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AOTAI MACHINE MANUFACTURING CO.,LTD.

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# ORBITAL PIPE CUTTING MACHINE

## 行星式切管机

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# OSE/OSK ORBITAL PIPE CUTTING MACHINE

## OSE/OSK 行星式切管机

### 产品简介 / Overview

OSE/OSK行星式切管机是不锈钢薄壁管切割的最佳选择，本机采用麦太保电机驱动，保证强有力的动力，是管管焊前道工序的必备设备。优化设计，节省空间，操作简单，安装快捷，“自定心式”管子夹紧装置，管子不产生变形，锯片式切割头绕钢管旋转一周既可将管子切断，端面绝对垂直、无毛刺，钢管不变形，为钢管焊接提供质量保证。可切割材质：碳钢、合金钢、有色金属、工程塑料等，广泛应用于半导体、电子、啤酒、制药、生物科技、饮料、乳品、压力容器、化工、油气、船舶、水处理等行业切管加工。

OSE/OSK orbital pipe cutting machine is the best choice for stainless steel thin-wall pipe cutting. This machine adopts Metabo motor drive to ensure strong power. It is necessary equipment for pipe welding prep. The end face is absolutely vertical without burrs, and the steel pipe is not deform, providing quality assurance for the welding of steel pipes. Cuttable materials: carbon steel, alloy steel, non-ferrous metals, engineering plastics, etc., widely used in semiconductor, electronics, beer, pharmaceuticals, biotechnology, beverages, dairy, pressure vessels, chemical, oil and gas, ships, water treatment and other industries Processing.



### 产品特点 / Features

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1、快速更换刀片</li> <li>2、完全冷切割，不影响材质</li> <li>3、切口垂直不变形，端面无毛刺</li> <li>4、可安装坡口锯片同时对管子进行切割与坡口</li> <li>5、独特行星式切割，薄壁管切割最佳性价比</li> <li>6、安全性高，管道静止，切割头旋转完成加工</li> <li>7、可干切，始终保持管端清洁，切断后可直接焊接</li> <li>8、锯片与国际品牌切管机通用</li> <li>9、自动进给和手动进给可选</li> </ol> | <ul style="list-style-type: none"> <li>•Quickly install the blade</li> <li>•Cold cutting ,don't influence the pipe's material</li> <li>•Vertical incision without deformation, burr-free end surface</li> <li>•Option beveling saw for pipe cutting and beveling</li> <li>•Unique orbital cutting, thin wall tube cutting best equipment</li> <li>•High safety, stationary pipe, cutting head rotation completed</li> <li>•Dry cutting, kept cleaning, be welded directly after cutting</li> <li>•Saw blade compatible with other brand pipe cutting machine</li> <li>•OSE manual feeding, OSK automatic feeding</li> </ul> |
|--|---|

### 技术参数 / Specification

规格型号 Model		加工范围 Range	切削壁厚 Thickness		锯片转速 Rotating
手动式 Manual	自动式 Automatic	mm	CS mm	SS mm	rpm
OSE-120	OSK-120	Φ15-120	≤12	≤4	80-120
OSE-170	OSK-170	Φ30-170	≤12	≤4	80-120
OSE-220	OSK-220	Φ60-225	≤12	≤4	80-120
OSE-320	OSK-320	Φ140-330	≤12	≤4	80-120
OSE-420	OSK-420	Φ215-420	≤12	≤4	80-120
OSE-520	OSK-520	Φ315-520	≤12	≤4	80-120
OSE-620	OSK-620	Φ346-630	≤12	≤4	80-120
OSE-720	OSK-720	Φ486-760	≤12	≤4	80-120

相关技术参数仅供参考，不作为最终交货标准 Above parameters just for reference only, not acceptance criteria

### 动力参数 / Power Supplies

电源要求: 220V,50-60Hz,1P  
 锯片驱动电机: 1.3KW转速可调  
 OSK进给电机: 伺服电机0.75KW

Electric Requirements: 220V, 50-60Hz, 1P  
 Saw blade drive motor: 1.3KW  
 OSK feeding motor: Servo motor 0.75KW



