



MACHINE

匠心于平板/管道工程的坡、割、焊
CUTTING|BEBELING|WELDING|FLAT|CHAMFER

2023

CUT
WELDING

**CUT
WELDING**

持续创新，不断地开拓坡、割、焊、设备的新技术

Continuous innovation, continuous development of slope, cutting, welding, new technology equipment

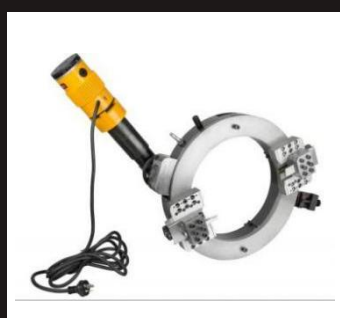
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Since 2006

始于2006年



Honesty Quality

New style

在维护与继承传统的同时，
还需要不断的进行新的技术创新革命





管道自动焊机
Pipeline automatic welding machine

全位置自动焊接机器人

All-position intelligent pipe weldig machine

产品描述

- 采用工件固定、焊接小车行走的方式实现全位置自动焊接
- 适用各种焊缝：如管子-管子环缝焊（内外焊）、管子-弯头、管子-法兰角焊、罐体横焊和竖焊、管桩的横焊等
- 通过无线遥控 预设焊接参数，焊接工作中根据工况实时微调焊接参数
- 焊接小车采用永磁吸附，方便现场作业，针对带防腐层/保温层/不锈钢等材质管道，可选配或自制轨道
- 焊缝成形美观，焊接质量符合UT、RT等检测

工程案例

PROJECT EXAMPLE



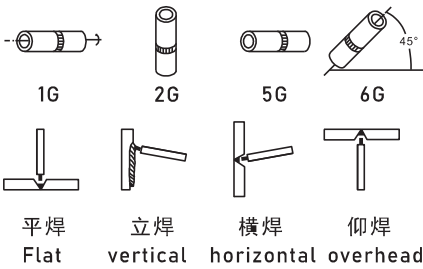
FEATURES

- The whole position automatic welding is realized by fixing the workpiece and walking the welding trolley
- Applicable welds: all kinds of welds,such as pipe pipe girth welding (internal andexternalwelding),pipeelbowwelding, pipe flange fillet welding, horizontal and vertical welding of tank body, horizontal welding of pipe pile, etc
- Preset weldingparametersbywireless remotecontrol,andfinetuneweldingparamet ers in real time according toworking conditions
- The welding trolley adopts permanent magnet adsorption, which is convenient for on-site operation. For pipes with anti-corrosion layer / insulation layer / stainless steel and other materials, the rail can be selected or made by our selves
- The weld shape is beautiful, and the welding quality meets the requirements of UT and RT

应用现场

ON-SITE PROCESS





技术参数

- 适合管径: > 130mm
- 驱动方式: 磁轮驱动
- 控制方式: 无线遥控, 一键启动
- 焊接速度: 0~1200mm/min连续可调
- 焊枪摆动参数:
 - 摆动宽度 0.0~左30.0mm/右30.0mm
 - 摆动速度 0~200
 - 左右延时 0.0~10.0s
- 焊枪调整范围: 上/下25mm, 前倾/后倾45°
- 焊枪长度: 4.5m
- 气电电缆: 标准15m
- 保护气体: Co₂ 或80%Ar+20%Co₂ 气体
- 适用焊丝: 实芯1.0mm / 药芯1.2mm
- 遥控器电池: 锂电池 (续航360小时)
- 容量Capacity 23.3/22.4KWA
- 电流 current 500A
- 毛重G.W 140kg
- 包装尺寸Size 820*700*820mm

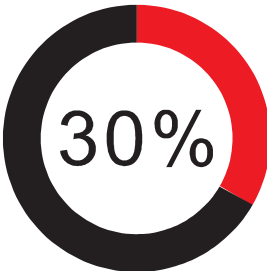
TECHNICAL PARMETER

- Suitable diameter: > 130mm
- Drive mode: magnetic wheel drive
- Control mode: wireless remote control, one button start
- Welding speed: 0 ~ 1200mm / min, continuously adjustable
- Welding torch swing parameters:
 - Swing width 0.0 ~ left 30.0 mm / right 30.0 mm
 - Swing speed 0 ~ 200
 - Residence time 0.0 ~ 10.0s
- Welding torch adjustment range: up / down 25 mm, forward / backward tilt
- Welding torch length: 4.5m
- Connecting cable: Standard 15m
- Protective gas: CO₂ or 80% Ar + 20% CO₂
- Applicable welding wire:
 - solid core 1.0 mm / flux core 1.2 mm
- Remote control battery:
 - lithium battery (360 hours)

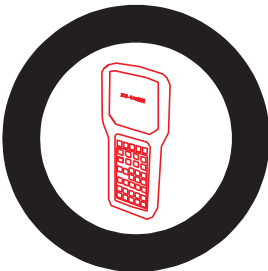
关键优势 KEY ADVANTAGES



工效提升3~4倍
Work efficiency increased
by 3 ~ 4 times



降低综合焊接成本
Reduce welding cost



减轻焊工劳动强度
Reduce the labor
intensity of welders

工程案例 PROJECT EXAMPLE



应用现场 ON-SITE PROCESS



全位置自动焊接机器人
All-position intelligent
pipe weldig machine

产品主要组成部分
Main components of the product

智能焊接小车：永磁吸附
Intelligent welding car:
permanent magnet adsorption



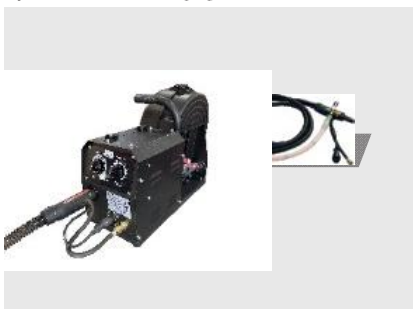
无线操控系统
Wireless control system



专用焊接电源
Special welding power supply



自动送丝机+专用焊枪
Automatic wire feeder +
special welding gun



焊接控制/气/电缆+地线
Welding control / gas / Cable +
ground wire



焊接通用部件
Welding general parts



可焊工件示意图
Diagram of weldable parts



机型选择

Model selection



500 Plus

全位置智能焊接小车
专用数字IGBT控制焊接电源
专用自动送丝机
专用焊枪 平摆
无线控制+智能焊接参数
配套配件
All position intelligent welding car
IGBT control welding power supply
Special automatic wire feeder
Special welding gun
Wireless control +
intelligent welding parameters
Accessories
Swing from side to side



-500 Plus+

全位置智能焊接小车
专用数字IGBT控制焊接电源
专用自动送丝机
专用焊枪 平摆/角摆
无线控制+智能焊接参数
配套配件
All position intelligent welding car
IGBT control welding power supply
Special automatic wire feeder
Special welding gun
Wireless control +
intelligent welding parameters
Accessories
Swing from side to side/Angular pendulum



-500 Plus CF

全位置智能焊接小车
专用数字IGBT控制焊接电源
专用自动送丝机
专用焊枪+专用割枪 平摆
无线控制+智能焊接参数
配套配件
All position intelligent welding car
IGBT control welding power supply
Special automatic wire feeder
Special welding gun
+special cutting gun
Wireless control +
intelligent welding parameters
Accessories
Swing from side to side/Angular pendulum



-500

全位置智能焊接小车
专用焊枪
无线控制+智能焊接参数
配套配件
All position intelligent welding car
Special welding gun
Wireless control +



-500L Plus

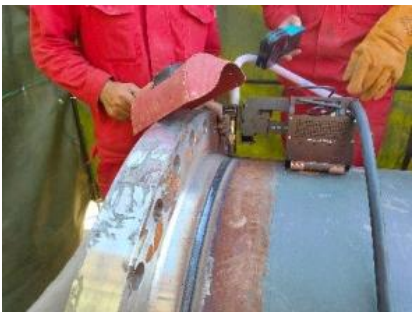
全位置智能焊接小车
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All position intelligent welding car
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Wireless control +
intelligent welding parameters
Accessories
Swing from side to side/Angular pendulum

• 更多规格型号、定制等 敬请咨询~
More specifications, models, customization, etc. Please consult~

全位置自动焊接机器人
All-position intelligent
pipe weldig machine

更多精彩应用案例~

More wonderful application cases~



• always high quality~

开口式管管全位置
自动焊接系统

All position of open pipe
Automatic welding system

产品描述

- 全位置焊接方式
- 自熔或填丝
- 配备自动测速反馈系统，哈弗夹具，安装方便快捷
- 具备自动弧长和横摆及焊接跟踪功能
- 适用于碳钢、不锈钢等的管道材质焊接，配备外置送丝机构
- 机身轻便小巧，方便移动
- 多层焊接，清洁无焊渣，合格率高
- 全机水冷，多路气体保护，经久耐用
- 智能数字化控制，好用易学

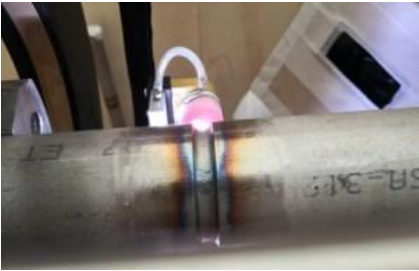
FEATURES

- All position welding method
- Self melting or filling
- Equipped with automatic speed measuring feedback system and haft clamp, easy and quick installation
- Automatic arc length, yaw and welding tracking function
- It is suitable for welding of steel and stainless steel pipes, and equipped with external wire feeding mechanism
- The body is light and small, and it is easy to move
- Multi layer welding, clean and free of welding slag, high qualification rate
- Water cooling, multi-channel gas protection, durable
- Intelligent digital control, easy to learn

