



干式无油空压机系列

Oil-Free Air Compressor

**MORE
ENHANCEMENTS
FOR YOU**

为您改进更多



中山铭科压缩机有限公司

ZHONGSHAN MAXTECH COMPRESSOR CO.,LTD

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铭科干式无油空气压缩机严格依据ISO8537-1行业标准产出纯净高标准的CLASS 0级无油压缩空气确保压缩空气不含润滑油。

MAXTECH Oil-free Screw Air Compressor Generates Pure Class 0 Oil Free Air According To Iso8537-1 Ensures That Compressed Air Is Oil Free.



已被广泛应用于医药、半导体、印刷、化学、精密喷涂及高尔夫球场等众多工业领域。
Denair oil-free screw compressor is widely applied in Medicine, Semiconductor, Printings, Chemicals, Precision Spraying and Golf Course etc.

高效、节能的完美组合

Efficient and energy-saving Unique MAXTECH dry oil-free

先进、环保的压缩空气技术组件，造就了铭科干式无油空压机产品优势！

The advanced and environmentally air technology components, creating a Unique MAXTECH oil-free air compressor.

高效可靠的无油螺杆主机

Advanced Energy-efficient Rotary Screw Air End

采用高效可靠的无油螺杆主机，确保了耐久性和高品质，给生产纯净空气提供适宜的性能。

Air end with high durability and good quality, which is perfect for generating pure and clean air.

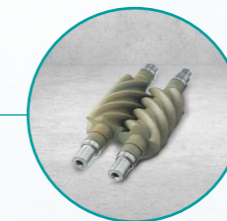
尖端无油螺杆技术

Cutting Edge Oil-free Screw Technology

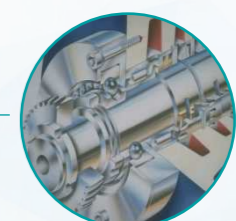
铭科干式无油空压机采用特有技术开发的低压、高压专用主机，转子与壳体使用了UltraCoat涂层，保证产品的耐久性和效率。
MAXTECH oil-free air compressor adopts the air end special for low pressure and high pressure that developed with unique technology. Ultracoat coating is used for rotor and shell to ensure the durability and efficiency of the product.



高性能轴承
High Performance Bearing



高压转子采用不锈钢设计，增加转子的寿命
High pressure rotor adopts stainless steel design to increase the service life of rotor



独特的三道密封系统，确保供气始终100%无油
Unique three-way sealing system ensures 100% oil-free air supply at all times

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智能控制系统/Intelligent Control System

装配大型LCD显示屏，操作一目了然、便捷；当空压机需要保养或者发生故障时，显示屏会自动发出预警提示，提醒及时保养或排除故障。

Assembly of large LCD display screen, stick out a mile, convenient operation; With the compressor needs maintenance or failure, the display will automatically send warning prompt, remind timely maintenance or troubleshooting.



连锁控制功能/Chain Control Function

在2台压缩机之间进行线路连接，即可进行交替、随动运行根据设定时间转换主机-副机，进行交替运行(交替功能)空气量不足时，副机启动运行(压力随动功能)万一其中一台机器发生故障，另一台将启动运行(故障随动运行)

Line connection as long as between 2 compressors, can be alternately, follow-up operation According to the set time conversion host - side machine, alternate operation (alternating function) The amount of air is insucient, the auxiliary machine up and running (pressure servo function) In case of the machine failure, another will start running (fault servo operation)



低压、高压主机/Low Pressure, High Pressure Air End

采用高效可靠的无油螺杆主机，确保了耐久性和高品质，给生产纯净空气提供适宜的性能。

Air end with high durability and good quality, which is perfect for generating pure and clean air.



PLC 编程控制器 PLC Programmable Controller

PLC 可编程控制器是经过几十年实际应用检验，其抗干扰能力强，工作可靠，故障率低，易操作，易于设备的扩展，安装简单，具有的自诊断功能，维护方便。

PLC Programmable Controller has been tested through several decades practical application, which is with strong ability of anti-interference, reliable working performance, low failure rate, easy operation and machines expanding, simple installation, self-diagnostic function available, maintenance friendly.