### 加工刀具 / Tooling

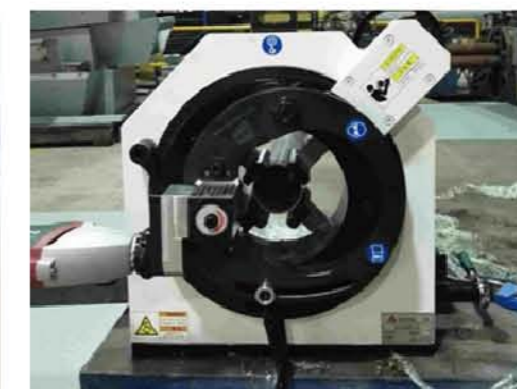
材质: M42	Material: M42
标配: 2把切割锯片	Standard: 2 pcs cutting blade
选配: 坡口锯片30°, 37°, 45°	Optional: beveling saw blade 30°, 37°, 45°



标配: 切割锯片  
Standard: cutting blade



选配: 坡口锯片  
Optional: beveling saw blade





# OSG-120 ORBITAL PIPE CUTTING MACHINE

## OSG-120 行星式切管机

### 产品简介 / Overview

OSG-120 切管机是我公司结合国内外同类产品优化设计的一款新型行星式切管机，该机采用博世电机驱动，超大功率，经久耐用。其设计紧凑，节省空间，重量轻，便于携带。人体工学电机把手，带动切割头旋转更安全、便捷。切割后，管子端面绝对垂直、无毛刺，可直接焊接，使用专用坡口锯片还可完成坡口加工，为确保焊接质量提供保证。可切割材质：碳钢、合金钢、有色金属、工程塑料等，广泛应用于半导体、电子、啤酒、制药、生物科技、饮料、乳品、压力容器、化工、油气、船舶、水处理等行业切管加工。

OSG-120 Orbital Pipe Cutting Machine is a new pipe cutting machine optimized by our company combining domestic and foreign similar products. This machine adopts Bosch motor drive, super power, durable. Its compact design saves space, is lightweight and portable. Ergonomic handle motor. Drive the cutting head to rotate more safely and conveniently. After cutting, The end face is absolutely vertical without burrs. Be welded directly, using special bevel blade may also be completed beveling, Guaranteed welding quality



### 产品特点 / Features

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1、完全冷切割，不影响材质</li> <li>2、切口垂直不变形，端面无毛刺</li> <li>3、可同时安装切割锯片和坡口锯片</li> <li>4、快速，一道切割或坡口加工仅需几秒钟</li> <li>5、安全性高，管道静止，锯片行星旋转完成切割</li> <li>6、博世电机驱动，超大功率，动力更强劲</li> <li>7、体积小，重量轻，车间作业和野外施工都适宜</li> <li>8、锯片与国际品牌切管机通用</li> </ol> | <ul style="list-style-type: none"> <li>•Cold cutting ,don't influence the pipe's material</li> <li>•Vertical incision without deformation, burr-free end surface</li> <li>•Simultaneous installation of cutting and beveling saw blades</li> <li>•Fast, cutting or bevel processing takes only a few seconds</li> <li>•High safety, the pipe is stationary, the saw blade planet rotates to complete cutting</li> <li>•Bosch motor drive, super power, more powerful</li> <li>•Small size, light weight, suitable for workshop operations and field construction</li> <li>•Saw blade compatible with other brand pipe cutting machine</li> </ul> |
|--|--|

### 技术参数 / Specification

规格型号 Model	加工范围 Range		切削壁厚 Thickness		锯片转速 Rotating rpm
	mm	OD mm	碳钢 CS mm	不锈钢 SS mm	
OSG-120	Φ10	~120	≤12	≤7	80~120

相关技术参数仅供参考，不作为最终交货标准 Above parameters just for reference only, not acceptance criteria