工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS



可焊工件
Weldable workpiece

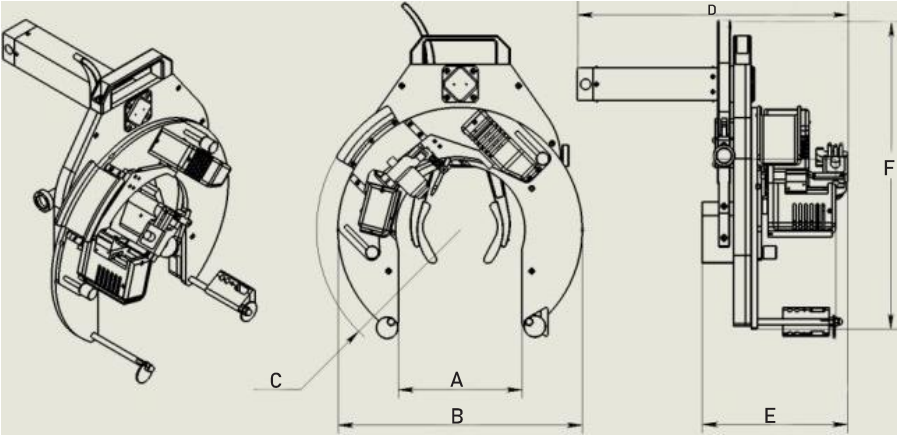


技术参数

TECHNICAL PARMETER

型号 Model	适用管径 Diameter (mm)	适用壁厚 thickness (mm)	保护气体 Shielding gas	钨极规格 Tungsten electrode	焊枪重量 Weight (kg)	尺寸Size(mm)					
						A	B	C	D	E	F
GG-90	Φ19-89	3-10	氩气Argon	2.4	6	92	165	230	382	135	337
GG-170	Φ63-168	3-10	氩气Argon	2.4	10	172	280	340	382	160	453
GG-230	Φ114-230	3-10	氩气Argon	2.4	24	235	400	425	437	165	620
GG-325	Φ159-325	3-10	氩气Argon	2.4	36	328	500	550	497	181	730

- 搭载MWA-400一体化控制焊接电源~
Equipped with MWA-400 integrated control welding power supply~



更多精彩应用案例~

More wonderful application cases~



WA

管管自动焊
配套焊接电源

pipe welding Matching
welding power supply



一体化控制电源

- 一体化控制电源的外观与结构
- 易于现场移动、安装与操作
- 智能化PLC控制系统，保证焊接工艺参数精准快速
- 彩色10寸触摸屏，图形与步骤化的界面设计，操作简单、快捷
- 实时监控焊接过程中的电流、电压、旋转速度、摆动速度等参数
- 完善的区间分割和区间参数保存功能，根据不同的焊接工艺要求进行改变、调取与保存
- 匹配循环冷却水系统，大大增加了焊枪部分的连续工作能力
- 可实现焊接模拟功能
- 可配置打印机，随时打印当前焊接参数，以便参考对比



WA-200

Integrated control power supply

- Appearance and structure of integrated control power supply
- Easy to move, install and operate on site
- Intelligent PLC control system ensures accurate and fast welding process parameters
- Color 10 Inch Touch screen, graphic and step-by-step interface design, simple and fast operation
- Real time monitoring of current, voltage, rotation speed, swing speed and other parameters in the welding process
- Perfect interval segmentation and interval parameter saving function, according to different welding process requirements to change, transfer and save
- Matching with the circulating cooling water system, the continuous working capacity of the welding gun is greatly increased
- The function of welding simulation can be realized,
- The printer can be configured to print the current welding parameters at any time for reference and comparison

技术参数

TECHNICAL PARMETER

型号 Model	输入电源 Input power	暂载率 Temporary load rate	焊接电流 welding current	尺寸 (mm)	重量 weight (kg)	保护功能 Protection function
WA-400	AC380v+10%	60%	4-400A	768x470x906	120	过压/过流/漏电/缺相检测 Overvoltage / overcurrent
WA-200	AC220v+10%	100%	5-200A	500x293x334	18	

GF

密封式
管管自动焊接系统

Sealed type pipe
Automatic welding system



产品描述

- 主要应用于医药管道、食品、生物工程、电子、仪器仪表、安装管道等行业
- 密封式焊接，焊接保护效果好，表面成形美观紧凑
- 旋转无缠绕结构，枪体水冷却，焊枪轻便且暂载率高
- 定位方式为夹块定位，定位准确
- 手柄配备操作按钮，符合人体学设计快插式夹具，减少焊前准备的时间

工程案例
PROJECT EXAMPLE



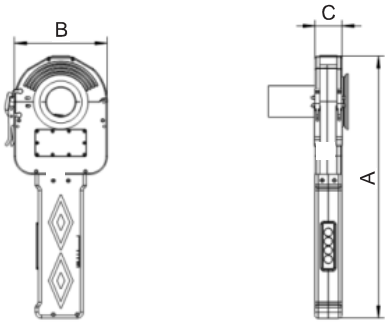
FEATURES

- It is mainly used in pharmaceutical pipeline, food, bioengineering, electronics, instrumentation, pipeline installation and other industries
- Closed welding, good welding protection effect, beautiful and compact surface
- The rotating non winding structure, water cooling gun body, light welding gun and high temporary load rate
- The positioning method is clamp block positioning, which is accurate
- The handle is equipped with operation button, which conforms to the ergonomic design
- Quick plug fixture reduces the preparation time before welding

应用现场
ON-SITE PROCESS



可焊工件
Weldable workpiece



技术参数 TECHNICAL PARMETER

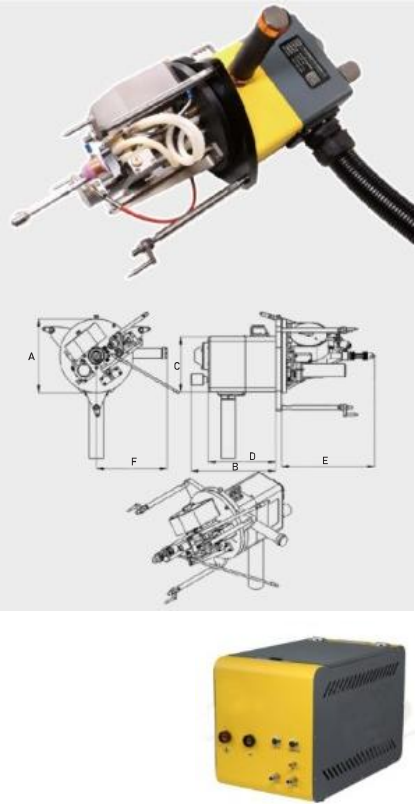
型号 Model	适用管径 Diameter (mm)	适用壁厚 thickness (mm)	保护气体 Shielding gas	钨极规格 Tungsten electrode	焊枪重量 Weight (kg)	尺寸Size (mm)		
						A	B	C
GF-12	Φ 6.35-12.7	<3	氩气Argon	1.6/2.4	1.5	261	40	22
GF-40	Φ 6.35-38.1	<3	氩气Argon	1.6/2.4	2.5	380	100	38
GF-80	Φ19.05-76.2	<3	氩气Argon	1.6/2.4	3	436	155	42
GF-120	Φ38.1-114.3	<3	氩气Argon	1.6/2.4	6	508	190	48

- 搭载MWA-200一体化控制焊接电源~
Equipped with MWA-200 integrated control welding power supply~

GB

管板自动焊接系统

Automatic welding system of tube plate



产品描述

- 焊枪采用钨极氩弧焊接，可对碳钢、不锈钢等的管与板进行全位置自动焊接，包括管平齐、管伸出
- 可选择填丝和自熔两种焊接方式
- 具有自动弧长控制装置，同时也可以关闭自动弧长控制功能，手动干预钨极与焊面的间距从而满足不同工况条件下需求
- 采用3爪定位，气动管内涨式对枪头进行定位
- 焊枪角度可调，可以适用不同的焊接工艺
- 焊炬与定位铜套均具有水冷循环功能
- 循环水冷

FEATURES

- The welding gun adopts tungsten argon arc welding, which can automatically weld the pipes and plates of carbon steel, stainless steel, etc. in all positions, including pipe leveling and pipe extension
- There are two welding methods: wire filling and self melting
- With automatic arc length control device, it can also turn off the automatic arc length control function, and manually intervene the distance between tungsten electrode and welding surface, so as to meet the requirements of different working conditions
- The gun head is positioned by three claws and pneumatic tube
- The welding torch angle is adjustable, which can be used for different welding processes
- Circulating water cooling

技术参数 TECHNICAL PARMETER

型号 Model	适用内管径 Diameter (mm)	适用壁厚 thickness (mm)	保护气体 Shielding gas	钨极规格 Tungsten electrode	焊枪重量 Weight (kg)	尺寸Size(mm)					
						A	B	C	D	E	F
GB-65	D Φ 12-De Φ 63	≥1	氩气Argon	2.4	9	160	232	150	184	259	192
GB-80	D Φ 12-De Φ 76	≥1	氩气Argon	2.4	10	200	231	150	184	253	192
GB-120	D Φ 6-De Φ 114	≥1	氩气Argon	2.4	26	160	238	150	184	234	192

- 搭载MWA-400一体化控制焊接电源~
Equipped with MWA-400 integrated control welding power supply~

工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS



GU

U型管自动焊接系统

Automatic welding system of tube plate



产品描述

- 封闭式设计，可满足管中心间距38mm的换热器U型插管的焊接要求
- 双气路设计，焊道的表面外观及焊接品质得到保障
- 基板为水冷模式设计，长时间持续稳定
- 采用气缸及靠模形式夹持，焊枪夹持更快捷、可靠
- 设计轻巧，一键式操作，简单易学
- 具有专家参数，只需输入管件口径及壁厚，即可自动生成焊接参数，施焊
- 循环水冷

FEATURES

- The closed design can meet the welding requirements of U-tube of heat exchanger with 38mm tube center distance
- Double gas path design ensures the surface appearance and welding quality of the weld bead
- The base plate is designed in water cooling mode, which is stable for a long time
- The welding gun is clamped more quickly and reliably by air cylinder and profiling
- The design is light and easy to learn
- With expert parameters, just input pipe diameter and wall thickness, can automatically generate welding parameters, welding
- Circulating water cooling

