



YONSHENGHETUO

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Oil Mist Cooling Lubrication System
工业冷却喷雾系统生产制造商

YSHT-MQL2551A

■ 功能特点 Features



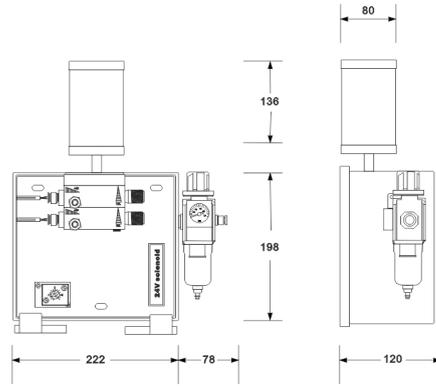
- 节省油量，降低成本，可显著改善加工情况。
- 带保护箱，防止粉尘堵塞。
- 脉冲控制喷雾时间更精准，喷雾时间可控制到0.1秒每次。
- 精确地喷涂到切削区域，对刀具和工件进行冷却润滑。
- 对于工作环境要求较高的场合。
- 适用于各种金属切削加工场合。
- 适用液体为纯净润滑油、微量植物油等。
- 油/气冷却润滑加工可延长刀具寿命，提高生产效率和品质。
- 降低加工成本提高环境保护，经实际测试可降低刀具磨损耗20%-200%，电力消耗测试比水泵浦减少40%用电量。
- Save oil, reduce costs, and significantly improve the processing environment.
- With protective box to prevent clogging by dust.
- Pulse control, the spray time accuracy reaches 0.1 second each time, time control is more precise.
- Precisely spray on the cutting area to cool and lubricate the tool and workpiece.
- Suitable for high working requirements scenarios.
- Suitable for various metal cutting and processing application.
- Applicable liquids are pure lubricating oil, vegetable oil, etc. Oil/Air cooling lubricating can significantly extend tool life, improve production efficiency and product quality.
- Reduce processing costs and improve environmental protection. After actual tests, tool loss can be reduced by 20%-50%, and electricity consumption is 40% less than water pumps

■ 规格表 Specifications

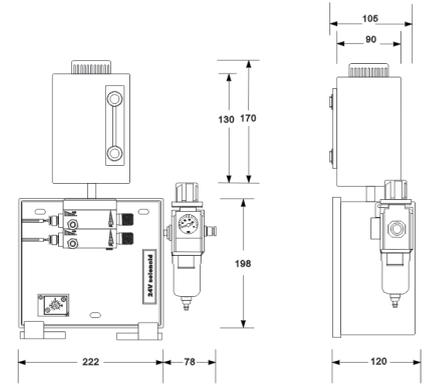
型号 Model	YSHT-MQL2551A
容量 Reservoir capacity	1L 2L 4L 8L 20L
控制方式 Control type	PLC
保护箱 Protective Shell	√
电压 Voltage	AC220V/DC24V
电磁阀 Solenoid valve	√
缺油报警 Level switch	Optional
空气入口径 Air inlet thread	1/4PT
液体入口径 Liquid inlet thread	Air 8mm Oil 4mm
泵浦供油量 Oil supply volume	0.005-0.03cc
泵浦供油频率 Oil supply frequency	1-15sec
最大使用压力 Max operating pressure	8 bar
环境温度 Working temperature	5° C-60° C

MQL微量喷雾泵 MQL Pump Units

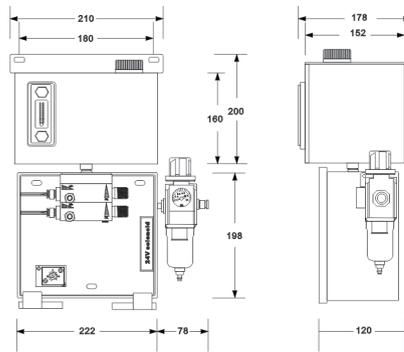
尺寸图 Dimensional drawings



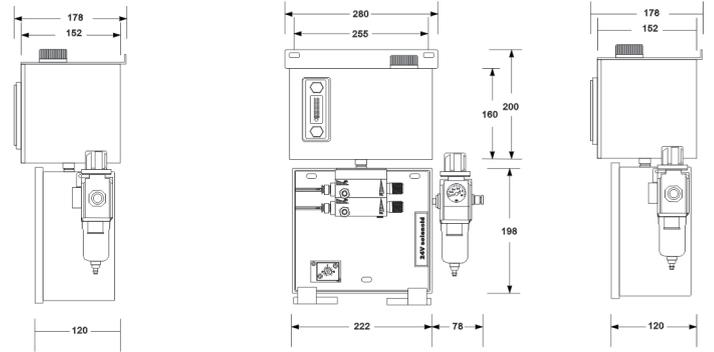
透明油箱 (0.8 liter plastic tank)



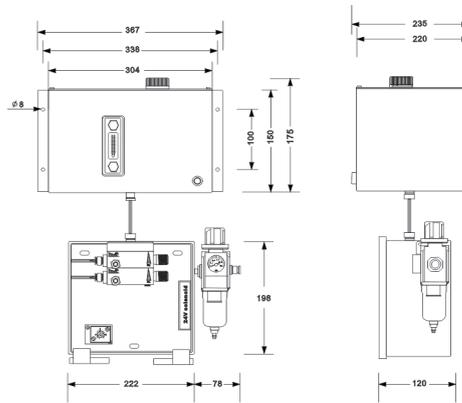
金属油箱 (1 liter Iron tank)



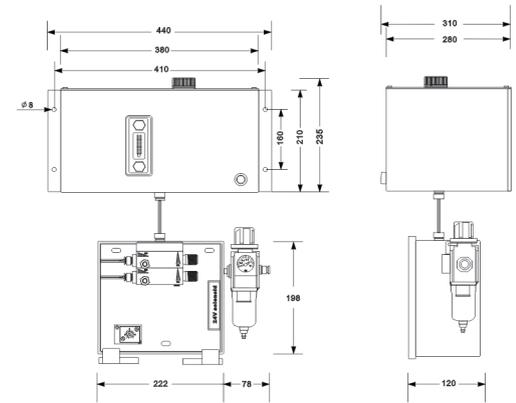
金属油箱 (2 liter Iron tank)



金属油箱 (4 liter Iron tank)



金属油箱 (10 liter Iron tank)



金属油箱 (20 liter Iron tank)

气量调整
手动气量调节按钮



顺时针旋转气量变小
逆时针旋转气量变大

频率调整
手动频率调节按钮



逆时针旋转频率变快
顺时针旋转频率变慢

油量调整
手动油量调节按钮



逆时针旋转出油量最大
顺时针旋转出油量小

电磁阀
按需选配即可



Level Switch
内置液位报警

液位显示计

Dust Protection Box
防尘保护箱

Air Volume Control Valve
气量调节阀

Precision Pump Body
精密泵体

Pulse Control Valve
脉冲调节阀

Oil inlet
加油口

Oil Filler
内置精密滤网

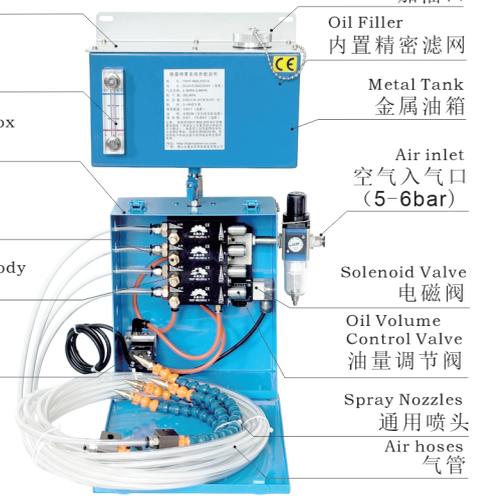
Metal Tank
金属油箱

Air inlet
空气进气口
(5-6bar)

Solenoid Valve
电磁阀

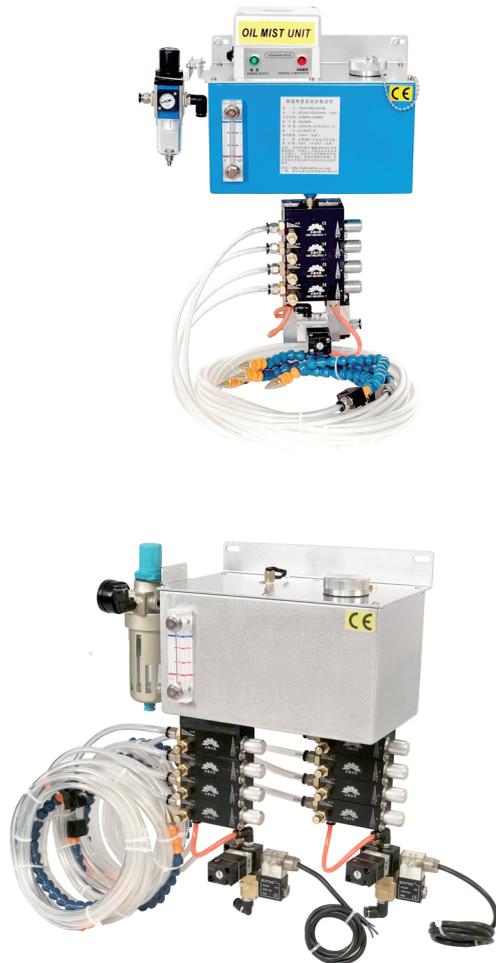
Oil Volume Control Valve
油量调节阀

Spray Nozzles
通用喷头
Air hoses
气管



YSHT-MQL2551B

■ 功能特点 Features



- 提高刀具寿命，与切削速度。
 - 不产生废液及油屑混合物，有效改善环境及预防产业环境污。
 - 最低价的加工成本，每8小时约28-38ml的用油量消耗。
 - 刀具寿命延长，提高加工品质减少工艺不良率。
 - MQL微量润滑油适用所有的金属材质加工使用。
 - 改善环境的唯一高效加工方式。
 - 也可用于防臭、防锈、防疫、食品等领域，使用范围广泛。
 - 脉冲控制喷雾时间更精准，喷雾时间可控制到0.1秒每次。
 - 精确地喷涂到切削区域，对刀具和工件进行冷却润滑。
 - 对于工作环境要求较高的场合。
 - 适用于各种金属切削加工场合。
- Improve tool life and cutting speed.
 - No waste liquid or oil-chip mixture is generated, effectively improving the environment and preventing industrial environmental pollution.
 - Low processing cost, oil consumption is about 28-38ml every 8 hours.
 - Improve processing quality and reduce process defect rate.
 - MQL special lubricant is suitable for all metal material processing.
 - Efficient processing that improves the environment.
 - Also can be used in many fields such as deodorization, rust prevention, epidemic prevention, food, etc.
 - Pulse control, the spray time accuracy reaches 0.1 second each time, time control is more precise.

