater
HTW 代表高温水冷型 HTW represents air dryer is **H**igh **T**emperature type cooled by **W**ater

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: 0.6～1.0 Mpa
空气进口温度 Inlet temperature: ≤45℃
压力露点 Dew point:-40～-70℃
再生气量 Purge air:3～5%
压力损失 Pressure drop: ≤0.05 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	空气处理量 Air Capacity m³/min	电源 Voltage/Hz	压缩机功率 Compressor Power	加热功率 Heating Power(KW)	风量 Air volume (N.m³/H)	接管口径 Connection Inlet/outlet	外形尺寸 Dimension 长宽高L*W*H, mm	干燥机重量 Dryer Weight(KG)	设备重量 Equipment Weight(KG)
JMADC-1WXA JMADC-1MXA	1.6	220V/1Ph/50Hz	0.59 1/3	/ 0.5	965	ZG1"	1170*880*1408	25	305
JMADC-3WXA JMADC-3MXA	3.8	220V/1Ph/50Hz	1.0	/ 3.0	3110	ZG1 1/2"	1250*885*1415	56	510
JMADC-6WXA JMADC-6MXA	6.8	220V/1Ph/50Hz	2.0	/ 4.0	6220	ZG1 1/2"	1470*1010*1790	126	775
JMADC-8WXA JMADC-8MXA	8.5	220V/1Ph/50Hz	2.5	/ 4.5	8470	ZG2"	1500*1060*2031	155	920
JMADC-10WXA JMADC-10MXA	11.5	220V/1Ph/50Hz	3.0	/ 6.0	8470	ZG2"	1760*1120*1865	220	1060
JMADC-13WXA JMADC-13MXA	13.5	220V/1Ph/50Hz	3.0	/ 6.0	8740	ZG2"	1760*1180*1920	238	1190
JMADC-15WXA JMADC-15MXA	17.0	380V/3Ph/50Hz	3.5	/ 6.5	8740	DN65	1760*1360*2205	275	1325
JMADC-20WXA JMADC-20MXA	23.0	380V/3Ph/50Hz	4.2	/ 9.0	8740	DN65 DN80	1960*1440*2470	395	1740
JMADC-25WXA JMADC-25MXA	27.0	380V/3Ph/50Hz	5.3	/ 9.0	10560	DN80	2030*1480*2473	490	2060
JMADC-30WXA JMADC-30MXA	34.0	380V/3Ph/50Hz	6.7	/ 12.0	10560	DN80	2220*1640*2542	600	2375
JMADC-40WXA JMADC-40MXA	45.0	380V/3Ph/50Hz	10.0	/ 18.0	15840	DN100	2340*1710*2872	845	2960
JMADC-50WXA JMADC-50MXA	55.0	380V/3Ph/50Hz	10.0	/ 21.0	15840	DN100	2340*1800*2960	1008	3320
JMADC-60WXA JMADC-60MXA	67.0	380V/3Ph/50Hz	13.3	/ 25.0	18000	DN125	2520*2000*2990	1170	3445

无热再生吸附式冷干机

Heatless regenerative adsorption Air Dryer



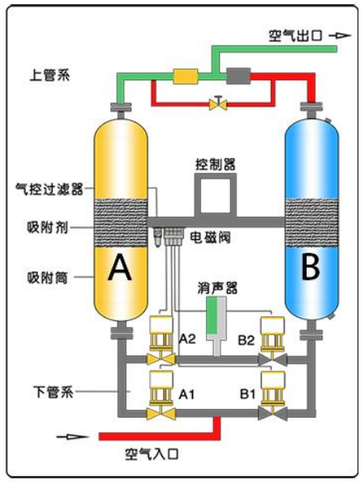
工况条件与技术参数

Working Condition and Technical Parameters

工作压力 Working pressure: 0.4～1.0Mpa
额定进气温度 Rated inlet temperature: 0～45℃
空气出口露点 Air outlet dew point：≤45℃ (POP)
耗气率 Air consumption rate: ≤14.5%
系统压降 System pressure drop: ≤0.021Mpa
切换周期 Switching period: T=5～10 分钟 Minutes (可调)
吸附剂 Desiccant:活性氧化铝 Activated aluminum
进气含油量 Inlet oil content : ≤0.1 PPM
电源 Power: 220V/1Ph/50Hz