技术参数 TECHNICAL PARMETER

型号 Model	适用内管径 Diameter (mm)	适用壁厚 thickness (mm)	保护气体 Shielding gas	钨极规格 Tungsten electrode	焊枪重量 Weight (kg)	尺寸Size(mm)					
						A	B	C	D	E	F
GU-12A	Φ12.70	≤1.6	氩气Argon	1.6	2.5	386	187	76	94	85	13
GU-16A	Φ15.88	≤1.6	氩气Argon	1.6	3.0	401	190	79	97	84	16
GU-20A	Φ20.60	≤2.0	氩气Argon	1.6	4.5	414	185	80	143	130	22
GU-16AT	Φ16.0	≤1.6	氩气Argon	1.6	2.0	176	60	67	197	50	16

- 搭载MWA-200一体化控制焊接电源~
Equipped with MWA-200 integrated control welding power supply~

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



PC

卡盘式管道
自动焊接系统

Chuck type pipe
Automatic welding system

产品描述

- 采用卡盘卡紧管端旋转焊接的结构
- 可满足直管与直管对接、直管与锥型管、直管与法兰、直管与弯头、直管与三通对接的自动焊
- 焊接工艺：提供钨极氩弧焊（TIG）、熔化极气保焊（CO2/MIG/MAG）、粗\细丝埋弧焊（SAW）等多种焊接工艺
- 实现管道的打底、填充、盖面焊接
- 实现单面焊双面成型及焊缝余高控制
- 满足射线检测或超声波检测Ⅱ级焊缝合格率 98%以上；
- 满足承压试验或冲击、拉伸、弯曲等力学性能检验要求

FEATURES

- The structure of rotary welding for clamping pipe end with chuck
- It can meet the automatic welding of straight pipe to straight pipe butt joint, straight pipe to tapered pipe, straight pipe to flange, straight pipe to elbow, straight pipe to tee butt joint
- Welding process: TIG, CO2 / MIG / MAG, saw and so on To realize the welding of pipe base, filling and cover
- Realize one side welding, two sides forming and weld reinforcement control
- The qualified rate of grade II weld of radiographic or ultrasonic testing is more than 98%;
- Meet the pressure test or impact, tensile, bending and other mechanical properties inspection requirements

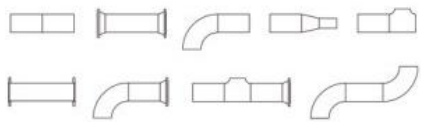
工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS



可焊工件图样
Weldable workpiece drawing



规格/技术参数 MODEL TECHNICAL PARMETER

型号 Model	适用管径 Diameter (mm)	适用壁厚 wall thickness (mm)	坡口类型 Groove	焊丝直径 welding wire (mm)	焊接速度 welding speed (mm/min)	卡盘中心高 center height (mm)
PC-12	DN40-325	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	900
PC-16	DN40-426	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	900
PC-24	DN50-630	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1140
PC-32	DN80-800	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1230
PC-40	DN150-1000	3-60	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1350
PC-48	DN200-1200	3-60	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1460
PC-24B	DN50-630	3-60	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1140
PC-32B	DN80-800	3-60	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1230
PC-40B	DN150-1000	3-60	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1350
PC-48B	DN200-1200	3-60	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400	1460

- 请根据您的管径选择适合机型~
Please select the suitable model according to your operation requirements~

法兰FLANGE



弯头ELBOW



氩弧焊效果TIG





WY



PE



WT/ WF

压紧式管道自动焊接专机

- 采用驱动滚轮压紧管道旋转焊接的结构



Compression welding system

- The structure of pipe rotary welding is compressed by driving roller



短接管件自动焊接专机

- 采用卡盘卡紧管端旋转焊接的结构
- 适用短接工件的自动焊



Short pipe welding system

- The structure of rotary welding for clamping pipe end with chuck
- Suitable for short circuiting workpiece



法兰自动焊接专机

- 采用驱动滚轮压紧管道旋转焊接的结构
- 可单头两枪、双头四枪法兰内外同时焊



Flange automatic welding machine

- The structure of pipe rotary welding is compressed by driving roller
- The flange can be welded inside and outside at the same time



型号 Model	规格 Specifications	适用管径 Diameter (mm)	适用壁厚 wall thickness (mm)	坡口类型 Groove	焊丝直径 welding wire (mm)	焊接速度 welding speed (mm/min)
WY	-12	DN40-325	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400
PE	-16	DN40-426	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400
WT WF	-24	DN50-630	3-30	I/V/U	1.0/1.2/1.6	TIG:70-150 MIG:200-400

- 具体技术参数敬请咨询~
Please consult for specific technical parameters~

MK

龙门+卡盘式
直环缝自动焊接系统

Gantry + chuck type
straight circular seam
Automatic welding system

产品描述

- 龙门式+卡盘式焊接机构
- 可满足直缝、法兰的自动焊
- 焊接工艺：提供钨极氩弧焊TIG、熔化极气保焊(CO2/MIG/MAG)、粗\细丝埋弧(SAW)等多种焊接工艺

工程案例
PROJECT EXAMPLE



FEATURES

- Gantry + chuck welding mechanism
- It can meet the automatic welding of straight seam and flange
- Welding process: TIG, CO2 / MIG / MAG, saw, etc

应用现场
ON-SITE PROCESS



筒体直径规格 Cylinder diameter specification	DN300-1000/DN300-1500mm/DN500-2000mm
法兰/弯头/管件直径规格 Pipe diameter specification	DN40-426/DN60-630mm
筒体工件长度 Length of cylinder workpiece	2000mm/4000mm

- 上述规格为标准可选机型，可定制其他规格
The above specifications are standard optional models, other specifications can be customized



管道切割坡口下料、组对、自动焊接产线

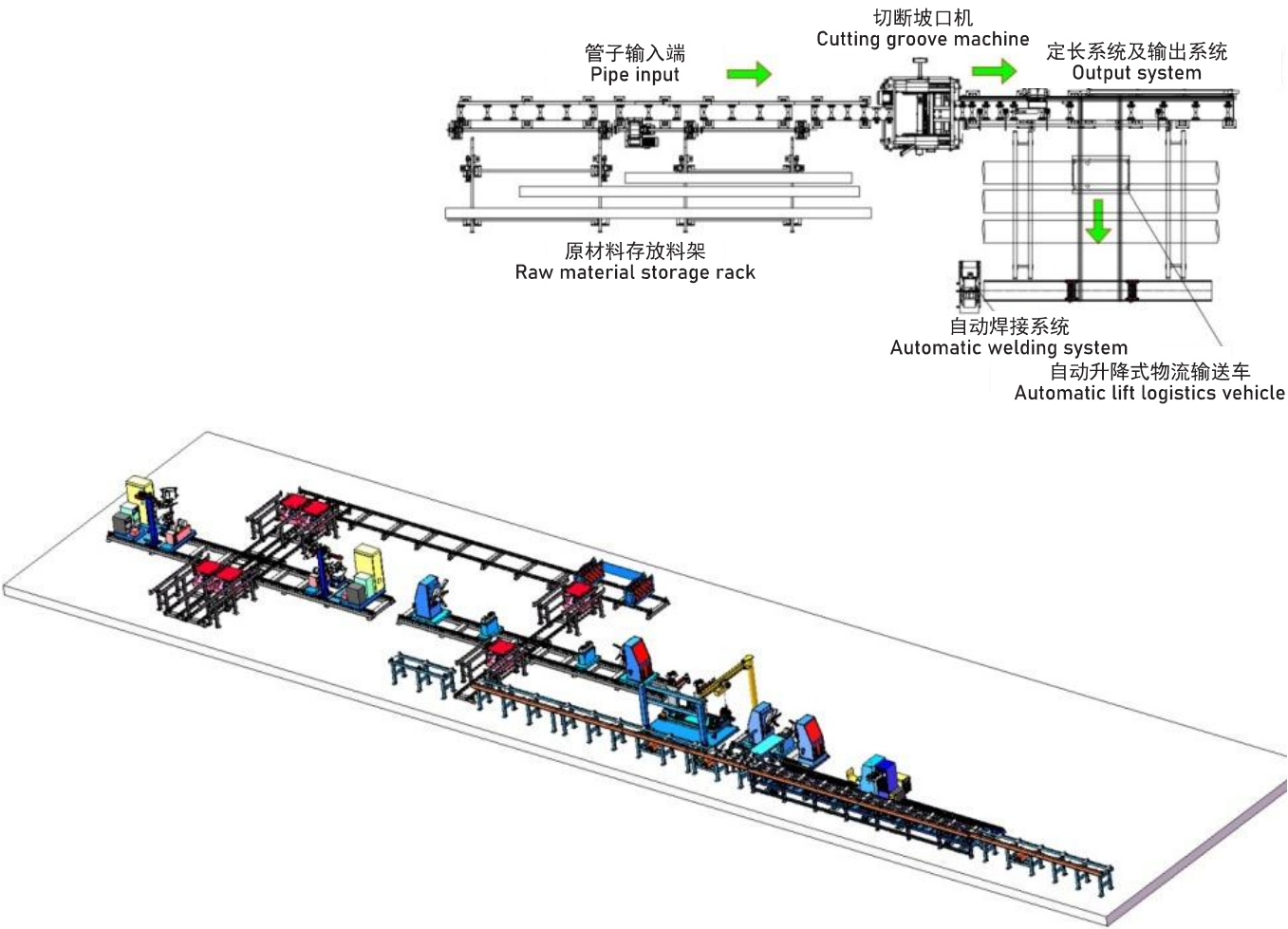
Pipe cutting groove blanking, assembly, automatic welding production line

