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AOTAI MACHINE MANUFACTURING CO.,LTD.

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# PLATE BEVELING MACHINE

钢板坡口机

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# SKF-15 PORTABLE PLATE BEVELING MACHINE

## SKF-15手持式钢板坡口机

### 产品简介 / Overview

SKF-15手持式钢板坡口机，为各类金属板材焊接前坡口、倒角加工而设计。本机采用铣削加工方式，手动推进式进刀，其体积小、重量轻、携带方便，操作简单，是一种便捷式的钢板坡口加工的工具，是核工业，造船厂，制药机械，压力容器等行业必备生产设备。

SKF-15 portable plate beveling machine, designed for metal plate prep-welding, to beveling, chamfering and milling. Adopts milling process, handy feeding, small volume and light weight, carry easily, simple operation, a portable plate groove tool, the essential production equipment of nuclear industry, shipbuilding, pharmaceutical machinery, pressure vessels and other industries fields.

### 产品特点 / Features

- |                           |  |
|---------------------------|--|
| 1、冷加工方式，不改变钢板材质           | ●Cold cutting, don't change the material of plate.                           |
| 2、坡口角度30度至60度任意调节         | ●Angle adjustable: 30deg to 60deg.   |
| 3、可加工坡口形式：V，Y型            | ●Beveling shape: K,V, Y.   |
| 4、可加工板材厚度无限制，最大坡口斜宽15mm   | ●Plate thickness unlimited, maximum groove slope width is 15mm               |
| 5、表面粗糙度可达Ra3.2-Ra6.3      | ●Surface roughness: Ra3.2-Ra6.3  |
| 6、适合加工碳钢、不锈钢、合金钢、铸铁、硬质塑料等 | ●Suitable for carbon steel, stainless steel, alloy steel, hard plastic, etc. |



### 技术参数 / Specification

型号 Model	适配电源 Power supply	电机功率 Power	单刀切削深度 Single Depth	最大坡口斜宽 Max land Width	坡口角度 Bevel angle	加工速度 Speed	重量 Weight
SKF-15	380V 50HZ 3P	1.1KW	3mm	15mm	30° ~60°	1~3m/min	18KG
K15	220V 50HZ 1P	2.0KW	3mm	15mm	30° , 37.5° , 45°	1~3m/min	8.5KG

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

# K-15 FLEXIBLE PLATE BEVELING MACHINE

## K15多功能管板坡口机

### 产品简介 / Overview

K15多功能管板坡口机是一款手动操作的电动工具，本机适用于板材工件的规则曲面（如外圆，内孔，腰形孔等）和不规则的内、外腔棱边的倒角，而且适用于用于大型工件的一些曲边的倒角，因此也能对金属管子内孔和板材进行坡口及去毛边加工。

该产品结构紧凑、轻巧、操作方便，它的多功能性与灵活性，能够大量的提高工作效率，降低成本，减轻劳动强度。

K15 designed for metal plate and pipe prep-welding. to beveling and chamfering. It is suitable regular curved surfaces, such as outer circle. inner hole. waist hole. etc irregular inner and outer cavity edges. The chamfering of the side is applicable to the chamfering of some curved edges of large workpieces, so it also can be used for the beveling and deburring of the inner hole and the plate of the metal pipe. The product is compact, light and easy to operate, and it has many Functionality and flexibility, which can greatly improve work efficiency, reduce costs, and reduce the labor intensity.

### 产品特点 / Features

1. 便携式铣削加工，操作简单；
  2. 可加工坡口形式：K, V, X, Y型坡口；
  3. 适用于板材，管材，H型钢，角钢，内外圆的坡口和去毛边加工；
  4. 结构紧凑，体积小，重量轻，能在环境复杂，异形空间安全作业；
  5. 适合加工碳钢、不锈钢、合金钢、铸铁、硬质塑料等工程型材；
1. Portable milling, easy to operate;
  2. Beveling shape: K, V, X, Y;
  3. Suitable for plate, pipe, H-beam, angle Iron, beveling and deburring of in
  4. Compact structure, small size, light weight, safe operation in complex en
  5. Suitable for carbon steel, stainless steel, alloy steel, cast iron, and hard plastic;