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

名称Name / 型号Model	空气处理量 Air Capcity m³/min	接管口径 Connection Caliber	外形尺寸 Dimension(mm) 长宽高 L*W*H	重量 Weight (KG)
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-13WXA	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



无热再生吸附式干燥机工作流程

吸附--湿空气从下管经阀A1进入吸附筒A自下向上流经吸附剂层，干燥后的空气从上管系排出

再生--部分干燥气体(约10%)通过上管系，经调压阀进入吸附筒B再生，自上而下对吸附筒B内的吸附剂解析再生，使其恢复吸附剂的干燥能力。再生气经下管阀门B2和消声器，排放到大气中

再生切换--吸附剂再生结束后，阀A1、B2关闭，阀B1、A2打开，A、B两个干燥筒完成切换。B筒进入吸附，A筒泄压再生。工作顺序及工作时间由控制器自动完成

微热再生吸附式冷干机

Heated regenerative adsorption Air Dryer



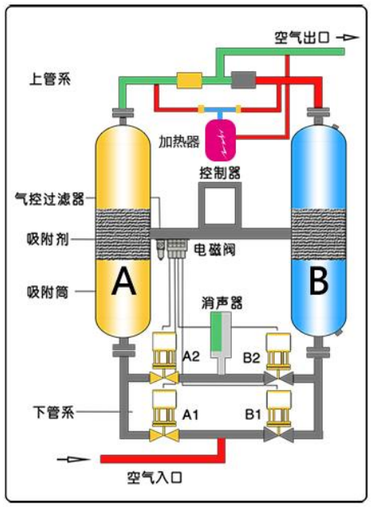
工况条件与技术参数

Working Condition and Technical Parameters

工作压力 Working pressure: 0.4～1.0Mpa
额定进气温度 Rated inlet temperature: 0～45℃
空气出口露点 Air outlet dew point：≤45℃~70℃ (POP)
耗气率 Air consumption rate: ≤8%
系统压降 System pressure drop: ≤0.021Mpa
切换周期 Switching period: T=120～240 分钟 Minutes (可调)
吸附剂 Desiccant:活性氧化铝 Activated aluminum
进气含油量 Inlet oil content : ≤0.1 PPM
电源 Power: 380V/3Ph/50Hz

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

名称Name / 型号Model	空气处理量 Air Capcity m³/min	加热器功率 Heater Power (KW)	接管口径 Connection Caliber	外形尺寸 Dimension(mm) 长宽高 L*W*H	重量 Weight (KG)
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-13MXA	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



微热再生吸附式干燥机工作原理

吸附--湿空气从下管经阀A1进入吸附筒A自下向上流经吸附剂层，干燥后的空气从上管系排出

再生--少量干燥气体(约7%)通过上管系，经调压阀，减压后加热，进入吸附筒B，自上而下对吸附筒B内的吸附剂解析再生，使其恢复吸附剂的干燥能力。再生气经下管阀门B2和消声器，排放到大气中

再生切换--吸附剂再生结束后，阀A1、B2关闭，阀B1、A2打开，A、B两个干燥筒完成切换。B筒进入吸附，A筒泄压再生。工作顺序及工作时间由控制器自动完成

管道精密过滤器

Pipeline precision filter

管道精密过滤器为用户保证压缩空气的品质，特别是激光切割、吹瓶、食品、医药、饮料、电子半导体、精密仪器、高级喷涂等行业。通过安装精密管道过滤器，可以有效去除压缩空气中的杂质（如油、水分、颗粒等）。

The precision pipeline filter ensures the quality of compressed air for users, especially in industries such as laser cutting, bottle blowing, food, medicine, beverage, electronic semiconductors, precision instruments, and advanced spraying.

By installing a precision filter, impurities (such as oil, moisture, particles) in the compressed air can be effectively removed.