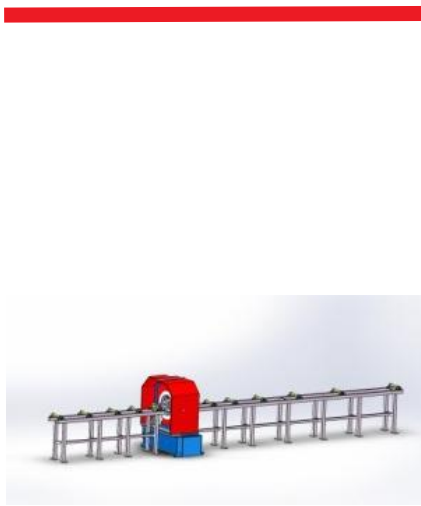
产线描述

- 提供管道切割坡口、组对、自动焊接集成
- 辅以管道输送系统，实现管道工厂预制的“数字化焊接、智能化控制、信息化管理、规模化生产”
- 数控切割和坡口设备进行高质量的机械坡口加工
- 组对机进行管段的快速组对
- 利用各类自动焊机进行TIG/MIG/SAW等各种焊接工艺

FEATURES

- Provide pipe cutting groove, assembly, automatic welding integration
- The pipeline factory prefabrication is realized by the pipeline transportation system "Digital welding, intelligent control, information management "Large scale production"
- CNC cutting and groove equipment for high quality mechanical groove processing
- Rapid assembly of pipe segments by assembly machine
- TIG / MIG / SAW and other automatic welding machines used welding technology





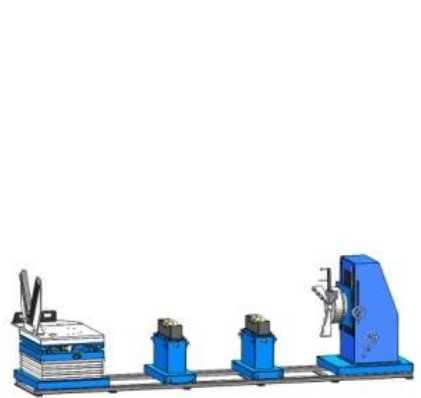
管道切割坡口模块

- 可选用我司OSC/ODC/OXC等切割坡口机
切断下料坡口
- 可选输送料架



Pipe cutting groove module

- OSC / ODC / OXC and other beveling machines can be selected
- Cutting off cutting groove



管道组对模块

- 利用支撑托架支撑和定位管道，确保管子的上下水平度和左右平行度
- 利用多功能组对机支撑和定位弯头、法兰和三通，确保组对的垂直度、平面度、同心度



Pipe group pair module

- Support and position the pipe with support bracket to ensure the safety of the pipe Water level and left and right parallelism
- Support and position elbow and flange with multi-function assembly machine And tee to ensure the perpendicularity, flatness and concentricity of assembly



管道焊接模块

- 采用夹紧或卡住管道实行自动焊接
- 可选氩弧焊、气保焊、埋弧焊等多种焊接工艺



Pipe welding module

- Automatic welding by clamping or clamping the pipe
- it can be used for argon arc welding, gas shielded welding, submerged arc welding and other welding technology





管道切割坡口机
Pipe cutting beveling machine

便携外卡式
管子切割坡口一体机

Portable pipe cutting groove
machine with external card

产品描述

本系列产品为轻便型外部安装式管子切割坡口装置，具有重量轻、径向净空小、便于携带、使用方便等特点。广泛应用于石油、化工、天然气、食品、锅炉、制药、核电，场管建设等行业管道安装工程及抢修作业，如西气东输工程。

FEATURES

This series of products is a portable external installation pipe cutting groove device, with the characteristics of light weight, small radial clearance, easy to carry, easy to use and so on. Widely used in petroleum, chemical, natural gas, food, boiler, pharmaceutical, nuclear power, field pipe construction and other industries pipeline installation engineering and repair operations, such as West to east gas transmission project.





● 哈夫式对开机体
Haff type split body

特性说明

- 机体重量轻，极大方便现场作业
- 哈夫对开式设计, 可分瓣拆开安装于管线任何位置，快捷方便。管道在地下或复杂环境也可作业
- 冷切割加工方式，不改变金相。非常适合一些特殊场所加工
- 机器装一把切割刀，一把坡口刀，切断同时得到光洁的坡口
- 可加工V/U/双V型等各种坡口形式
- 驱动方式可选电动、伺服电机、气动、液压站等

Characteristic description

- The machine is light in weight and convenient for field operation
- Haff split design, can be split apart and installed in any position of the pipeline, fast and convenient. Pipelines can also be operated underground or in complex environments
- Cold cutting processing method, does not change the metallography. It is very suitable for processing in some special places
- The machine is equipped with a cutter and a groove cutter to cut off and get a smooth groove at the same time
- It can process V / U / double V type and other groove forms
- Drive mode can be electric, servo motor, pneumatic, hydraulic station, etc

工程案例
PROJECT EXAMPLE

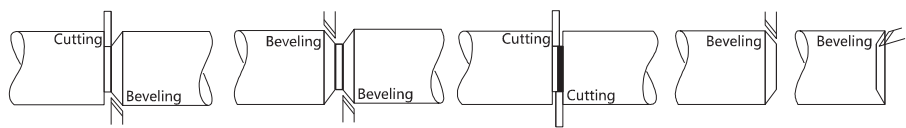


应用现场
ON-SITE PROCESS

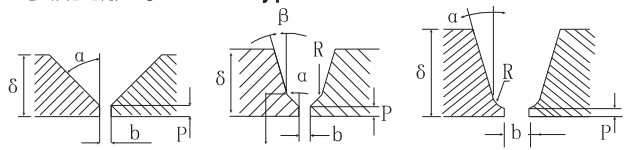


便携外卡式
管子切割坡口一体机
Portable pipe cutting groove
machine with external card

可作业功能Operational function



可坡口形式Groove type



驱动方式可选
The driving mode is optional



电动驱动Electric drive

应用常规管径
Apply conventional pipe diameter



伺服电机驱动Servo motor drive

应用厚壁管、大管径
Application of thick wall pipe
and large diameter pipe



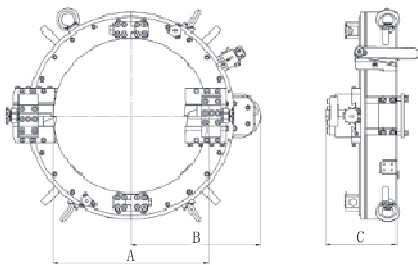
气动驱动Pneumatic drive

应用易燃易爆场所
Application in inflammable and
explosive places



液压站驱动

Hydraulic station drive
应用厚壁、大管、易燃易爆场所
Application of thick wall pipe,
large diameter, flammable and
explosive places



选型规格及参数 Type selection specifications and technical parameters

可选驱动 Optional drive	型号 Model	适用管径 Diameter		机器尺寸mm Machine dimensions			重量 Weight (kg)
		(mm)	inch	A	B	C	
PD 电动驱动 Electric drive	90	10~90mm	1/4"~4"	95mm	181mm	161mm	28kg
	168	25.4~168mm	1"~6"	174mm	234mm	161mm	35kg
	219	50.8~219mm	2"~8"	225mm	259mm	175mm	42kg
	273	114~273mm	4"~10"	279mm	295mm	175mm	55kg
	325	168~325mm	6"~12"	329mm	321mm	175mm	65kg
	377	219~377mm	8"~16"	387mm	357mm	175mm	70kg
PK 伺服电机驱动 Servo motor drive	406	256~406mm	10"~16"	414mm	363mm	175mm	75kg
	457	323~457mm	12"~18"	465mm	389mm	175mm	80kg
	508	355~508mm	14"~20"	514mm	413mm	175mm	85kg
	560	406~560mm	16"~22"	568mm	425mm	175mm	87kg
	610	457~610mm	18"~24"	616mm	464mm	175mm	90kg
	660	508~660mm	20"~26"	670mm	490mm	175mm	93kg
PF 气动驱动 Pneumatic drive	715	560~710mm	22"~28"	720mm	512mm	175mm	95kg
	762	610~762mm	24"~30"	768mm	540mm	175mm	105kg
	813	660~813mm	26"~32"	820mm	572mm	175mm	110kg
	914	770~914mm	30"~36"	924mm	688mm	175mm	120kg
	1066	914~1066mm	36"~42"	1076mm	780mm	175mm	145kg
	1160	980~1160mm	40"~46"	1168mm	805mm	221mm	155kg
PH 液压站驱动 Hydraulic station drive	1240	1066~1240mm	42"~48"	1250mm	830mm	221mm	190kg
	1300	1100~1300mm	46"~52"	1306mm	840mm	221mm	205kg
	1500	1300~1500mm	52"~58"	1505mm	940mm	221mm	245kg
	1700	1500~1700mm	58"~68"	1708mm	1040mm	221mm	290kg
	1900	1700~1900mm	68"~74"	1910mm	1150mm	221mm	345kg
	2100	1900~2100mm	74"~82"	2110mm	1250mm	221mm	410kg

- 请根据您的管径选择适合机型~
Please select the suitable model according to your operation requirements~



更多精彩应用案例~

More wonderful application cases~



always high quality~



SY

便携内涨式 管子坡口机

Portable internal expansion Pipe beveling machine

产品描述

- 内涨式管子坡口机专为管子端面倒坡口、平口、内坡口设计
 - 根据管径不同，我们提供不同结构方式的管子坡口机：
 - 如：T型、Y型、II型等
- 管子内径在10~76mm以下选用T型机
管子内径在76mm以上，壁厚在15mm以下选用Y型机
管子内径在76mm以上，壁厚大于15mm以上的选用II型机

FEATURES

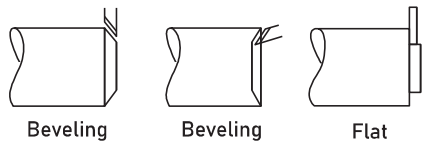
- The internal expansion pipe beveling machine is specially designed for pipe end face reverse beveling, flat beveling and internal beveling
 - According to different pipe diameters, we provide pipe beveling machines with different structures
 - For example: T type, Y type, II type, etc
- T-type machine is selected when the inner diameter of pipe is less than 10 ~ 76mm
Y-type machine is selected when the inner diameter of pipe is above 76mm and the wall thickness is below 15mm
If the inner diameter of the pipe is more than 76mm and the wall thickness is more than 15mm, type II machine shall be selected