### 锯片驱动电机 / Saw blade drive motor

电源要求: 220V,50-60Hz,1P 功率: 2.0KW

转速: 6档可调

Electric Requirements: 220V, 50-60Hz, 1P

Power: 2.0KW

Speed: adjustable

### 加工刀具 / Tooling

材质: M42

标配: 2把切割锯片

选配: 坡口锯片30° ,37° ,45°

Material: M42

Standard: 2 pcs cutting blade

Optional: beveling saw blade 30° , 37° , 45°



标配: 切割锯片  
Standard: cutting blade



选配: 坡口锯片  
Optional: beveling saw blade





# OSR-120 ORBITAL PIPE CUTTING MACHINE

## OSR-120 行星式切管机

### 产品简介 / Overview

OSR-120 行星式切管机主要用于不锈钢管焊接要求较高的工业领域，该机采用原装麦太保电机驱动，保证强劲有稳定的动力。切割时，管子被创新型抱紧式夹紧装置夹紧，管子不变形，手动驱动切割头绕钢管旋转一周将管子切断，切割完成后，端面绝对垂直、无毛刺，可直接焊接，使用专用坡口锯片还可完成坡口加工，为确保焊接质量提供保证。可切割材质：碳钢、合金钢、有色金属、工程塑料等，广泛应用于半导体、电子、啤酒、制药、生物科技、饮料、乳品、压力容器、化工、油气、船舶、水处理等行业切管加工。

OSR-120 Orbital Pipe Cutting Machine adopts Metabo motor drive to ensure strong power. It is necessary equipment for pipe welding prep. Optimize design, save space, operate simply, install quickly. "Self-centering" type pipe clamping device, Saw blade cutting head can cut off the pipe by rotating around the steel pipe once a week. The end face is absolutely vertical without burrs, and the steel pipe is not deform, providing quality assurance for the welding of steel pipes. Cuttable materials: carbon steel, alloy steel, non-ferrous metals, engineering plastics, etc., widely used in semiconductor, electronics, beer, pharmaceuticals, biotechnology, beverages, dairy, pressure vessels, chemical, oil and gas, ships, water treatment and other industries Processing.



### 产品特点 / Features

- 1、完全冷切割，不影响材质
- 2、切口垂直不变形，端面无毛刺
- 3、可同时安装切割锯片和坡口锯片
- 4、快速，一道切割或坡口加工仅需几秒钟
- 5、安全性高，管道静止，锯片行星旋转完成切割
- 6、锯片与国际品牌切管机通用
- 7、体积小，重量轻，车间作业和野外施工都适宜

- Cold cutting, don't influence the pipe's material
- Vertical incision without deformation, burr-free end surface
- Simultaneous installation of cutting and beveling saw blades
- Fast, cutting or bevel processing takes only a few seconds
- Small size, light weight, suitable for workshop operations and field construction
- Saw blade compatible with other brand pipe cutting machine
- High safety, the pipe is stationary, the saw blade planet rotates to complete cutting

### 技术参数 / Specification

规格型号 Model	加工范围 Range	切削壁厚 Thickness		锯片转速 Rotating
	OD mm	碳钢 CS mm	不锈钢 SS mm	rpm
OSR-120	Φ15~120	≤12	≤5	80~120

相关技术参数仅供参考，不作为最终交货标准 Above parameters just for reference only, not acceptance criteria

### 锯片驱动电机 / Saw blade drive motor

电源要求: 220V,50-60Hz,1P

功率: 1.3KW

转速: 6档可调

Electric Requirements: 220-230V, 50-60Hz, 1P

Power: 1.3KW

Speed: 6-speed adjustable

### 加工刀具 / Tooling

材质: M42

标配: 2把切割锯片

选配: 坡口锯片30°, 37°, 45°

Material: M42

Standard: 2 pcs cutting blade

Optional: beveling saw blade 30°, 37°, 45°



标配: 切割锯片  
Standard: cutting blade



选配: 坡口锯片  
Optional: beveling saw blade