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	空气流量 Flow Capacity		空气接管口径	外形尺寸 Dimension (mm)		滤芯规格 Filter Model	滤芯数量 Filter QTY	重量 Weight
	m³/min	CFM	Inlet/outlet	高Hight	宽Width			KG
JMAF-9/7/5/3/1-001	1.5	53	ZG1"	300	105	001E	1	1.5
JMAF-9/7/5/3/1-002	2.6	92	ZG1“	300	105	002E	1	1.7
JMAF-9/7/5/3/1-003	3.8	134	ZG1.5”	370	125	003E	1	2.5
JMAF-9/7/5/3/1-006	6.8	240	ZG1.5“	500	125	006E	1	3.0
JMAF-9/7/5/3/1-008	8.5	300	ZG2”	600	140	008E	1	4.5
JMAF-9/7/5/3/1-010	11.5	406	ZG2“	600	140	010E	1	5.0
JMAF-9/7/5/3/1-013	13.5	477	ZG2"	800	135	013E	1	7.5
JMAF-9/7/5/3/1-015	17	600	DN65	1000	380	015E	1	65
JMAF-9/7/5/3/1-020	23	812	DN80	1100	380	020E	1	70
JMAF-9/7/5/3/1-025	27	953	DN80	1100	420	025E	1	85
JMAF-9/7/5/3/1-030	34	1200	DN100	1100	440	030E	2	90
JMAF-9/7/5/3/1-040	45	1589	DN100	1185	440	040E	2	100
JMAF-9/7/5/3/1-050	55	1942	DN100	1185	517	050E	3	105
JMAF-9/7/5/3/1-060	65	988.4	DN125	1335	517	060E	3	120
JMAF-9/7/5/3/1-080	87	3071	DN150	1335	580	080E	4	160
JMAF-9/7/5/3/1-100	110	3883	DN150	1410	600	100E	5	200
JMAF-9/7/5/3/1-150	165	5825	DN200	1540	600	150E	8	250
JMAF-9/7/5/3/1-200	210	7413	DN200	1568	750	200E	10	300
JMAF-9/7/5/3/1-250	260	9178	DN250	1700	850	250E	12	320
JMAF-9/7/5/3/1-300	320	11296	DN250	1700	850	300E	14	350
JMAF-9/7/5/3/1-350	360	12708	DN300	1750	950	350E	16	420
JMAF-9/7/5/3/1-400	410	14473	DN300	1750	950	400E	19	435

管道精密过滤器 过滤等级

Filtration grade of pipeline precision filter

规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

过滤等级 Filter grade	等效 Equal	过滤精度 Filtration grade	残留油含量 Oil content
		μm	ppm
JMAF-9	C	3	3
JMAF-7	T	1	1
JMAF-5	A	0.01	0.01
JMAF-3	F	0.01	0.003
JMAF-1	H	0.01	0.001



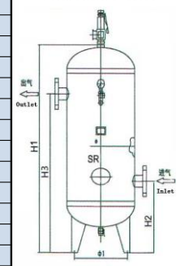
储气罐 Air Receiver (0.8-1.6 Mpa)

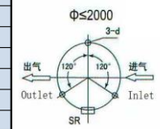
规 格 参 数 表 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