应用现场

ON-SITE PROCESS



可作业功能
Operational function



技术参数

- 设计轻巧，携带、操作简单方便
- 完全冷切割，不改变材质
- 电动、气动两种驱动方式可选

电动：采用高性能电机驱动，电压220V，功率0.9~2.5KW

气动：空气压力0.6~1.5Mpa，耗气量1000~1500L/min

TECHNICAL PARMETER

- Light design, easy to carry and operate
- Completely cold cut without changing material
- Two driving modes are available: electric and electric

Electric: high performance motor drive, voltage: 220V, power 0.9-2.5kw

Pneumatic: air pressure is 0.6-1.5mpa, and air consumption is 1000-1500l / min

更多精彩应用案例~

More wonderful application cases~



SY

便携内涨式
管子坡口机

Portable internal expansion
Pipe beveling machine

选型规格及参数 Type selection specifications and technical parameters

型号 Model	加工范围 (内径) inner diameter mm	坡口壁厚 thickness mm	刀盘转速 Cutter speed rpm	功率 Power W	最大轴向进给 Axial feed mm	重量 Weight Kg	尺寸 Size mm
SY-15T	Φ 12. 5-15	≤3	58	1430	25	12	450*320*160
SY-20T	Φ 15-20	≤3	58	1430	25	12	450*320*160
SY-28T	Φ 16-28	≤4	58	900	25	12	450*320*160
SY-80T	Φ 28-76	≤15	55	900	25	13	450*330*170
SY-150	Φ 65-159	≤15	34	1430	25	22	620*220*190
SY-250	Φ 80-240	≤15	16	1430	45	32	740*330*220
SY-351	Φ 150-330	≤15	14	1430	54	50	760*330*280
SY-630	Φ 300-600	≤15	10	1430	54	93	920*450*420
SY-850	Φ 600-820	≤15	8	2000	54	200	1250*950*600
SY-250-II	Φ 80-240	≤75	16	1430	45	37	740*330*240
SY-351-II	Φ 150-330	≤75	14	1430	54	54	760*330*300
SY-630-II	Φ 300-600	≤75	10	1430	54	90	920*450*440
SY-850-II	Φ 600-820	≤75	8	2000	54	195	1250*950*620

- II型机器为自动进刀
Type II machine is automatic feed
- 请根据您的管径选择适合机型~
Please select the suitable model according to your operation requirements~



SY-80T



SY-250



SY-250-II

BM

全尺寸
管子坡口机

Full size
pipe beveling machine

产品描述

- 便携坡口设备，方便携带
- 适用各种管径（管径大于114mm就可）的坡口作业
- 刀片冷加工方式
 可选内外坡口机型

FEATURES

- Portable beveling equipment, easy to carry
- It is suitable for groove operation of various pipe diameters (the pipe diameter is larger than 114mm)
- Cold working method of blade

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



技术参数

TECHNICAL PARMETER

型号 Model	适用管径 Diameter (mm)	坡口壁厚 thickness mm	输入电源 Input power v	功 率 Power W	重 量 Weight kg	尺 寸 Size mm
BM-2000	> Φ114	≤15mm	380	2200	25	485x404x286



TP

简易型台式
管道切割坡口一体机

Simple desktop
Pipe cutting groove machine

产品描述

- 固定座式设计，机身设计轻巧
适合管道预制的切割坡口作业，尤其适现场
批量作业
- 自定心机械式夹紧，安装更高效
- 刀片冷切割方式
- 可加工碳钢、不锈钢、合金钢等材质

FEATURES

- Fixed seat design, lightweight fuselage
design
- It is suitable for cutting groove operation of
pipe prefabrication, especially for pipeline
prefabrication
- On site batch operation
- Self centering mechanical clamping, more
efficient installation
- Blade cold cutting mode
- Can process carbon steel, stainless steel,
alloy steel and other materials

自定心夹紧
Self centering clamping



坡口面齐整
The groove surface is neat





技术参数

- 电压：AC 220V 50Hz
- 坡口角度：30° 、 37.5° 、 45°

TECHNICAL PARMETER

- Voltage: AC 220 V, 50 Hz
- Groove angle: 30 °、 37.5°、 45 °

选型规格及参数 Type selection specifications and technical parameters

型号 Model	加工范围 Range mm	坡口壁厚 thickness mm	刀盘转速 Cutter speed rpm	功 率 Power W	重 量 Weight Kg	尺 寸 Size mm
TP-120	Φ 20-120	≤20	33	1430	65	410x380x470
TP-170	Φ 35-170	≤30	23	1430	80	460x380x520
TP-220	Φ 76-220	≤30	18	1430	120	510x380x670
TP-320	Φ 168-320	≤30	14	1430	165	610x380x770
TP-420	Φ 273-420	≤30	12	1430	195	710x380x870

- 请根据您的管径选择适合机型~
Please select the suitable model according to your operation requirements~

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



PA

凸轮式

管道切割坡口一体机

Cam-type

Pipe cutting groove machine

产品描述

- 自动定位管道中心，垂直度和水平度无需调整
- 安装方便快捷，操作简单
- 完全冷加工，不影响管子材质
- 采用新型同步进给结构，进给均匀，刀具的使用寿命更长
- 切割和坡口一次性完成，坡口表面精度高，无毛刺
- 结构紧凑、重量轻、便于携带

FEATURES

- Automatic positioning of pipe center, verticality and levelness without adjustment
- It is easy to install and operate
- Complete cold working, no influence on pipe material
- The new synchronous feeding structure is adopted, the feeding is uniform, and the service life of the cutting tool is longer
- Cutting and beveling are completed at one time, with high precision and no burr
- Compact structure, light weight, easy to carry

技术参数

- 电压：AC 220V 50Hz
- 坡口角度：30°、37.5°、45°

TECHNICAL PARMETER

- Voltage: AC 220 V, 50 Hz
- Groove angle: 30 °、37.5°、45 °

选型规格及参数

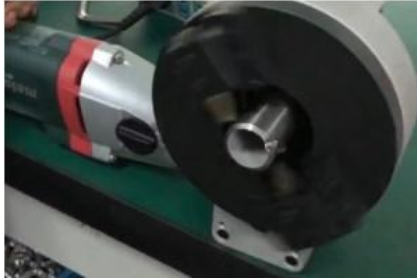
Type selection specifications and technical parameters

型号 Model	加工范围 Range mm	坡口壁厚 thickness mm	刀盘转速 Cutter speed rpm	功 率 Power W	重 量 Weight Kg	尺 寸 Size mm
PA-63	Φ 14-63	≤12	40~120	1300	13	360x220x300
PA-114	Φ 63-114	≤12	40~120	1300	16	410x220x350



工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



SC

普及型台式
管道切割坡口一体机

Popular desktop
Pipe cutting groove machine

特性说明

- 切断+坡口同时完成，取代传统先锯切再车床坡口的两套工序
- 采用大功率变频电机驱动，电动夹紧系统，自动对中，主机可升降
- 完全冷切割，不改变材质
- 自动进刀，转速可调
- 自带循环水冷却系统
- 加工速度快、精度高、操作简单
- 可选配管道输送料架

工程案例
PROJECT EXAMPLE

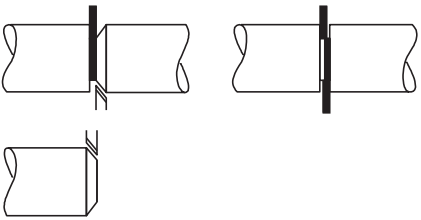


Characteristic description

- Cutting and beveling are completed at the same time, replacing the traditional two sets of processes of sawing and then lathe beveling
- High power variable frequency motor drive, electric clamping system, automatic alignment, the host can be lifted
- Completely cold cutting without changing the material
- Automatic feed, adjustable speed
- With circulating water cooling system
- Optional pipe conveying rack

切割坡口效果
Cutting groove effect





特性说明

- 切断坡口机由机体、支承座、回转支承、传动装置、夹管装置、刀架、刀控机构、循环冷却系统和电器控制箱等组成
- 机体中装有冷却系统的水箱、水泵，电器控制箱和适应机头高低需用的升降机和导向柱等
- 夹紧装置是由电机、减速器、驱动齿轮、平螺齿盘、卡爪、夹头等组成
- 传动装置是电机、减速器、驱动齿轮、传动齿轮，使回转支承旋转
- 回转支承上装有刀架支座、刀架、进刀丝盘等

Characteristic description

- The cutting beveling machine is composed of body, support seat, slewing bearing, transmission device, pipe clamping device, tool holder, tool control mechanism, circulating cooling system and electrical control box
- The machine body is equipped with water tank and water pump of cooling system, electrical control box, elevator and guide post to meet the needs of head height
- The clamping device is composed of a motor, a reducer, a driving gear, a flat screw tooth plate, a claw, a chuck, etc
- The transmission device is a motor, a reducer, a driving gear and a transmission gear, which makes the slewing bearing rotate
- The slewing bearing is equipped with a tool carrier support, a tool carrier, a feed wire disc, etc

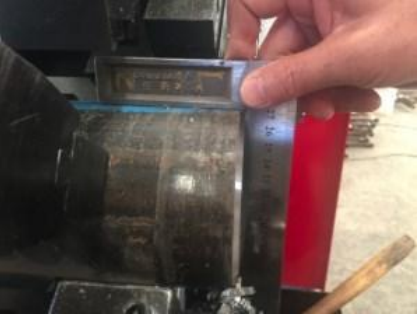
工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS





技术参数

- 电压：AC 380V 50~60Hz 可定制其他电压
- 坡口角度：30° 、37.5° 、45°

TECHNICAL PARMETER

- Voltage: AC 380V, 50 ~ 60Hz, other voltage can be customized
- Groove angle: 30 °、37.5°、45 °