新款水分分离器 Water Separator

采用了大容量的水分分离器，除去压缩空气中的凝缩水，延长主机寿命，提供适宜的运行环境。

Using a suitable pump to prevent reverse cycle oil for the smooth operation of the compressor to provide suitable operating environment.



使用高效风机 Using Ecient Fan

风机直径大、风压大，风量足；后冷却器与油冷却器独立设计；低功耗、低噪音。

Large fan diameter, high wind pressure, sicient air volume; rear cooler and oil cooler independent design; low power consumption, low noise.

干式无油空压机技术参数

Oil Free Air Compressor Technical Parameter

| 型号 Model | 工作压力 Working Pressure(Mpa) | 排气量 Air Delivery (m³/min) | 功率 Power (kw) | 电压防护等级 Voltage and IP Grade | 噪音值 Noise | 外形尺寸 Dimensions(mm) | | | 重量 Weight (kg) | 出口管径 Outlet P IPe Diameter |
|-------------|-------------------------------|------------------------------|------------------|--------------------------------|--------------|---------------------|--------|--------|-------------------|-------------------------------|
| | | | | | | 长度 (L) | 宽度 (W) | 高度 (H) | | |
| MTOF45 | 0.75 | 6.92 | 45 | 380V IP54 | 80 ± 3 | 2100 | 1500 | 1790 | 2400 | G1-1/2 |
| | 0.85 | 6.90 | | | | | | | | |
| | 1.05 | 5.47 | | | | | | | | |
| MTOF55 | 0.75 | 9.15 | 55 | 380V IP54 | 80 ± 3 | 2100 | 1500 | 1790 | 2600 | G1-1/2 |
| | 0.85 | 9.11 | | | | | | | | |
| | 1.05 | 7.98 | | | | | | | | |
| MTOF75 | 0.75 | 12.51 | 75 | 380V IP54 | 80 ± 3 | 2300 | 1600 | 1790 | 2800 | DN50 |
| | 0.85 | 11.60 | | | | | | | | |
| | 1.05 | 10.81 | | | | | | | | |
| MTOF90 | 0.75 | 13.39 | 90 | 380V IP54 | 80 ± 3 | 2300 | 1600 | 1790 | 3000 | DN50 |
| | 0.85 | 13.37 | | | | | | | | |
| | 1.05 | 12.41 | | | | | | | | |
| MTOF110 | 0.75 | 19.96 | 110 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3300 | DN65 |
| | 0.85 | 18.74 | | | | | | | | |
| | 1.05 | 16.40 | | | | | | | | |
| MTOF132 | 0.75 | 23.58 | 132 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3450 | DN65 |
| | 0.85 | 22.13 | | | | | | | | |
| | 1.05 | 19.89 | | | | | | | | |
| MTOF160 | 0.75 | 26.85 | 160 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3550 | DN65 |
| | 0.85 | 25.47 | | | | | | | | |
| | 1.05 | 23.51 | | | | | | | | |
| MTOF185 | 0.75 | 29.73 | 185 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3950 | DN65 |
| | 0.85 | 29.65 | | | | | | | | |
| | 1.05 | 26.79 | | | | | | | | |
| MTOF200 | 0.75 | 33.49 | 200 | 380V IP54 | 85 ± 3 | 3100 | 2150 | 2200 | 4500 | DN100 |
| | 0.85 | 33.35 | | | | | | | | |
| | 1.05 | 29.89 | | | | | | | | |
| MTOF220 | 0.75 | 35.97 | 220 | 380V IP54 | 85 ± 3 | 3100 | 2150 | 2200 | 5000 | DN100 |
| | 0.85 | 35.92 | | | | | | | | |
| | 1.05 | 33.28 | | | | | | | | |
| MTOF250 | 0.75 | 42.85 | 250 | 380V IP54 | 85 ± 3 | 3100 | 2150 | 2200 | 5200 | DN100 |
| | 0.85 | 42.66 | | | | | | | | |
| | 1.05 | 38.30 | | | | | | | | |
| MTOF280 | 0.75 | 46.73 | 280 | 380V IP54 | 90 ± 3 | 3400 | 2400 | 2200 | 6400 | DN100 |
| | 0.85 | 45.64 | | | | | | | | |
| | 1.05 | 42.61 | | | | | | | | |
| MTOF315 | 0.75 | 51.41 | 315 | 380V IP54 | 90 ± 3 | 3400 | 2400 | 2200 | 6700 | DN100 |
| | 0.85 | 51.25 | | | | | | | | |
| | 1.05 | 46.47 | | | | | | | | |
| MTOF-355 | 0.75 | 58.44 | 355 | 380V IP54 | 90 ± 3 | 3400 | 2400 | 2200 | 7000 | DN100 |
| | 0.85 | 57.89 | | | | | | | | |
| | 1.05 | 50.99 | | | | | | | | |