■ 规格表 Specifications

型号 Model	YSHT-MQL2551B
容量 Reservoir capacity	1L 2L 4L 8L 20L
控制方式 Control type	PLC
保护箱 Protective Shell	×
电压 Voltage	✓
电磁阀 Solenoid valve	✓
缺油报警 Level switch	Optional
空气入口径 Air inlet thread	1/4PT
液体入口径 Liquid inlet thread	Air 8mm Oil 4mm
泵浦供油量 Oil supply volume	0.005-0.03cc
泵浦供油频率 Oil supply frequency	1-15sec
最大使用压力 Max operating pressure	8 bar
环境温度 Working temperature	5° C-60° C

YSHT-MQL2551C

■ 功能特点 Features



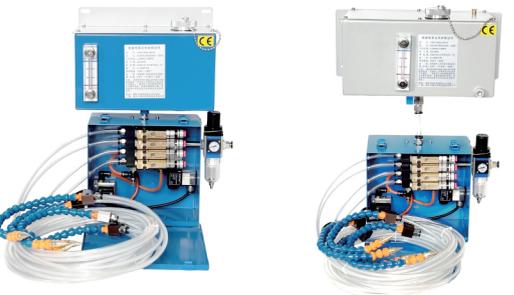
- 提高刀具寿命，与切削速度。
 - 不产生废液及油屑混合物，有效改善环境及预防产业环境污染。
 - 最低价的加工成本，每8小时约28-38ml的用量消耗。
 - 刀具寿命延长，提高加工品质减少工艺不良率。
 - MQL微量润滑油适用所有的金属材质加工使用。
 - 改善环境的唯一高效加工方式。
 - 也可用于轴承、机器人、金属加工、食品、加工中心润滑等领域，使用范围广泛。
 - 脉冲控制喷雾时间更精准，喷雾时间可控制到0.1秒每次。
 - 精确地喷涂到切削区域，对刀具和工件进行冷却润滑。
 - 对于工作环境要求较高的场合。
 - 适用于各种金属切削加工场合。
- Improve tool life and cutting speed.
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 - Low processing cost, oil consumption is about 28-38ml every 8 hours.
 - Improve processing quality and reduce process defect rate.
 - MQL special lubricant is suitable for all metal material processing.
 - Efficient processing that improves the environment.
 - It can also be used in fields such as bearings, robots, metal processing, food, and lubrication of machining centers, with a wide range of applications
 - Pulse control, the spray time accuracy reaches 0.1 second each time, time control is more precise.

■ 规格表 Specifications

型号 Model	YSHT-MQL2551C
容量 Reservoir capacity	1L 2L 4L 8L 20L
控制方式 Control type	PLC
保护箱 Protective Shell	×
电压 Voltage	×
电磁阀 Solenoid valve	×
缺油报警 Level switch	Optional
空气入口径 Air inlet thread	1/4PT
液体入口径 Liquid inlet thread	Air 8mm Oil 4mm
泵浦供油量 Oil supply volume	0.005-0.03cc
泵浦供油频率 Oil supply frequency	1-15sec
最大使用压力 Max operating pressure	8 bar
环境温度 Working temperature	5° C-60° C

YSHT-MQL3551A

■ 功能特点 Features



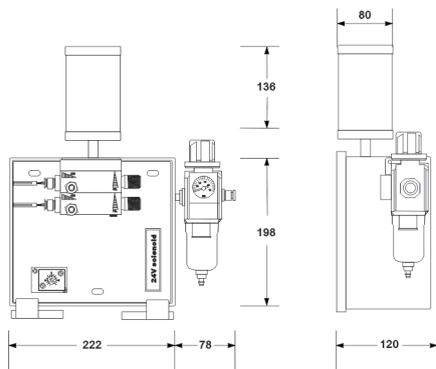
- 节省油量，降低成本，可显著改善加工情况。
- 带保护箱，防止粉尘堵塞。
- 脉冲控制喷雾时间更精准，喷雾时间可控制到0.1秒每次。
- 精确地喷涂到切削区域，对刀具和工件进行冷却润滑。
- 对于工作环境要求较高的场合。
- 适用于各种金属切削加工场合。
- 适用液体为纯净润滑油、微量植物油等。
- 油/气冷却润滑加工可延长刀具寿命，提高生产效率和品质。
- 降低加工成本提高环境保护，经实际测试可降低刀具磨损耗20%-200%，电力消耗测试比水泵浦减少40%用电量。
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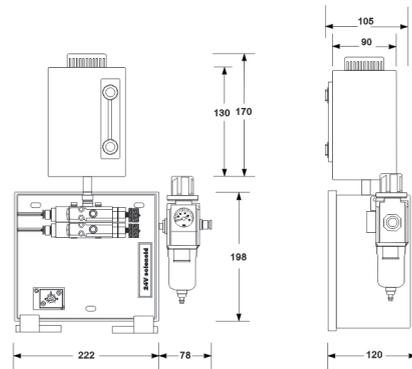
型号 Model	YSHT-MQL3551A
容量 Reservoir capacity	1L 2L 4L 8L 20L
控制方式 Control type	PLC
保护箱 Protective Shell	√
电压 Voltage	AC220V/DC24V
电磁阀 Solenoid valve	√
缺油报警 Level switch	Optional
空气入口径 Air inlet thread	1/4PT
液体入口径 Liquid inlet thread	Air 8mm Oil 4mm
泵浦供油量 Oil supply volume	0.005-0.04cc
泵浦供油频率 Oil supply frequency	1-15sec
最大使用压力 Max operating pressure	8 bar
环境温度 Working temperature	5° C-60° C

MQL微量喷雾泵 MQL Pump Units

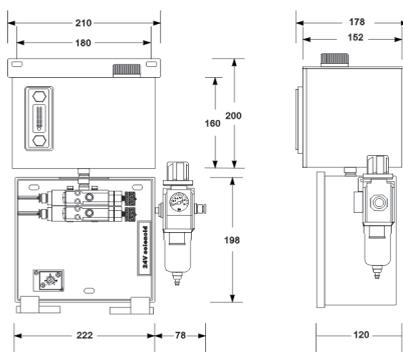
尺寸图 Dimensional drawings



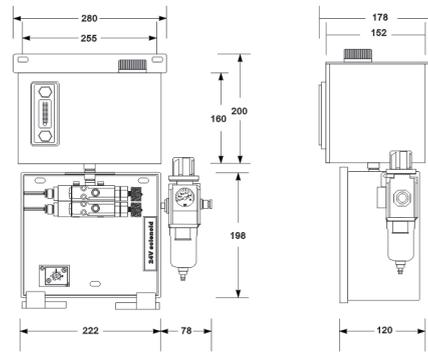
透明油箱 (0.8 liter plastic tank)



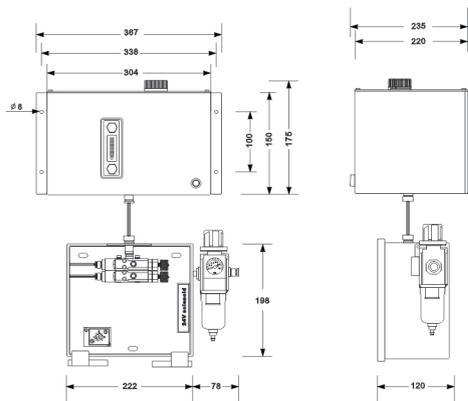
金属油箱 (1 liter Iron tank)



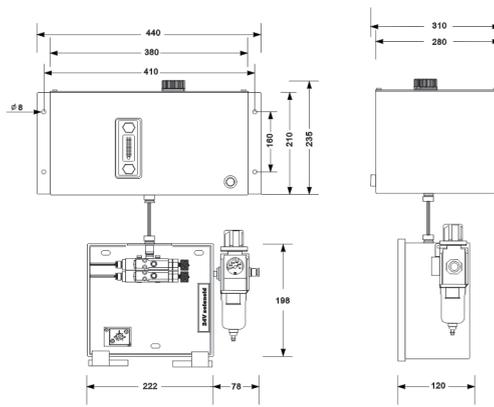
金属油箱 (2 liter Iron tank)