选型规格及参数 Type selection specifications and technical parameters

型号 Model	加工范围 Range mm	坡口壁厚 thickness mm	刀盘转速 Cutter speed rpm	功 率 Power kW	重 量 Weight Kg	尺 寸 Size mm
SC-6	Φ 34-168	≤30	可调Adjustable	1.5	920	1300x600x1420
SC-12	Φ 48-325	≤30	可调Adjustable	2.2	1180	1500x600x1560
SC-16	Φ 89-426	≤30	可调Adjustable	5.5	1250	1600x600x1620
SC-18	Φ 273-530	≤30	可调Adjustable	3.5	1400	1700x600x1700
SC-24	Φ 325-630	≤30	可调Adjustable	5.5	1620	1820x600x1800
SC-36	Φ 711-920	≤30	可调Adjustable	9.0	1960	2100x700x2150

可选输送料架

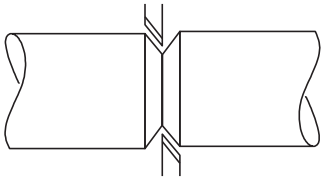
Optional conveying rack



DC

高效型台式
管道切割坡口一体机

High efficiency desktop
Pipe cutting groove machine



特性说明

- 切断和双头坡口同时完成
- 采用大功率变频电机驱动，电动双夹紧系统，自动对中，主机可升降
- 完全冷切割，不改变材质
- 自动进刀，转速可调
- 自带循环水冷却系统
- 加工速度快、精度高、操作简单
- 可选配管道输送料架

工程案例
PROJECT EXAMPLE



Characteristic description

- Cutting and double groove are completed at the same time
- It is driven by high-power variable-frequency motor, electric double clamping system, automatic alignment, and the host can be lifted
- Completely cold cutting without changing the material
- Automatic feed, adjustable speed
- With circulating water cooling system
- Processing speed, high precision, simple operation
- Optional pipe conveying rack

应用现场
ON-SITE PROCESS





技术参数

- 电压：AC 380V 50~60Hz 可定制其他电压
- 坡口角度：30°、37.5°、45°

TECHNICAL PARMETER

- Voltage: AC 380V, 50 ~ 60Hz, other voltage can be customized
- Groove angle: 30 °、37.5°、45 °

选型规格及参数 Type selection specifications and technical parameters

型号 Model	加工范围 Range mm	坡口壁厚 thickness mm	刀盘转速 Cutter speed rpm	功 率 Power kW	重 量 Weight Kg	尺 寸 Size mm
DC-12	Φ 48-325	≤30	可调Adjustable	5.5	1720	1500x960x1600
DC-16	Φ 89-426	≤30	可调Adjustable	5.5	1960	1600x1020x1750
DC-24	Φ 325-630	≤30	可调Adjustable	5.5	2280	1800x1050x1920

- 请根据您的作业要求选择适合机型~
Please select the suitable model according to your operation requirements~

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



XC

高速数控
管道切割坡口一体机

High speed numerical control
Pipe cutting groove integrated
machine

特性说明

- 高速数控台式管道切割坡口加工机床
- 输入加工参数，一键完成切割坡口作业
- 刀盘的旋转和进刀由阿基米德螺旋盘驱动
- 可选配自动定长系统
- 可选配喷码系统

Characteristic description

- High speed NC table type pipe cutting and beveling machine
- Input processing parameters, one key to complete cutting groove operation
- The rotation and feed of cutter head are driven by Archimedes spiral disk
- Optional automatic length determination system
- Optional inkjet system





技术参数

- 电压：AC 380V 50~60Hz 可定制其他电压
- 坡口角度：30° 、 37.5° 、 45°

TECHNICAL PARMETER

- Voltage: AC 380V, 50 ~ 60Hz, other voltage can be customized
- Groove angle: 30 °、 37.5°、 45 °

选型规格及参数 Type selection specifications and technical parameters

型号 Model	加工范围 Range mm	坡口壁厚 thickness mm	刀盘转速 Cutter speed rpm	功 率 Power kW	重 量 Weight Kg	尺 寸 Size mm
XC-6	Φ 34-168	3~30	可调Adjustable	5.5	1650	1400x820x1500
XC-12	Φ 48-325	3~30	可调Adjustable	5.5	1820	1500x960x1650
XC-16	Φ 60-426	3~30	可调Adjustable	5.5	2160	1700x1020x1820

- 请根据您的作业要求选择适合机型~
Please select the suitable model according to your operation requirements~

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



PE

高速数控 管道坡口机

High speed numerical control pipe beveling machine

特性说明

- 高速数控台式管道坡口加工机床
- 智能化加工：系统内置各种坡口的加工程序，操作者无需经过专业的数控编程培训，只需简单填写坡口参数即可一键式启动完成各种坡口加工
- 径向走刀和轴向走刀两轴数控联动控制
- 实现各种坡口型式如I、U、X、V、双V、双U型及内坡口、内镗孔等的全自动加工
- 选配物流和回转调头系统
- 采用封闭式机床防护罩和安全门，同时具有设备故障报警提示、参数设置错误提示等一系列安全措施

Characteristic description

- High speed NC table type pipe beveling machine
 - Intelligent processing: the system has built-in processing programs for various grooves, so the operator does not need to go through professional NC programming training, and simply fills in the groove parameters to complete various groove processing with one key
 - Two axis NC linkage control of radial and axial tool feed
- The automatic machining of various groove types such as I, u, x, V, double V, double U, inner groove and inner boring can be realized
- Optional logistics and turning system

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



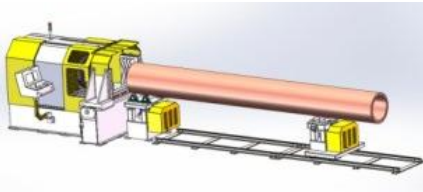


技术参数

- 电压: AC 380V 50~60Hz
- 进给方式: PLC伺服控制
- 控制方式: 触摸屏数字控制
- 进退刀方式: 径向+轴向伺服进退刀
- 坡口角度: 0~90°



升降式回转掉头系统
Lifting rotary U-turn system

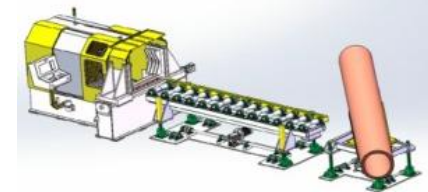


TECHNICAL PARMETER

- Voltage: AC 380V 50-60Hz
- Feed mode: PLC servo control
- Control mode: touch screen digital control
- Feed and exit mode: radial + axial servo feed and retreat tool
- Groove angle: 0-90 °



电动升降车物流系统
Logistics of electric lift truck



选型规格及参数 Type selection specifications and technical parameters

型号 Model	加工范围 Range mm	坡口壁厚 thickness mm	坡口形式 Groove form	功 率 Power kW	主轴行程 Spindle stroke mm	单刀切削宽度 Single tool cutting mm	单刀轴向进给 Single knife axial mm	径向进刀量 Radial feed mm/r	径向走刀速度 Radial cutting speed mm/min	轴向走刀速度 Axial cutting speed mm/min
PE-16	Φ 60-426	4~80	I/U/X/V	4	300	3~6	0~6	0~0.3	0~130	0~400
PE-24	Φ 114-630	6~150	I/U/X/V	7.5	300	3~8	0~6	0~0.3	0~130	0~400
PE-32	Φ 219-830	10~150	I/U/X/V	11	300	3~8	0~6	0~0.3	0~130	0~400
PE-40	Φ 325-1016	10~150	I/U/X/V	11	300	3~8	0~6	0~0.3	0~130	0~400
PE-48	Φ 400-1220	10~150	I/U/X/V	11	300	3~8	0~6	0~0.3	0~130	0~400

- 请根据您的作业要求选择适合机型~
Please select the suitable model according to your operation requirements~

TR TC

行星式管切割机 Planetary pipe cutter

产品描述

- 行星式切割方式
- 移动方便，操作简单，可选自动进刀方式
- 适合不同管径可选不同规格机型
- 可加工碳钢、不锈钢、合金高强度钢
- 冷切割方式
- 可配坡口角度锯片，加工坡口

FEATURES

- Planetary cutting mode
- Easy to move, easy to operate, optional automatic feed mode
- It is suitable for different pipe diameters and different specifications
- Suitable for processing carbon steel, stainless steel, alloy high strength steel
- Cold cutting
- Can be equipped with groove angle saw blade, and groove processing

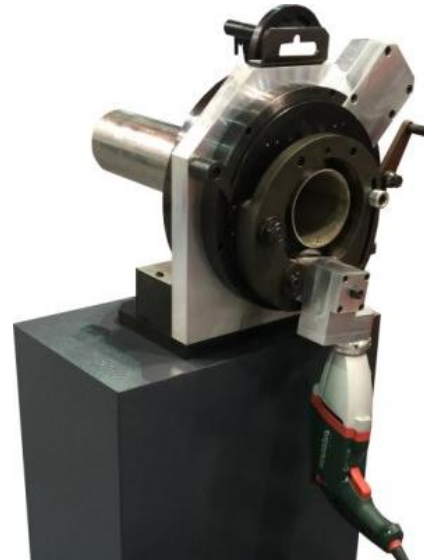
工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS



TR-120



TC-170/220/320

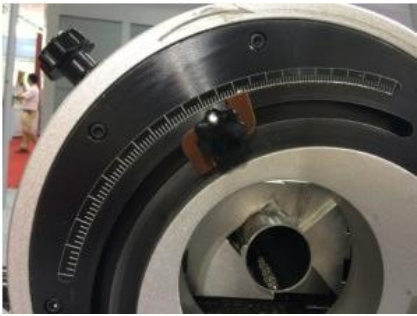


型号及技术参数/MODEL AND TECHNICAL PARAMETER

手动进刀 Manual feed	自动进刀 Automatic feed	加工范围 Working range(Ø d.mm)	切割坡口壁厚 Working thickness(mm)	刀盘转速 Rotating rate(rpm)
TR-120	OTK-120	Φ 20-121	1mm-4mm	80~120
TC-170	OTK-170	Φ 30-170	1mm-4mm	80~120
TC-220	OTK-220	Φ 60-225	1mm-4mm	80~120
TC-320	OTK-320	Φ 140-330	1mm-5mm	80~120
TC-420	OTK-420	Φ 215-420	2mm-6mm	80~120