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变频干式无油空压机技术参数

Variable Frequency Oil Free Air Compressor Technical Parameter

| 型号 Model | 工作压力 Working Pressure(Mpa) | 排气量 Air Delivery (m ³ /min) | | 功率 Power (kw) | 电压防护等级 Voltage and IP Grade | 噪音值 Noise | 外形尺寸Dimensions(mm) | | | 重量 Weight (kg) | 出口管径 Outlet PIPE Diameter |
|-------------|-------------------------------|---|-------|------------------|--------------------------------|--------------|--------------------|------|------|-------------------|------------------------------|
| | | 长度(L) | 宽度(W) | | | | 高度(H) | | | | |
| MTOF45-PM | 0.75 | 2.08 | 6.92 | 45 | 380V IP54 | 80 ± 3 | 2100 | 1500 | 1790 | 2450 | G1-1/2 |
| | 0.85 | 2.07 | 6.90 | | | | | | | | |
| | 1.05 | 1.62 | 5.47 | | | | | | | | |
| MTOF55-PM | 0.75 | 2.84 | 9.15 | 55 | 380V IP54 | 80 ± 3 | 2100 | 1500 | 1790 | 2650 | G1-1/2 |
| | 0.85 | 2.82 | 9.11 | | | | | | | | |
| | 1.05 | 2.48 | 7.98 | | | | | | | | |
| MTOF75-PM | 0.75 | 3.88 | 12.51 | 75 | 380V IP54 | 80 ± 3 | 2300 | 1600 | 1790 | 2850 | DN50 |
| | 0.85 | 3.60 | 11.60 | | | | | | | | |
| | 1.05 | 3.35 | 10.81 | | | | | | | | |
| MTOF90-PM | 0.75 | 4.15 | 13.39 | 90 | 380V IP54 | 80 ± 3 | 2300 | 1600 | 1790 | 3100 | DN50 |
| | 0.85 | 4.15 | 13.37 | | | | | | | | |
| | 1.05 | 3.85 | 12.41 | | | | | | | | |
| MTOF110-PM | 0.75 | 6.19 | 19.96 | 110 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3450 | DN65 |
| | 0.85 | 5.81 | 18.74 | | | | | | | | |
| | 1.05 | 5.08 | 16.40 | | | | | | | | |
| MTOF132-PM | 0.75 | 7.31 | 23.58 | 132 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3650 | DN65 |
| | 0.85 | 6.86 | 22.13 | | | | | | | | |
| | 1.05 | 6.17 | 19.89 | | | | | | | | |
| MTOF160-PM | 0.75 | 8.32 | 26.85 | 160 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 3750 | DN65 |
| | 0.85 | 7.90 | 25.47 | | | | | | | | |
| | 1.05 | 7.29 | 23.51 | | | | | | | | |
| MTOF185-PM | 0.75 | 9.22 | 29.73 | 185 | 380V IP54 | 82 ± 3 | 2800 | 1800 | 1860 | 4150 | DN65 |
| | 0.85 | 9.19 | 29.65 | | | | | | | | |
| | 1.05 | 8.30 | 26.79 | | | | | | | | |
| MTOF200-PM | 0.75 | 10.38 | 33.49 | 200 | 380V IP54 | 85 ± 3 | 3100 | 2150 | 2200 | 4700 | DN100 |
| | 0.85 | 10.34 | 33.35 | | | | | | | | |
| | 1.05 | 9.27 | 29.89 | | | | | | | | |
| MTOF220-PM | 0.75 | 11.15 | 35.97 | 220 | 380V IP54 | 85 ± 3 | 3100 | 2150 | 2200 | 5200 | DN100 |
| | 0.85 | 11.14 | 35.92 | | | | | | | | |
| | 1.05 | 10.32 | 33.28 | | | | | | | | |
| MTOF250-PM | 0.75 | 13.28 | 42.85 | 250 | 380V IP54 | 85 ± 3 | 3100 | 2150 | 2200 | 5500 | DN100 |
| | 0.85 | 13.23 | 42.66 | | | | | | | | |
| | 1.05 | 11.87 | 38.30 | | | | | | | | |
| MTOF280-PM | 0.75 | 14.49 | 46.73 | 280 | 380V IP54 | 85 ± 3 | 3400 | 2400 | 2200 | 6700 | DN100 |
| | 0.85 | 14.15 | 45.64 | | | | | | | | |
| | 1.05 | 13.21 | 42.61 | | | | | | | | |
| MTOF315-PM | 0.75 | 15.94 | 51.41 | 315 | 380V IP54 | 90 ± 3 | 3400 | 2400 | 2200 | 7000 | DN100 |
| | 0.85 | 15.89 | 51.25 | | | | | | | | |
| | 1.05 | 14.41 | 46.47 | | | | | | | | |
| MTOF355-PM | 0.75 | 18.11 | 58.44 | 355 | 380V IP54 | 90 ± 3 | 3400 | 2400 | 2200 | 7300 | DN100 |
| | 0.85 | 17.94 | 57.89 | | | | | | | | |
| | 1.05 | 15.81 | 50.99 | | | | | | | | |