金属油箱 (4 liter Iron tank)



金属油箱 (10 liter Iron tank)



金属油箱 (20 liter Iron tank)

气量调整
手动气量调节按钮



逆时针旋转气量大
顺时针旋转气量变小

频率调整
手动频率调节按钮



逆时针旋转频率变快
顺时针旋转频率变慢



油量调整
手动油量调节按钮



逆时针旋转出油量大
顺时针旋转出油量小

电磁阀
按需选配即可

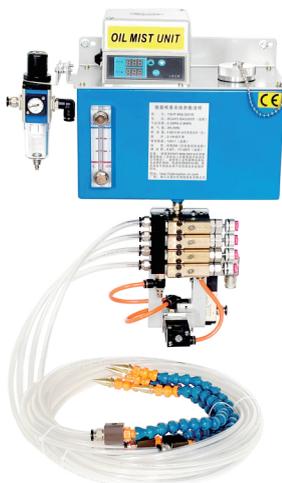
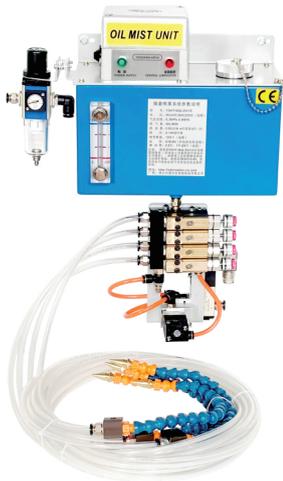




- Oil inlet 加油口
- Oil Filler 内置精密滤网
- Metal Tank 金属油箱
- Air inlet 空气入气口 (5-6bar)
- Precision Pump Body 精密泵体
- Solenoid Valve 电磁阀
- Spray Nozzles 通用喷头
- Air hoses 气管
- Level Switch 液位显示计
- Dust Protection Box 防尘保护箱
- Air Oil Connector 油气接管
- Air Inlet 进气口
- Air Volume Control Valve 气量调节阀
- Pulse Control Valve 脉冲调节阀

YSHT-MQL3551B

■ 功能特点 Features



- 提高刀具寿命，与切削速度。
 - 不产生废液及油屑混合物，有效改善环境及预防产业环境污染。
 - 最低价的加工成本，每8小时约28-38ml的用量消耗。
 - 刀具寿命延长，提高加工品质减少工艺不良率。
 - MQL微量润滑油适用所有的金属材质加工使用。
 - 改善环境的唯一高效加工方式。
 - 也可用于除臭、防锈、防疫、食品等领域，使用范围广泛。
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 - Low processing cost, oil consumption is about 28-38ml every 8 hours.
 - Improve processing quality and reduce process defect rate.
 - MQL special lubricant is suitable for all metal material processing.
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 - Also can be used in many fields such as deodorization, rust prevention, epidemic prevention, food, etc.
 - Pulse control, the spray time accuracy reaches 0.1 second each time, time control is more precise.

■ 规格表 Specifications

型号 Model	YSHT-MQL3551B
容量 Reservoir capacity	1L 2L 4L 8L 20L
控制方式 Control type	PLC
保护箱 Protective Shell	×
电压 Voltage	AC220V/DC24V
电磁阀 Solenoid valve	√
缺油报警 Level switch	Optional
空气入口径 Air inlet thread	1/4PT
液体入口径 Liquid inlet thread	Air 8mm Oil 4mm
泵浦供油量 Oil supply volume	0.005-0.03cc
泵浦供油频率 Oil supply frequency	1-15sec
最大使用压力 Max operating pressure	8 bar
环境温度 Working temperature	5° C-60° C

YSHT-MQL3551C

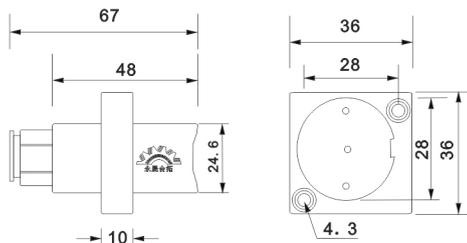
■ 功能特点 Features



- 提高刀具寿命，与切削速度。
- 不产生废液及油屑混合物，有效改善环境及预防产业环境污。
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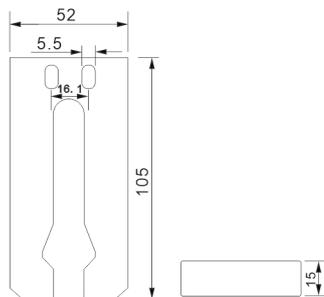
■ 规格表 Specifications

型号 Model	YSHT-MQL3551C
容量 Reservoir capacity	1L 2L 4L 8L 20L
控制方式 Control type	PLC
保护箱 Protective Shell	×
电压 Voltage	×
电磁阀 Solenoid valve	×
缺油报警 Level switch	×
空气入口径 Air inlet thread	1/4PT
液体入口径 Liquid inlet thread	Air 8mm Oil 4mm
泵浦供油量 Oil supply volume	0.005-0.03cc
泵浦供油频率 Oil supply frequency	1-15sec
最大使用压力 Max operating pressure	8 bar
环境温度 Working temperature	5° C-60° C

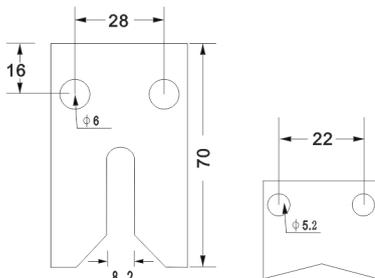


■ 功能特点 Features

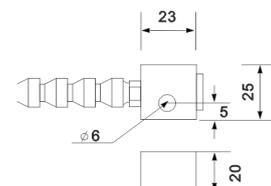
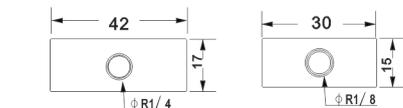
- 圆锯专用喷头，配合MQL喷雾泵使用。
- 喷头使用三个角度设计，适用于带锯或圆锯等喷雾。
- Special nozzle for MQL units.
- The nozzles are designed with three angles, suitable for band saws and circular saws.



型号 Model	CS-130-3	DS-89-2-2
空气入口径 Air inlet thread	10mm	10mm
液体入口径 Liquid inlet thread	4mm	4mm
标准喷雾管长 Hose length	×	×
阀体材质 Valve body	Aluminum alloy	Aluminum alloy
耗油量 Lubricant consumption	0.005-0.03cc/min	0.005-0.03cc/min
喷雾角度 Spray angle	130°	89°
配带安装片 Mounting slice	✓	×
用油范围 Coolant viscosity range	30-46cst.	30-46cst.
气压范围 Air source pressure range	5-8kgf/cm2	5-8kgf/cm2



型号 Model	DS-90-3	DS-135-2
空气入口径 Air inlet thread	10mm	10mm
液体入口径 Liquid inlet thread	4mm	4mm
标准喷雾管长 Hose length	×	×
阀体材质 Valve body	Aluminum alloy	Aluminum alloy
耗油量 Lubricant consumption	0.005-0.03cc/min	0.005-0.03cc/min
喷雾角度 Spray angle	90°	135°
配带安装片 Mounting slice	✓	×
用油范围 Coolant viscosity range	30-46cst.	30-46cst.
气压范围 Air source pressure range	5-8kgf/cm2	5-8kgf/cm2



型号 Model	AS-300-1	AS-300-2
空气入口径 Air inlet thread	10mm	10mm
液体入口径 Liquid inlet thread	4mm	4mm
标准喷雾管长 Hose length	300	300
管材质 Hose material	Plastic	Metal
阀体材质 Valve body	Aluminum alloy	Aluminum alloy
耗油量 Lubricant consumption	0.005-0.03cc/min	0.005-0.03cc/min
配带安装片 Mounting slice	×	×
用油范围 Coolant viscosity range	30-46cst.	30-46cst.
气压范围 Air source pressure range	5-8kgf/cm2	5-8kgf/cm2

MQL微量润滑系统简介:

机器使用者可以通过使用微量润滑系统 (MQL) 显著降低生产成本。由于更精确的表面加工, 这些系统可以实现更长的刀具寿命, 提高产品质量。微量润滑系统系统不需要冷却润滑剂, 因此可以节约润滑剂、相关的润滑剂过滤器、制备系统的成本和处置。此外还不需要清理工件和碎屑。

MQL introduction:

Machine operators can reduce production costs significantly by using minimal quantity lubrication systems (MQL).

These systems provide longer tool life and improved production quality due to more precise surface machining.

Because MQL systems do not require cooling lubricant, the cost of that lubricant, its associated lubricant filters, preparation systems and disposal is eliminated. Also workpieces and chippings do not need to be cleaned.

MQL微量润滑系统的特点:

- 延长切削工具使用寿命。
- 提高切削速度, 提高生产效率。
- 降低维护成本。
- 实现了更好的加工表面质量。
- 降低燃料消耗及CO2排放量。

Features:

- Extends the service life of the cutting tool.
- Increases productivity with higher cutting speed.
- Reduces maintenance costs.
- Enables better machining surface and quality.
- Reduces energy consumption and CO2 emissions.