- 请根据您的作业要求选择适合机型~
Please select the suitable model according to your operation requirements~

管径刻度
Pipe diameter scale



切口平整
The incision is smooth



切割锯片
Cutting blade



坡口锯片
Groove saw blade



管端平口机

Pipe end flattening machine

产品描述

- 专用于薄壁不锈钢管端的平口加工
- 管道平口加工后，端面无毛刺，管端垂直
- 体积小，重量轻，适用于任何工作场合使用
- 机型可选直流DC版和交流AC插电版
- 采用专用不锈钢夹具，按用户尺寸定制夹具
- 可特殊定制卡头进行坡口加工

FEATURES

- Special for flat end machining of thin wall stainless steel pipe
- After processing, there is no burr on the end face and the pipe end is vertical
- Small size, light weight, suitable for any workplace
- The model can be selected from DC version and AC plug-in version
- Using special stainless steel fixture, customized fixture according to user size
- Special customized chuck can be used for groove processing

工程案例

PROJECT EXAMPLE



应用现场

ON-SITE PROCESS





选型规格及参数 Type selection specifications and technical parameters

可选驱动 Optional drive	型号 Model	加工范围 Range mm inch		坡口壁厚 thickness mm	功 率 Power W	重 量 Weight Kg	尺 寸 Size mm
插电220V AC 220 V MPC 直流充电 DC charging	1. 0	Φ 3. 0	~25. 4 1/8~1. 0"	0. 5~3	1100	4. 8	500x280x178
	1. 5	Φ 3. 0	~38. 1 1/8~1. 5"	0. 5~3	1100	5. 1	500x280x195
	2. 0	Φ 6. 0	~50. 8 1/4~2. 0"	0. 5~3	1100	5. 3	500x280x195
	2. 5	Φ 9. 0	~63. 5 3/8~2. 5"	0. 5~3	1100	5. 4	500x280x200
	3. 0	Φ 12. 7	~76. 2 1/2~3. 0"	0. 5~5	1100	9. 5	400x320x240
	4. 5	Φ 12. 7	~114. 3 1/2~4. 5"	0. 5~5	1100	19	500x300x260

不锈钢管平口
Flat end of stainless steel pipe



平口效果
Flat mouth effect



专用夹具
Special fixture



合金刀片
Alloy blade



PC

C型外夹式
管道坡口机

C type external clip type
Pipe beveling machine

产品描述

- 外卡式定位安装，定心精确
- 应用于水冷壁、锅炉鳍片、省煤器、过热器、再热器、电厂等行业中，单管和排管的坡口加工
- 自动进退刀
- 电压：AC 220V 50Hz
- 坡口角度：30° 、 37.5° 、 45°

FEATURES

- External card positioning installation, accurate centering
- It is applied to the groove processing of single pipe and row pipe in water wall, boiler fin, economizer, superheater, reheater, power plant and other industries
- Automatic advance and retreat cutter
- Voltage: AC 220 V, 50 Hz
- Groove angle: 30 °、 37.5°、 45 °

工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS



选型规格及参数 Type selection specifications and technical parameters

型号 Model	电压功率 Pneumatic	加工范围 Working range(O.d.mm)	坡口壁厚 Wall thickness(mm)	刀盘转速 Rotating rate(mm)	重量 Weight (kg)	进刀方式 Working
PC-53-2	220V/1300W	Φ 14~53	≤8	0~285	8	自动进刀
PC-76-2	220V/1300W	Φ 25~76	≤12	0~285	9	自动进刀
PC-83-2	220V/1300W	Φ 51~83	≤12	0~285	14	自动进刀
PC-114-2	220V/1300W	Φ 83~114	≤12	0~285	16	自动进刀

钢板坡口铣边倒角机
Edge milling and chamfering machine for steel plate groove



H-15S

便携式
钢板坡口机

Portable steel
plate beveling machine

产品描述

- 本机专为金属板材焊接前坡口、倒角加工而设计
- 铣削加工方式，人工手动推进式进刀
- 重量轻，操作简便，震动小，使用安全可靠
- 完全冷切割，不影响材质，适用于碳钢、不锈钢、合金钢等多种材质
- 坡口表面光滑平整，满足K、V、X型坡口工艺
- 可选配专用夹具，对圆筒进行倒角坡口

FEATURES

- This machine is specially designed for metal plate welding groove, chamfering processing
- Milling mode, manual push feed
- Light weight, simple operation, small vibration, safe and reliable use
- Completely cold cutting, does not affect the material, suitable for carbon steel, stainless steel, alloy steel and other materials
- The groove surface is smooth and smooth, meeting the requirements of K, V and X groove process



工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS



应用现场
ON-SITE PROCESS



工程案例
PROJECT EXAMPLE



选配夹具
可加工圆筒
Optional fixture
Can process cylinder



配西门子电机
动力强劲，经久耐用
With Siemens motor:
Powerful power and durable



合金刀片
也可选配加工不锈钢材质刀片
Alloy blade
Optional stainless steel blade



技术参数 TECHNICAL PARMETER

型号 Model	功率 Power KW	主轴转速 Spindle speed rpm	进给速度 Spindle speed mm/min	最大坡口宽度 Max groove width mm	坡口角度 Bevel angle	夹持板厚 Clamping thickness mm	夹持板宽 Clamping width mm	夹持板长 Clamping length mm	刀片数量 Number of tools pcs	重量 Weight Kg	尺 寸 Size mm
H-15S	1.1	2870	≈1000	≤21	30°~60°	≥6	≥100	≥200	12	18	420x320x460

H-18

便携式 钢板多功能坡口机

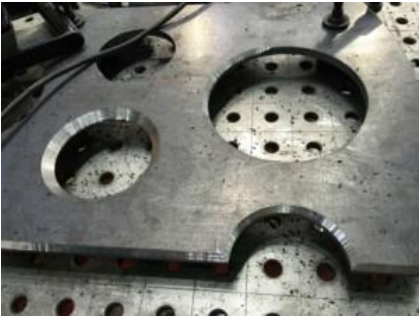
Portable steel plate beveling machine



产品描述

- 采用仿形设计，可以对曲线、弧面、圆孔、直线等钢板进行坡口加工
- 铣削式加工，被加工表面无氧化层
- 加工碳钢、合金钢、不锈钢等材质

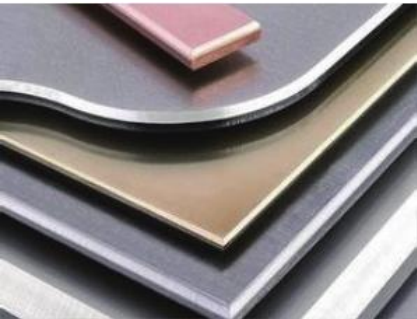
工程案例 PROJECT EXAMPLE



FEATURES

- With profiling design, groove processing can be carried out for steel plates with curve, arc surface, round hole and straight line
- Milling processing, no oxide layer on the machined surface
- Processing carbon steel, alloy steel, stainless steel and other materials

应用现场 ON-SITE PROCESS



技术参数 TECHNICAL PARMETER

型号 Model	功率 Power KW	主轴转速 Spindle speed rpm	进给速度 Spindle speed mm/min	最大坡口宽度 Max groove width mm	坡口角度 Bevel angle	刀片数量 Number tools pcs	重量 Weight Kg	尺 寸 Size mm
H-18	2.0	7500	≈1000	≤15	30/45°	4	7.5	520x180x220



刀具/tools

BJ

铣削式
自行钢板坡口机

Milling type
Self beveling machine

产品描述

- 冷加工方式，不改变板材金相
- 常规机型坡口角度在0~60°
- 全功能机型在0~90°
- 坡口表面精度高，无脱碳现象，可直接焊接
- 电动夹紧工件，自动行走加工，降低工人劳动强度
- 机身设计小巧轻便，便于移动和操作
- 通用铣刀片，降低加工耗材
- 可选规格齐全，满足不同工况需求

FEATURES

- Cold working mode does not change the plate metallography
- The groove angle of conventional machine is 0 ~ 60 ° The full-function model is in the range of 0 ~ 90 °
- High precision of groove surface, no decarburization phenomenon, can be directly welded
- Electric clamping workpiece, automatic processing, reduce labor intensity
- The fuselage design is small and light, easy to move and operate
- Universal milling insert, reduce processing consumables
- The optional specifications are complete to meet the requirements of different working conditions

工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS





自行铣边机部件介绍
Component introduction

角度调节机构
Angle adjusting mechanism



深度调节机构
Depth adjustment mechanism



铣刀盘
Milling cutter head



铣刀片
tool



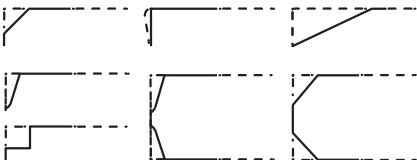
操控面板
Control panel



自行机构和升降机构
Self propelled mechanism
and lifting mechanism

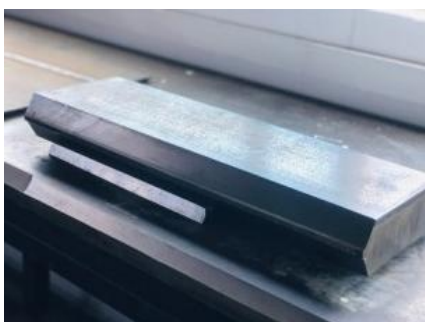


可坡口形式
Groove form





机型选择 Model selection



BJ-800

常规机型Conventional model
应用厚度20mm以下
The application thickness is
less than 20 mm



BJ-900

重型机型Conventional model
应用厚度20mm以上
The application thickness is
more than 20 mm



BJ-800L

全功能机型Full function
应用U型坡口、过渡复合坡口
Application of U-groove and
transition compound groove