低压干式无油空压机技术参数

Low Pressure Oil Free Air Compressor Technical Parameter

| 型号 Model | 工作压力 Working Pressure(Mpa) | 排气量 Air Delivery (m ³ /min) | 功率 Power (kw) | 电压防护等级 Voltage and IP Grade | 噪音值 Noise | 外形尺寸Dimensions(mm) | | | 重量 Weight (kg) | 出口管径 Outlet PIPE Diameter |
|-------------|-------------------------------|---|------------------|--------------------------------|--------------|--------------------|-------|-------|-------------------|------------------------------|
| | | | | | | 长度(L) | 宽度(W) | 高度(H) | | |
| MTOF55-3 | 0.25 | 15.33 | 55 | 380V IP54 | 69 ± 3 | 2100 | 1500 | 1790 | 2630 | DN100 |
| | 0.35 | 12.78 | | | | | | | | |
| MTOF75-3 | 0.25 | 19.92 | 75 | 380V IP54 | 69 ± 3 | 2100 | 1500 | 1790 | 2850 | DN100 |
| | 0.35 | 16.30 | | | | | | | | |
| MTOF90-3 | 0.25 | 26.07 | 90 | 380V IP54 | 72 ± 3 | 2800 | 1800 | 1860 | 2850 | DN100 |
| | 0.35 | 19.54 | | | | 2100 | 1500 | 1790 | 2850 | |
| MTOF110-3 | 0.25 | 33.16 | 110 | 380V IP54 | 72 ± 3 | 3100 | 2150 | 2200 | 3450 | DN150 |
| | 0.35 | 25.60 | | | | 2800 | 1800 | 1860 | 3450 | DN180 |
| MTOF132-3 | 0.25 | 40.24 | 132 | 380V IP54 | 72 ± 3 | 3100 | 2150 | 2200 | 3490 | DN150 |
| | 0.35 | 27.23 | | | | 2800 | 1800 | 1860 | 3050 | |
| MTOF160-3 | 0.25 | 49.42 | 160 | 380V IP54 | 79 ± 3 | 3100 | 2150 | 2200 | 3540 | DN150 |
| | 0.35 | 35.75 | | | | | | | | |
| MTOF185-3 | 0.25 | 55.18 | 185 | 380V IP54 | 79 ± 3 | 3400 | 2400 | 2200 | 3640 | DN150 |
| | 0.35 | 42.21 | | | | | | | | |