应用范围 Applications:

- 磨粉 Milling
- 滚动 Rolling
- 切割 Cutting
- 钻孔 Drilling
- 打孔 Boring
- 成形 Forming

规格表 Specifications

型号 Model	YSHT2551A-A	YSHT2551A-B	YSHT2551A-C
外观	透明液体	透明液体	透明液体
颜色	淡红色	淡蓝色	淡黄色
适用金属品种	铝材 亚克力等	铝材 铜材亚克力等	钢材 铜材等
黏度	42Cst	38Cst	40Cst
闪火点	>320C	>330C	>350C
负荷能力	中高	中高	高
基础油	Oil	Oil	Oil
氯含量	×	×	×
抗冻温度	-26C	-26C	-26C
金属腐蚀测试	×	×	×
铜腐蚀	×	×	×
铝腐蚀	×	×	×
空气中燃爆上限	28.8	28.8	28.8
空气中燃爆下限	39.6	39.6	39.6



■ 功能特点 Features

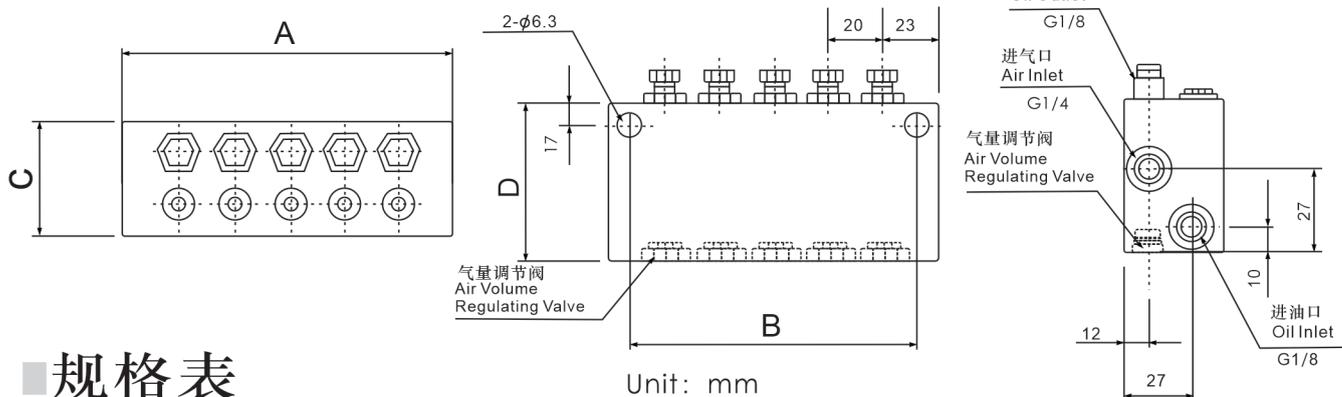
MIX-S



- 通过压缩空气将极少量润滑油雾化、分散并均匀送入润滑点，既保证润滑，
- 又避免油量过多导致发热或污染。
- 压缩空气可带走摩擦产生的热量，并在润滑点形成气帘，防止粉尘和杂质进入。
- 在高速主轴和高速轴承应用中，油气混合润滑能有效减少摩擦发热，提高设备运转的稳定性和寿命。
- 用油量极低，降低润滑油消耗，减少废油排放。
- 系统通常配有控制器，可精准控制供油周期、供油量和空气流量，实现自动化和智能化润滑管理。
- 在减少磨损和温升的同时，确保润滑点处于最佳润滑状态，显著延长主轴和轴承的使用寿命。
- 广泛应用于轴承、电主承、链条、加工中心、机器人、食品等设备。
- Precise Micro-Lubrication
- Cooling and Cleaning Effect
- Ideal for High-Speed Applications
- Energy-Saving and Eco-Friendly
- High Controllability
- Extended Equipment Lifetime
- Widely used in bearings, electric main bearings, chains, machining centers, robots, food and other equipment

■ 尺寸图

Dimensional drawings



■ 规格表

Specifications

型号 Model	出油口数 Outlet Number	吐油量 Discharge Volume	A	B	C	D	Weight
MIX-S1	1	0.01	64	50	38	64	0.49
MIX-S2	2		64	50	38	64	0.49
MIX-S3	3	0.03	84	70	38	64	0.65
MIX-S4	4	0.1	104	90	38	64	0.81
MIX-S5	5	0.16	124	110	38	64	0.96
MIX-S6	6	0.2	144	130	38	64	1.12

功能特点 Features

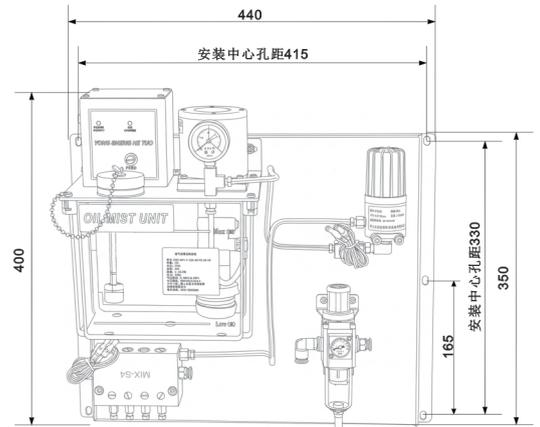
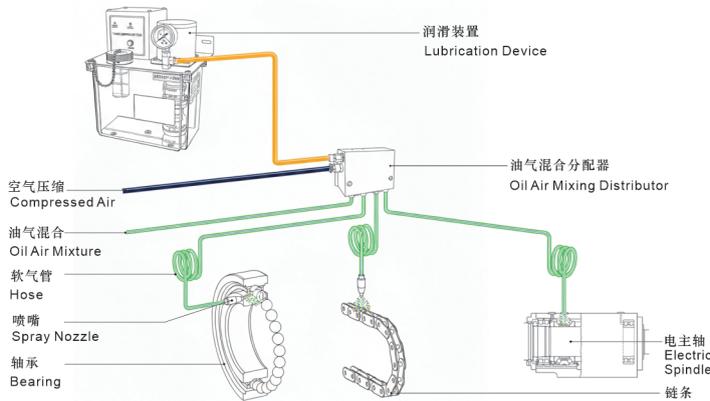
YSHT-MIX



- 本机为脱压式电动注油机，须搭配MIX-S型油气容积式分配器，以充分发挥油气混合效果。
- MIX型油气容积式分配器特点是“油量固定”，亦即每个润滑点可获得同样的润滑油量。
- 附压力开关装置，出厂设定启动压力为20kgf/cm，可检查油路有无破损，并确保润滑点所需之润滑油量。压力开关标准规格为Nc常闭接点，即压力没有达到预设值时会产生异常讯号。
- 由本厂控制器（选配）控制动作与间歇时间，控制器显示屏附有动作、异常与间歇指示灯。
- 附调压阀装置，可调整压力，并可由压力表查知。
- 附有浮动开关，即液位检知装置，标准规格为下通电接点，油量过低时，能自动发出异常讯号。
- 采用特殊合金钢的齿轮泵浦与感应式马达相互搭配，使用寿命长，具稳定之输出压力。
- This is pressure relief type electric lubrication oil pump, it must be used with a MIX-S oil-air volumetric distributor to give full play to the oil-air mixing effect.
- The MIX-S oil-air volumetric distributor is characterized by "fixed oil volume", that is each lubrication point can obtain the same amount of lubricating oil.
- With a pressure switch, the factory-set starting pressure is 20kgf/cm, which can check whether the oil circuit is damaged and ensure the amount of lubricating oil required by the lubrication point. The standard configuration of the pressure switch is a normally closed contact (NC), which means an abnormal signal will be generated when the pressure does not reach the preset value.
- The action and intermittent time are controlled by the built-in controller (optional), and the controller display is equipped with action, abnormality and intermittent indicator lights.
- Equipped with a pressure regulating valve, the pressure can be adjusted according to actual conditions.
- Equipped with a level switch, the standard configuration is a lower power contact, which can automatically send an abnormal signal when the oil level is too low.

尺寸图

Dimensional drawings



Unit: mm

规格表

Specifications

型号 Model	工作时间 Working time	电压(V) Voltage	功率 (W) Power	最大吐出量 Max Discharge Volume	最大吐出压力 Max Output Pressure	空气压力 Air Pressure Range	吐出口径 Mix Outlet	用油粘度 Viscosity Range
YSHT-MIX	半自动 PLC	1-999秒(sec)	AC220V	45	250cc/min	2.5Mpa	4mm 6mm	32-68#
	全自动 Built-in controller			60	500cc/min	4 Mpa		

YSHT-MQL-OWA

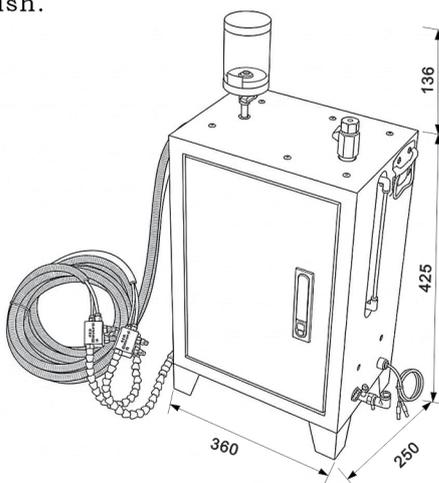
■ 功能特点 Features



- 该设备集合油、水、气三者的润滑冷却系统。
- 将微量植物油、低浓度水溶性切削液和压缩空气在喷嘴处混合雾化，兼具润滑、冷却及排屑功能。
- 在传统微量润滑的基础上引入水的相变冷却机制，使润滑与冷却兼备，特别适用于热量集中、切削温度高的工况。
- 采用独立的油、气、水三路控制，通过电磁阀、油泵、水量调节阀及组合喷头进行精准供给。
- 尤其适合散热需求大、又要求表面质量优良的材料。
- This equipment integrates an oil, air, and water lubrication and cooling system.
- A small amount of vegetable oil, a low concentration of water-soluble cutting fluid, and compressed air are mixed and atomized at the nozzle, providing lubrication, cooling, and chip removal functions.
- Based on traditional micro-lubrication, it introduces a phase-change cooling mechanism using water, achieving both lubrication and cooling, making it particularly suitable for operating conditions with concentrated heat and high cutting temperatures.
- It employs independent three-way control for oil, air, and water, with precise supply via solenoid valves, an oil pump, a water flow regulating valve, and a combination of nozzles.
- It is especially suitable for materials requiring high heat dissipation and excellent surface finish.