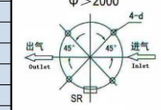
No.	规格 Model	设计温度 Design Temp	总高度 Total Height	内直径 Inner Diameter	空气进口 Air Inlet			空气出口 Air Outlet			支撑 Support		安全阀 Safety Valve	排污口 Drain Outlet	重量 Weight
	m3/Mpa	℃	H1	Φ	H2	DN	Thread	H3	DN	Thread	D	d	Size	Size	KG
1	0.3/0.8	110	1594	550	642	50	Rp1¼	1242	50	Rp1¼	400	20	Rp1/2	R1/2	121
2	0.3/1.0		1594		642			1242							139
3	0.3/1.3		1598		644			1244							167
4	0.3/1.6		1598		644			1244							195
5	0.6/0.8	110	1905	700	680	65	Rp1¼	1550	65	Rp1¼	490	24	Rp1/2	R1/2	185
6	0.6/1.0		1907		681			1551							217
7	0.6/1.3		1909		682			1552							265
8	0.6/1.6		1907		681			1551							313
9	1.0/0.8	110	2305	800	690	65	Rp1¼	1920	65	Rp1¼	560	24	Rp3/4	R1/2	283
10	1.0/1.0		2307		691			1921							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		2566		753			2118							488
17	2.0/0.8	110	2780	1000	760	80	Rp2"	2320	80	Rp2"	700	24	Rp1¼	R1/2	513
18	2.0/1.0		2780		760			2320							661
19	2.0/1.3		2782		761			2321							538
20	2.0/1.6		2786		763			2323							686
21	2.5/0.8	110	3300	1000	760	80		2840	80		700	24	Rp1¼	R1/2	642
22	2.5/1.0		3300		760			2840							724
23	2.5/1.3		3302		761			2841							773
24	2.5/1.6		2836		788			2348							855
25	3.0/0.8	110	2920	1200	850	80		2410	80		906	24	Rp1¼	R3/4	735
26	3.0/1.0		2922		851			2411							917
27	3.0/1.3		2926		853			2413							855
28	3.0/1.6		2926		853			2413							1037
29	4.0/0.8	110	3030	1400	910	100		2470	100		1050	24	Rp1¼	R3/4	949
30	4.0/1.0		3032		911			2471							1170
31	4.0/1.3		3036		913			2473							1019
32	4.0/1.6		3040		915			2475							1240
33	5.0/0.8	110	3700	1400	910	100		2990	100		1050	24	Rp2	R3/4	1148
34	5.0/1.0		3702		911			2991							1419
35	5.0/1.3		3726		913			3013							1198
36	5.0/1.6		3730		915			3015							1469
37	6.0/0.8	110	4330	1400	910	125		3621	125		1050	24	Rp2	R3/4	1192
38	6.0/1.0		4332		911			3621							1320
39	6.0/1.3		4346		913			3633							1377
40	6.0/1.6		4350		915			3635							1505
41	8.0/0.8	110	3154	2000	1082	125		2362	125		1500	32	Rp2	R3/4	1598
42	8.0/1.0		3156		1083			2363							1605
43	8.0/1.3		3190		1100			2380							1960
44	8.0/1.6		3194		1102			2382							2315
45	10/0.8	110	3754	2000	1082	150		2962	150		1500	32	Rp2½	R3/4	1847
46	10/1.0		3756		1083			2963							2262
47	10/1.3		3790		1100			2980							2658
48	10/1.6		3794		1102			2982							3054
49	12/0.8	110	4354	2000	1082	150		3562	150		1500	32	Rp2½	R3/4	2104
50	12/1.0		4356		1083			3563							2577
51	12/1.3		4390		1100			3580							3026
52	12/1.6		4394		1102			3582							3475
53	15/0.8	110	4531	2200	1208	150		3618	150		1650	32	Rp2½	R1	2422
54	15/1.0		4533		1209			3619							2971
55	15/1.3		4569		1227			3637							3497
56	15/1.6		4573		1229			3639							4023
57	20/0.8	110	5246	2400	1348	200		4168	200		1800	32	Rp3	R1	3680
58	20/1.0		5250		1350			4170							3693
59	20/1.3		5254		1352			4172							4985
60	20/1.6		5258		1354			4174							6277
61	25/0.8	110	6146	2400	1348	200		5068	200		1800	32	Rp3	R1	4247
62	25/1.0		6150		1350			5070							4254
63	25/1.3		6154		1352			5072							5785
64	25/1.6		6158		1354			5074							7316
65	30/0.8	110	6706	2500	1373	200		5603	200		1875	36	Rp3	R1	5054
66	30/1.0		6710		1375			5605							5969
67	30/1.3		6718		1379			5609							6922
68	30/1.6		6722		1381			5611							7875
69	40/0.8	110	8886	2500	1373	200		7413	200		1875	36	Rp3	R1	6213
70	40/1.0		8890		1375			7415							7362
71	40/1.3		8898		1379			7419							8536

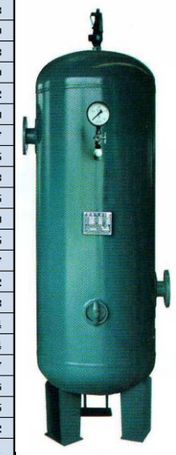
支座位置图

注：当Φ≤1000时为手孔；
当Φ>1000时为人孔。
Note:Handhole when Φ≤1000
Manhole when Φ>1000









应用案例
Application cases











空压机系统常用配置图
Common configuration of air compressor system