# SKF-900 AUTOMATIC FEEDING PLATE BEVELING MACHINE

## SKF-900自动行进式平板坡口机

### 产品简介 / Overview

SKF-900自动行进式平板坡口机，专为各类金属板材焊接前坡口、铣边、倒角加工而设计。加工小尺寸板材，机器固定不动，板材自动进给加工；加工大尺寸板材，板材固定不动，机器沿板材边缘自动行进加工；工作高度不标准时，可以不带底座，机器悬挂式坡口加工。本机采用铣削加工方式，是一台功能强大，应用广泛的各种等级的钢板以及其他金属板材坡口加工设备。其体积小、重量轻、方便移动、操作简单，是核工业，造船厂，制药机械，压力容器等行业必备生产设备。

SKF-900 Automatic plate beveling machine, designed for metal plate prep-welding, to beveling, chamfering and milling. For small size plate, machine fixed, plate feed and process automatically; For large size plate, plate fixed, machine along the edge of the plate process automatically. The machine can be suspended process without a base when the working height is not standard, This machine adopts milling method, a powerful, widely used steel plate grooving equipment. Small volume, light weight, move easily, simple operation, the essential production equipment of nuclear industry, shipbuilding, pharmaceutical machinery, pressure vessels and other industries fields.



### 产品特点 / Features

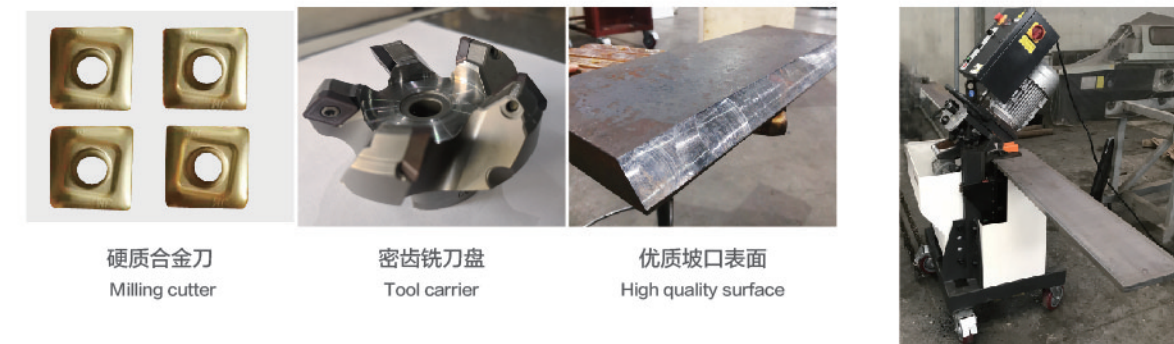
- |                            |   |
|----------------------------|---|
| 1、冷加工方式，不改变钢板材质            | ●Beveling shape: V, Y, K, X.  |
| 2、坡口角度15度至60度任意调节          | ●Angle adjustable: 15deg to 60deg.  |
| 3、夹持板厚:8-50mm，最大坡口斜宽45mm   | ●Surface roughness: Ra3.2-Ra6.3   |
| 4、可加工坡口形式：V、Y、K、X型         | ●Cold cutting, don't change the material of plate.                                      |
| 5、铣削加工，表面粗糙度可达Ra3.2-Ra12.5 | ●Plate thickness range 8-50mm, maximum groove slope width is 45mm                       |
| 6、双数显控制系统，切削速度和进给速度均可调     | ●Suitable for carbon steel, stainless steel, alloy steel, Cast iron, hard plastic, etc. |
| 7、适合加工碳钢、不锈钢、合金钢、铸铁等工程型材   | ●Double digit display control system, cutting speed and feeding speed adjustable.       |

### 技术参数 / Specification

适配电源 Electric supply	AC 380V 50HZ 3P	最大加工速度 Max process speed	3000mm/min
切削电机功率 Cutting motor power	4.0KW	进给速度 Feeding speed	0-1000mm/min
进给电机功率 Feed motor power	0.09KW	可加工板材长度 Plate length	≥300mm
坡口角度 Beveling angle	15° ~60°	可加工板材宽度 Plate width	≥100mm
最大坡口斜宽 Max land Width	45mm	可加工板材厚度 Plate thickness	8-50mm
切削深度调整范围 Beveling depth	5-30mm	单刀最大切削深度 Single depth	5mm
加工表面粗糙度 Surface roughness	Ra3.2-Ra12.5	机器重量 Weight	约210KG

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

### 加工刀具 / Tooling



硬质合金刀  
Milling cutter

密齿铣刀盘  
Tool carrier

优质坡口表面  
High quality surface