■ 尺寸图

Dimensional drawings



Unit: mm

■ 规格表

Specifications

型号 Model	YSHT-MQL-OWA
空气入口径 Air inlet thread	φ10-12 mm
液体入口径 Liquid inlet thread	4mm
标准喷雾管长 Hose length	300/470
电源 Power supply	DC24V/AC220V
喷嘴数量 Number of nozzles	1-4
燃油消耗量 Fuel consumption	1-180ml/h
水消耗量 Water consumption	5-1500ml/h
默认水箱容量 Default water tank	5000 ml
默认燃油箱容量 Default fuel tank	650 ml
用油范围 Coolant viscosity range	30-68cst.
气压范围 Air source pressure	0.6-0.8 Mpa

YS-BPV-C



YS-CS-C



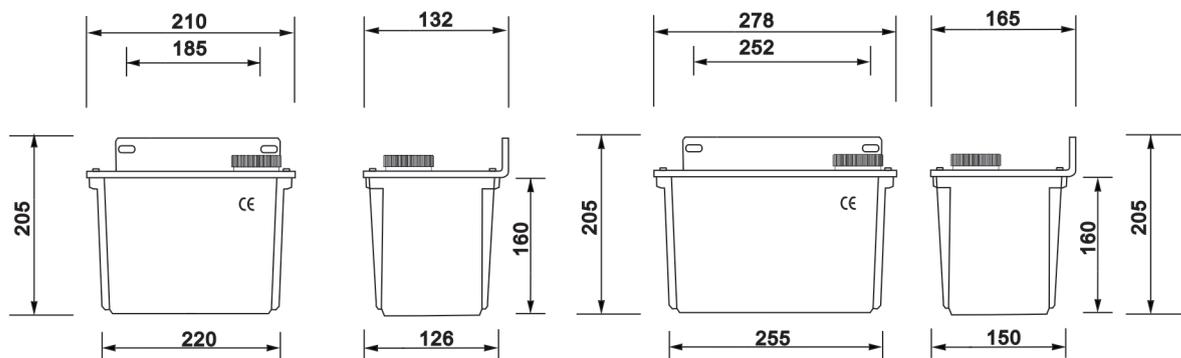
■ 功能特点 Features

- 体积小，安装简易方便，配有安装孔位。
- 蓝色二流体曲管密封性强，弯曲度大，可自由调节弯曲角度。
- 可单独调节喷雾器的油量和气量，冷却雾化效果佳。
- 推荐使用洁净不带腐蚀性液体及油品。
- Compact, include mounting holes, easy to install.
- Adopt blue two fluid curved hose, strong sealing and good flexibility, spray angle can be adjusted flexibly.
- Coolant and air volume can be adjusted seperately, cooling effect more better.

- 体积小，安装简易方便，配有安装孔位。
- 专业圆锯喷头，三个角度喷射，喷雾效果集中。
- 可单独调节喷雾器的油量和气量，冷却雾化效果佳。
- 推荐使用洁净不带腐蚀性液体及油品。
- Circular saw spray nozzle, spray in three angles at the same time.
- Coolant and air volume can be adjusted individually, cooling effect more better.
- Use clean, non-corrosive liquids and oils.

■ 尺寸图

Dimensional drawings



2升 (2 liter)

Unit: mm

4升 (4 liter)

■ 规格表

Specifications

型号 Model	YS-BPV-C	YS-CS-C
容量 Reservoir capacity	2L/4L/8L/20L	2L/4L/8L/20L
空气入口径 Air inlet	6mm	6mm
液体入口径 Liquid inlet	4mm	4mm
标准喷雾管长 Sprayer hose length	300mm	×
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	YS-BPV-3000-III/YSHT-U/YSHT-D	CS-1200
用油范围 Coolant viscosity range	0-68cst.	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²

YS-BPV-CP



YSHT-CP

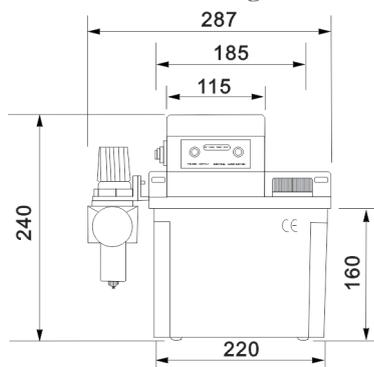


功能特点 Features

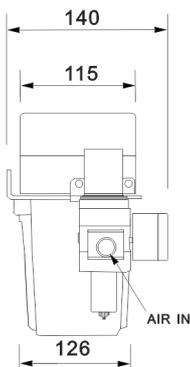
- 配置电磁阀控制气源，能与机器联动，并带液位报警。
- 喷雾管有蓝色竹节管和可弯曲金属管。
- 可单独调节喷雾器的油量和气量，冷却雾化效果佳。
- 推荐使用洁净不带腐蚀性液体及油品。
- 使用润滑油约7cc/min,使用水约16cc/min。
- Equipped with solenoid valve to control the air source.
- Equipped with level switch to alarm low level.
- Can be linked together with the machine.
- Plastic and metal hose are optional.
- Liquid and air volume can be adjusted separate, more better cooling effect.
- It is recommended to use clean, non-corrosive liquids and oils.
- Lubricant consumption: 7cc/min, water consumption: 16cc/min.

尺寸图

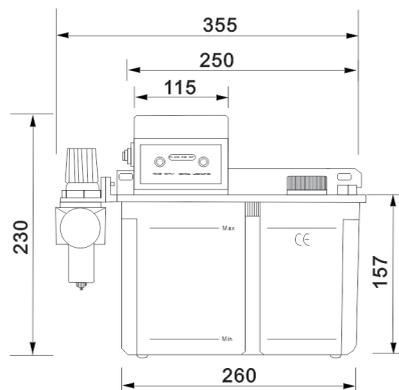
Dimensional drawings



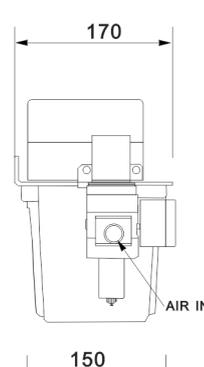
2升 (2 liter)



Unit: mm



4升 (4 liter)



规格表

Specifications

型号 Model	YS-BPV-CP	YSHT-CP
容量 Reservoir capacity	2L/4L/8L/20L	2L/4L/8L/20L
控制方式 Control type	PLC	PLC
电压 Voltage	AC220V/AC110V/DC24V	AC220V/AC110V/DC24V
电磁阀 Solenoid valve	✓	✓
缺油报警 Level switch	✓	✓
空气入口径 Air inlet	6mm	6mm
液体入口径 Liquid inlet	4mm	4mm
标准喷雾管长 Sprayer hose length	300mm	300/470mm
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	YS-BPV-3000-III	YSHT-U/YSHT-D
用油范围 Coolant viscosity range	0-68cst.	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²

YS-CS-CP

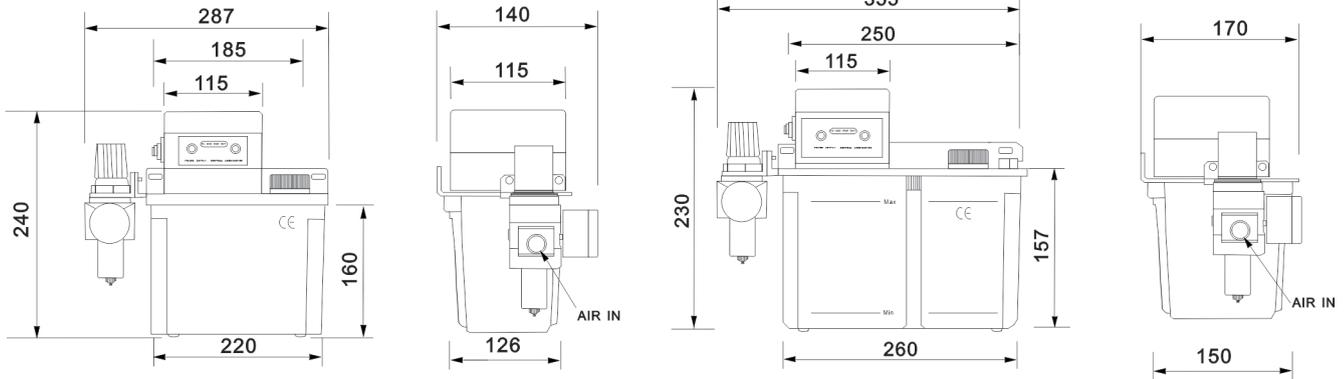


■ 功能特点 Features

- 配置电磁阀并与机器联动，并带液位报警。
- 配置圆锯专用喷头，适合圆锯机，带锯机专用。
- 可单独调节喷雾器的油量和气量，冷却雾化效果佳。达到有效的降低成本的目标。
- 推荐使用洁净不带腐蚀性液体及油品。
- Equipped with solenoid valve to control the air source.
- Equipped with level switch to alarm low level. Can be linked together with the machine.
- Equipped with special nozzles for circular saws. Liquid and air volume can be adjusted individually, more better cooling effect.
- It is recommended to use clean, non-corrosive liquids and oils.
- Lubricant consumption: 5cc/min, water consumption: 15cc/min.