BJ-910L

重型全功能型Heavy duty full
应用较大的V/U坡口、复合坡口
Large V, groove and compound
groove shall be used



BJ-900R

翻转机型Flip model

倒完上坡口翻转机型倒下坡口
After pouring the upper groove,
the turnover machine will pour
down the groove



BJ-910LK

双刀机型Double blade machine

应用上下坡口同时完成
The upper and lower grooves
shall be applied at the same
time

机型选择

Model selection



BJ-100

小板机型Small board model

应用小板作业
Application of small board
operation



BJ-500

数控小板机型CNC small plate

应用大批量的小板作业
Apply large batch of small
board work



更多精彩应用案例~

More wonderful application cases~



选型规格参数表 Type selection specification parameter table

型号 Model	功率 Power KW	主轴转速 Spindle speed rpm	进给速度 Spindle speed mm/min	最大坡口宽度 Max groove width mm	坡口角度 Bevel angle	夹持板厚 thickness mm	板宽 Board width mm	板长 length mm	刀片 tools pcs	重量 Weight Kg	尺 寸 Size mm	特性说明 characteristic
BJ-800	4.52	1050	0~1500	≤45	0~60°	5~60	≥80	≥300	6	255	800x690x1140	常用规格 Common specifications
BJ-900	4.92	500~1050	0~1500	≤70	0~60°	6~80	≥80	≥300	9	280	860x730x1260	厚板加工 Thick plate processing
BJ-800L	4.52	1050	0~1500	≤45	0~90°	5~60	≥80	≥300	6	260	950x700x1230	复合坡口 compound groove
BJ-910L	6.52	500~1050	0~1500	≤100	0~90°	8~100	≥100	≥300	9	480	950x1180x1430	U型/复合坡口 U/compound groove
BJ-900R	4.92	500~1050	0~1500	≤70	0~60°	6~80	≥80	≥300	9	370	1100x630x1340	x型坡口 X-groove
BJ-910LK	6.48	500~1050	0~1500	≤60	0~90°	6~100	≥100	≥400	6*2	460	950x1180x1430	同时铣X型坡口 Milling x groove at the same time
BJ-100	1.62	200	0~1000	≤25	25~80°	3~30	≥20	≥100	6	185	600x600x1100	适合小板 Suitable for small board
BJ-500	4.4	1050	0~1500	≤70	10~75°	8~80	≥80	≥300	6	920	1210x1310x1750	适合批量小板 Suitable for batch small board

- 请根据您的作业要求选择适合机型~
Please select the suitable model according to your operation requirements~

剪切式
自行钢板坡口机

Shear type
Self propelled steel plate
beveling machine

产品描述

- 利用剪切原理，自动完成对钢板的倒角、坡口作业
- 加工后的坡口表面无脱碳现象，可直接焊接
- 坡口角度在25° ~45° 之间调节
- 采用优质减速箱和电机，加工过程无噪音
- 多种规格，满足不同工况需求

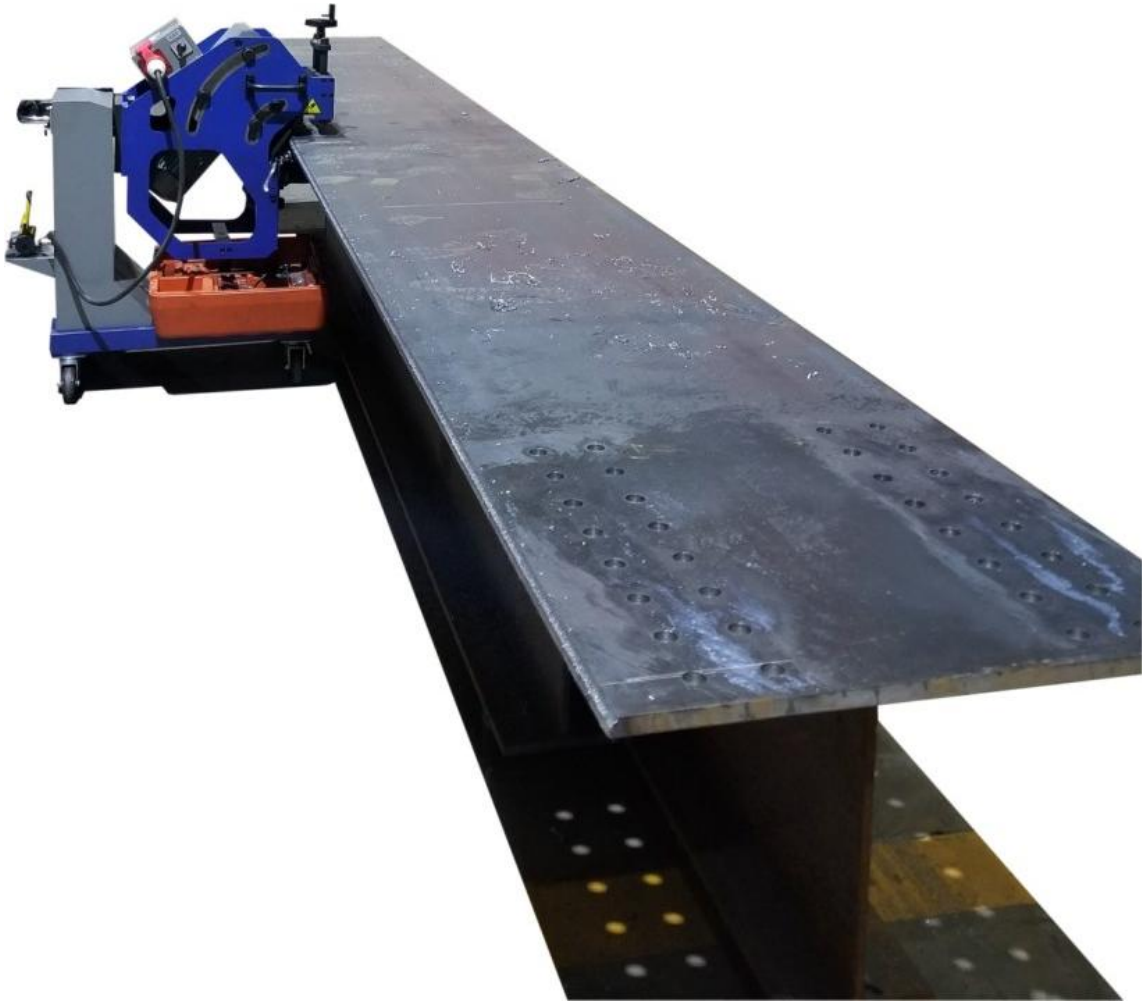
FEATURES

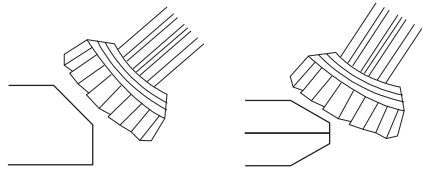
- Based on the principle of shearing, the chamfering and beveling of steel plate can be completed automatically
- There is no decarburization on the surface of the processed groove, which can be directly welded
- The groove angle is 25 ~ 45 degrees
- Using high quality reducer and motor, no noise during processing
- A variety of specifications to meet the needs of different conditions

工程案例
PROJECT EXAMPLE



应用现场
ON-SITE PROCESS





自行坡口机部件介绍
Component introduction

角度调节机构
angle adjusting mechanism



深度调节机构
Depth adjustment mechanism



刀盘
Cutter head



操控面板
Control panel



选型规格参数表 Type selection specification parameter table

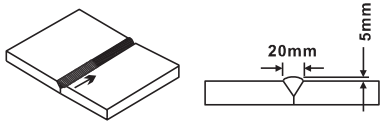
型号 Model	功率 Power KW	主轴转速 Spindle speed rpm	进给速度 Spindle speed mm/min	最大坡口宽度 Max groove width mm	坡口角度 Bevel angle	夹持板厚 thickness mm	板宽 Board width mm	板长 length mm	刀盘 tools pcs	重量 Weight Kg	尺 寸 Size mm	特性说明 characteristic
H-20	0.75	1450	1500	≤12(18)	25~45°	5~30	≥75	≥70	1	155	800x800x1120	常用规格 Common specifications
H-28	1.5	1450	1500	≤16(28)	25~45°	6~40	≥115	≥100	1	212	900x900x1260	厚板加工 Thick plate processing
H-20R	0.75	1450	1500	≤12(18)	25~45°	5~30	≥75	≥70	1	235	800x800x1420	X型坡口 X-groove
H-28R	1.5	1450	1500	≤16(28)	25~45°	6~40	≥115	≥100	1	315	900x900x1510	厚板X型坡口 Plate X-groove

- 请根据您的作业要求选择适合机型~
Please select the suitable model according to your operation requirements~

S-1500

焊缝余高铣平机

Weld reinforcement milling machine



产品描述

- 能快速清除焊缝余高
- 清除精度高，使用轻松便携
- 可以轻松的实现180度旋转
- 清理高度是通过旋钮式调节

余高铣平前

Before milling of surplus height



FEATURES

- It can remove weld reinforcement quickly
- High cleaning precision, easy to use and portable
- Can easily achieve 180 degree rotation
- The cleaning height is adjusted by knob

余高铣平后

After milling of surplus height



人体工程学设计

Ergonomic design



专用储存箱

Special storage box



技术参数 TECHNICAL PARMETER

型号 Model	功率 Power KW	主轴转速 Spindle speed rpm	进给速度 Spindle speed mm/min	最宽焊缝余宽 Max welding width mm	最高焊缝余高 Max welding height mm	重量 Weight Kg	尺 寸 Size mm
S-1500	1.2	7500	≈1000	≤20	≤5	5.0	460x175x290



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