■ 尺寸图

Dimensional drawings



2升 (2 liter)

4升 (4 liter)

Unit: mm

■ 规格表

Specifications

型号 Model	YS-CS-CP
容量 Reservoir capacity	2L/4L/8L/20L
控制方式 Control type	PLC
电压 Voltage	AC220V/AC110V/DC24V
电磁阀 Solenoid valve	✓
缺油报警 Level switch	✓
空气入口径 Air inlet	6mm
液体入口径 Liquid inlet	4mm
气管长度 Air hose length	3000mm
喷雾器型号 Coolant hose kit	CS-1200
用油范围 Coolant viscosity range	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²

YS-CS-CP

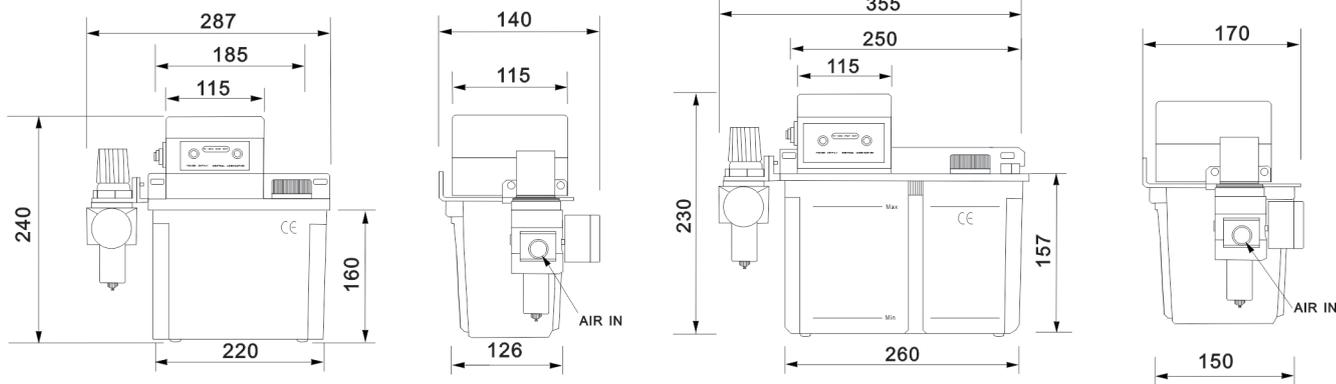


■ 功能特点 Features

- 配置电磁阀并与机器联动，并带液位报警。
- 配置圆锯专用喷头，适合圆锯机，带锯机专用。
- 可单独调节喷雾器的油量和气量，冷却雾化效果佳。达到有效的降低成本的目标。
- 推荐使用洁净不带腐蚀性液体及油品。
- Equipped with solenoid valve to control the air source.
- Equipped with level switch to alarm low level. Can be linked together with the machine.
- Equipped with special nozzles for circular saws. Liquid and air volume can be adjusted individually, more better cooling effect.
- It is recommended to use clean, non-corrosive liquids and oils.
- Lubricant consumption: 5cc/min, water consumption: 15cc/min.

■ 尺寸图

Dimensional drawings



2升 (2 liter)

Unit: mm

4升 (4 liter)

■ 规格表

Specifications

型号 Model	YS-CS-CP
容量 Reservoir capacity	2L/4L/8L/20L
控制方式 Control type	PLC
电压 Voltage	AC220V/AC110V/DC24V
电磁阀 Solenoid valve	✓
缺油报警 Level switch	✓
空气入口径 Air inlet	6mm
液体入口径 Liquid inlet	4mm
气管长度 Air hose length	3000mm
喷雾器型号 Coolant hose kit	CS-1200
用油范围 Coolant viscosity range	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²

YS-BPV-CA



■ 功能特点 Features

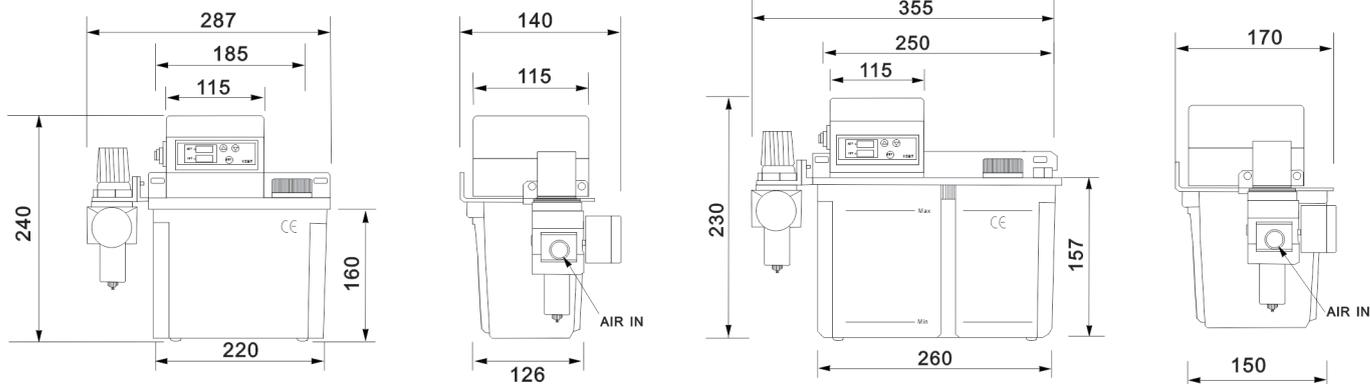
- 全自动数码设置工作时间，配置电磁阀控制气源，并带空气过滤。
- 配带缺油液位报警。
- 喷雾管有蓝色竹节管和可弯曲金属管。
- 可单独调节喷雾器的油量和气量，冷却雾化效果佳。
- 推荐使用洁净不带腐蚀性液体及油品。
- 使用润滑油约7cc/min,使用水约16cc/min。
- Timer control.
- Equipped with solenoid valve to control the air source.
- Equipped with level switch to alarm low level.
- Plastic and metal hose are optional.
- Liquid and air volume can be adjusted individually.
- It is recommended to use clean, non-corrosive liquids and oils.
- Lubricant consumption: 7cc/min, water consumption: 16cc/min.

YSHT-CA



■ 尺寸图

Dimensional drawings



2升 (2 liter)

Unit: mm

4升 (4 liter)

■ 规格表

Specifications

型号 Model	YS-BPV-CA	YSHT-CA
容量 Reservoir capacity	2L/4L/8L/20L	2L/4L/8L/20L
控制方式 Control type	Timer	Timer
电压 Voltage	AC220V/AC110V/DC24V	AC220V/AC110V/DC24V
电磁阀 Solenoid valve	✓	✓
缺油报警 Level switch	✓	✓
空气入口径 Air inlet	6mm	6mm
液体入口径 Liquid inlet	4mm	4mm
标准喷雾管长 Sprayer hose length	300mm	300/470mm
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	YS-BPV-3000-III	YSHT-U/YSHT-D
用油范围 Coolant viscosity range	0-68cst.	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²

YS-BPV-AG

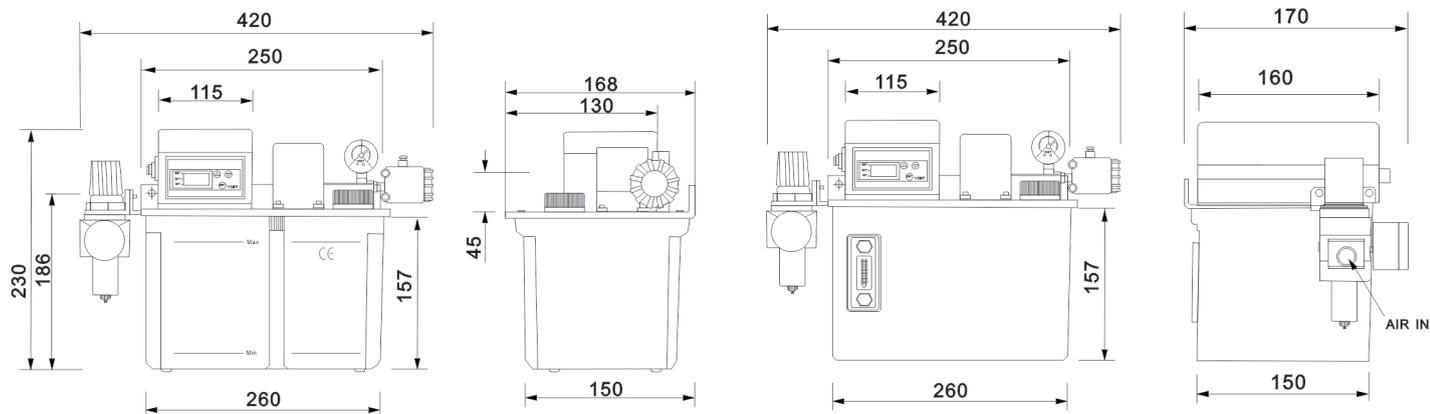


功能特点 Features

- 全自动双显可设置工作时间，配置电磁阀控制气源，带液位报警。
- 齿轮式油泵配置连续型工作电机，可长时间连续喷雾。
- 可单独调节喷雾器的油量和气量，可减少使用油量。
- 金属油箱防锈防振动，提高生产效率和品质。
- 适用于纯净润滑油、微量植物油。
- Dual digital panel timer control, achieve fully automatic, free hands Solenoid valve ready to control the air source.
- Level switch ready to alarm when low level.
- Long-running motor ready, can work continuously.
- Liquid and air volume can be adjusted individually, use oil more accurately.
- Anti-rust and anti-vibration metal tank, less worry.
- Can use lubricating oil and vegetable oil.

尺寸图

Dimensional drawings



透明油箱 (4 liter Plastic tank)

Unit: mm

金属油箱 (4 liter Iron tank)

规格表

Specifications

型号 Model	YS-BPV-AG	YS-BPV-AG-M
容量 Reservoir capacity	4L(Plastic)	4L/8L/20L (IRON)
控制方式 Control type	Timer	Timer
电压 Voltage	AC220V	AC220V
电磁阀 Solenoid valve	✓	✓
缺油报警 Level switch	✓	✓
齿轮泵 Gear pump	✓	✓
空气入口径 Air inlet	6mm	6mm
液体入口径 Liquid inlet	4mm	4mm
标准喷雾管长 Sprayer hose length	300mm//470mm	300/470mm
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	YS-BPV-3000-III YSHT-D YSHT-U	YS-BPV-3000-III YSHT-D YSHT-U
用油范围 Coolant viscosity range	30-68cst.	30-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²

YS-BPV-PG

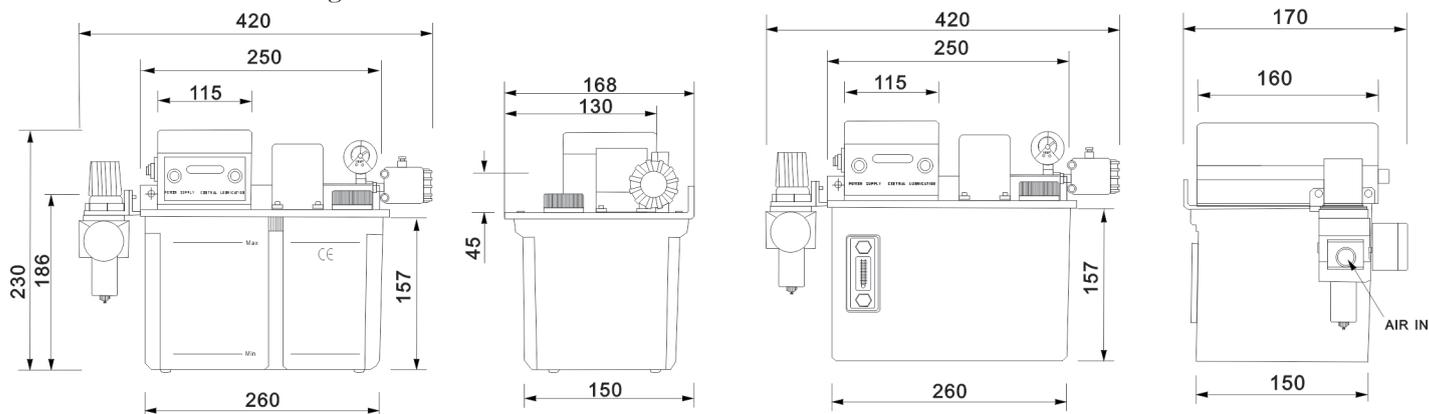


■ 功能特点 Features

- PLC控制工作时间，可与机器联动，配置电磁阀控制气源。
- 齿轮式油泵配置连续型工作电机，可长时间连续喷雾。
- 可单独调节喷雾器的油量和气量，可减少油量使用。
- 金属油箱防锈防振动，提高生产效率和品质。
- 带缺油报警和空气过滤。
- 适用于纯净润滑油、微量植物油。
- Can be linked together with the machine.
- Level switch ready to alarm when low level.
- Long-running motor ready, can work continuously.
- Liquid and air volume can be adjusted individually, use oil more accurately.
- Anti-rust and anti-vibration metal tank, less worry.
- Can use lubricating oil and vegetable oil.

■ 尺寸图

Dimensional drawings



■ 规格表

Specifications

透明油箱 (4 liter Plastic tank)

Unit: mm

金属油箱 (4 liter Iron tank)

型号 Model	YS-BPV-PG	YS-BPV-PG-M
容量 Reservoir capacity	4L(Plastic)	4L/8L/20L (IRON)
控制方式 Control type	PLC	PLC
电压 Voltage	AC220V	AC220V
电磁阀 Solenoid valve	✓	✓
缺油报警 Level switch	✓	✓
齿轮泵 Gear pump	✓	✓
空气入口径 Air inlet	6mm	6mm
液体入口径 Liquid inlet	4mm	4mm
标准喷雾管长 Sprayer hose length	300mm//470mm	300/470mm
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	YS-BPV-3000-III YSHT-D YSHT-U	YS-BPV-3000-III YSHT-D YSHT-U
用油范围 Coolant viscosity range	30-68cst.	30-68cst.
气压范围 Air source pressure range	5-7kgf/cm2	5-7kgf/cm2

YSHT-CW-PG



YSHT-CW-AG



■ 功能特点 Features

- 全自动或半自动控制，配置电磁阀控制气源。
- 油量大，冷却性能佳，润滑性高。
- 可单独调节喷雾器的油量和气量，冷却雾化效果好。
- 达到有效的降低成本的目标。
- 适用液体为纯净润滑油、微量植物油等。

Full-auto and semi-auto optional, include solenoid valve.

Big spray volume, better lubricating effect and cooling effect.

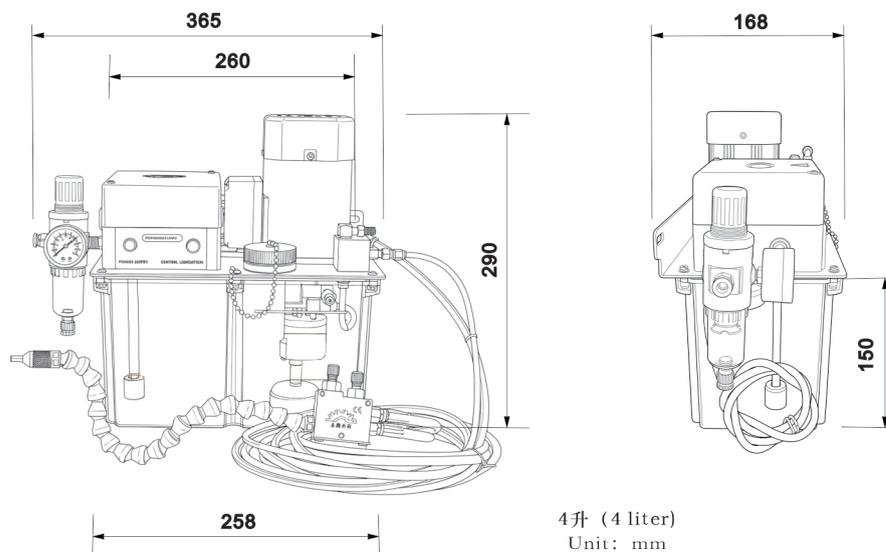
Coolant and air volume can be adjusted individually, cooling effect more better.

Can effectively reduce costs.

Please use pure lubricating oil and vegetable oil.

■ 尺寸图

Dimensional drawings



■ 规格表

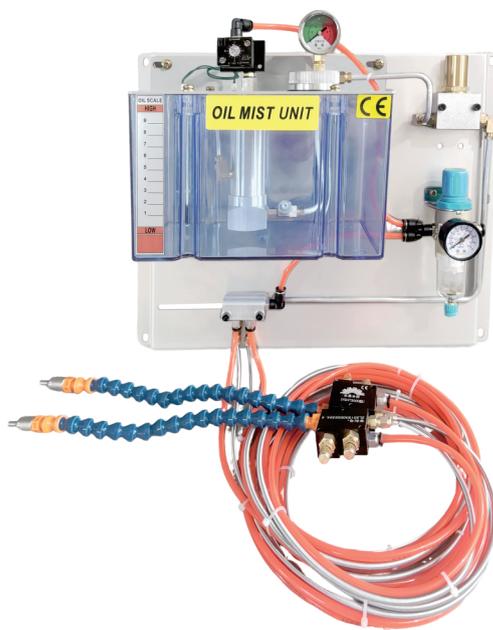
Specifications

型号 Model	YSHT-CW-AG	YSHT-CW-PG
容量 Reservoir capacity	4L/8L/20L	4L/8L/20L
控制方式 Control type	Timer	PLC
电压 Voltage	AC220V	AC220V
功率 Power	60W	60W
电磁阀 Solenoid valve	✓	✓
缺油报警 Level switch	✓	✓
齿轮泵 Gear pump	✓	✓
空气入口径 Air inlet	6mm	6mm
液体入口径 Liquid inlet	4mm	4mm
标准喷雾管长 Sprayer hose length	300mm//470mm	300/470mm
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	6000-III/YSHT-D	6000-III/YSHT-D
用油范围 Coolant viscosity range	30-68cst.	30-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²

YSHT-P210-MIX-P



YSHT-P210-C-P



■ 功能特点 Features

- 气动泵工作原理配置电磁阀。
- 配有油气混合分配器。
- 脉冲控制喷雾时间更精准，喷雾时间可控制到0.1秒每次。
- 可单独调节喷雾器的油量和气量。
- 对于工作环境要求较高的场合。
- 适用于各种机床金属切削加工场合。
- 适用液体为纯净润滑油、微量植物油等。

Include solenoid valve.

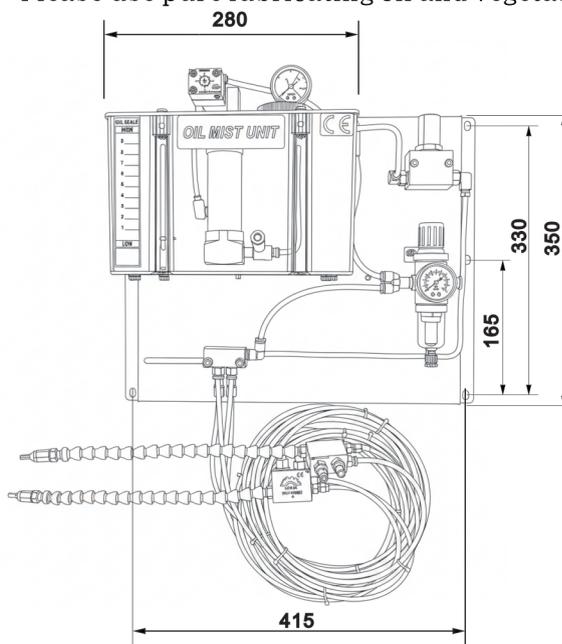
Using pulse control, more precise control of spray time.

Coolant and air volume can be adjusted individually, cooling effect more better.

Suitable for all kinds of metal cutting processing applications.

Suitable for high demand applications.

Please use pure lubricating oil and vegetable oil.



■ 规格表

Specifications

型号 Model	YSHT-P210-MIX-P	YSHT-P210-C-P
容量 Reservoir capacity	2L/4L	2L/4L
控制方式 Control type	PLC	PLC
电压 Voltage	DC24V/AC220V	DC24V/AC220V
油气混合分配器 Oil air mix distributor	✓	×
电磁阀 Solenoid valve	✓	✓
缺油报警 Level switch	✓	✓
活塞泵 Piston pump	✓	✓
空气入口径 Air inlet	8mm	6mm
液体入口径 Liquid inlet	6mm	4mm
标准喷雾管长 Sprayer hose length	×	300mm//470mm
气管长度 Air hose length	3000mm	3000mm
喷雾器型号 Coolant hose kit	×	3000-III
用油范围 Coolant viscosity range	10-1000cst.	10-1000cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²

YSHT-BA

■ 功能特点 Features

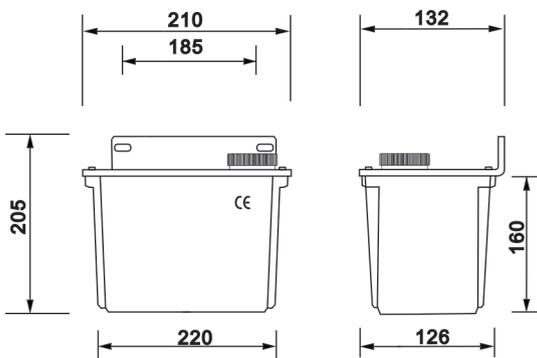
- 自动滴油，带电磁阀控制。 Include solenoid valve. Auto dripping.
- 可调节油量大小，操作简单方便。 Volume adjustable, easy operation.
- 滴油速率大小可调节，可与客户机器连接动作。 Drip rate adjustable.



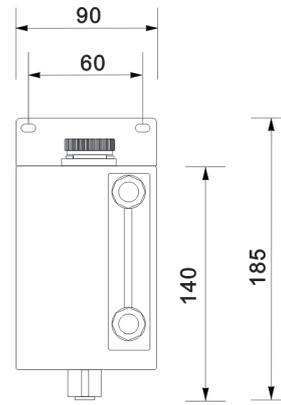
型号 Model	YS-BPV-NYB100
容量 Reservoir capacity	100CC
电磁阀 Solenoid valve	Optional
空气入口径 Air inlet	6mm
喷雾头数量 Coolant hose kit number	1
气管长度 Air tube length	3000mm
用油范围 Coolant viscosity range	0-68cst.

■ 尺寸图

Dimensional drawings

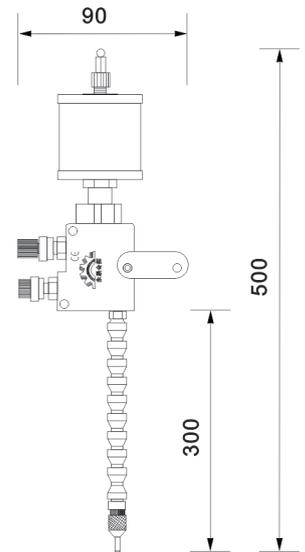


2升 (2 liter)



1升 (1 liter)

Unit: mm



■ 规格表

Specifications

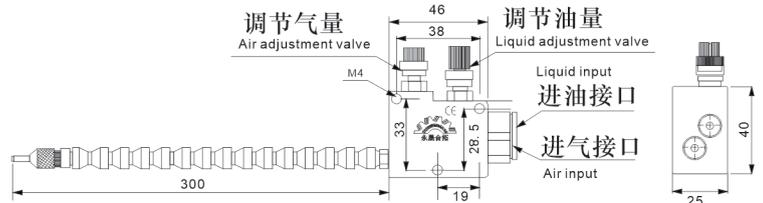
型号 Model	YSHT-BA1	YSHT-BA2	YSHT-BA3
容量 Reservoir capacity	3L/4L	3L/4L	0.6L/1L/2L/4L
油箱材质 Tank material	Plastic	Plastic	Iron
电磁阀 Solenoid valve	√	√	×
连接部件 Connecting parts	Copper tube	Brush	Brush
液体要求 Liquid requirement	Oil/Water	Oil/Water	Oil/Water
配管长度 Tube length	300mm	300mm	×
用油范围 Coolant viscosity range	0-68cst	0-68cst	0-68cst



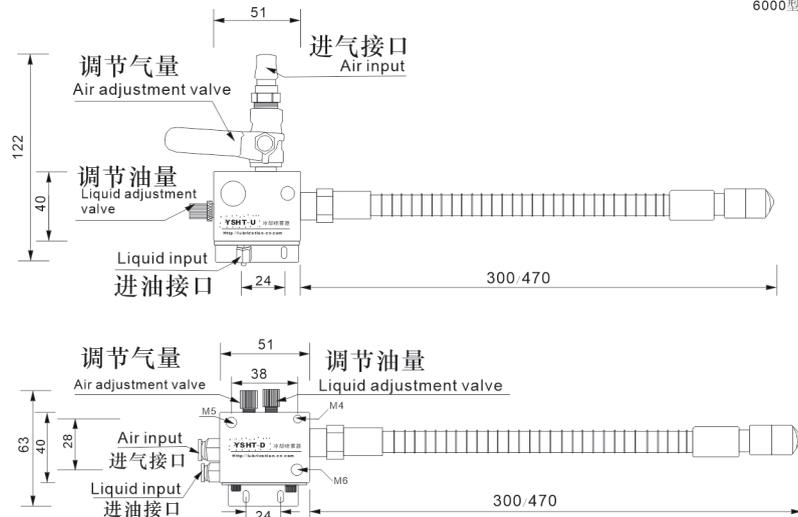
■ 功能特点 Features

- 自吸式原理，可洁净加工环境
- 可调节油量气量大小，操作简单方便。
- 提高加工精度，可与客户机器连接动作。
- Based on the self-priming principle, easy to use.
- Both the oil volume and the air volume are individually adjustable and easy to operate.
- Can effectively improve processing accuracy.

型号 Model	YSHT-3000-III	YSHT-6000-III
空气入口径 Air inlet thread	6mm	6mm
液体入口径 Liquid inlet thread	4mm	4mm
标准喷雾管长 Hose length	225/300mm	300mm
管材质 Hose material	Optional: Plastic/Metal	Optional: Plastic
阀体材质 Valve material	Aluminum alloy	Aluminum alloy
阀体厚度 Valve thickness	25mm	30mm
耗水量 Water consumption	16cc/min	16cc/min
耗油量 Lubricant consumption	R32:7cc/min	R32:7cc/min
配带安装片 Mounting slice	✓	✓
用油范围 Coolant viscosity range	0-68cst.	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²



3000型厚度: 25mm
6000型厚度: 30mm



型号 Model	YSHT-D	YSHT-U	CS-1200
空气入口径 Air inlet thread	6mm	6mm	6mm
液体入口径 Liquid inlet thread	4mm	4mm	4mm
标准喷雾管长 Hose length	300/470	300/470	×
管材质 Hose material	Optional: Plastic/Metal	Optional: Plastic/Metal	×
阀体材质 Valve body	Aluminum alloy	Aluminum alloy	Aluminum alloy
耗水量 Water consumption	16cc/min	16cc/min	18cc/min
耗油量 Lubricant consumption	R32:7cc/min	R32:7cc/min	R32:9cc/min
配带安装片 Mounting slice	✓	✓	✓
用油范围 Coolant viscosity range	0-68cst.	0-68cst.	0-68cst.
气压范围 Air source pressure range	5-7kgf/cm ²	5-7kgf/cm ²	5-7kgf/cm ²

