

ET20 多功能全自動彎字機

Multifunction Automatic Letter Bending Machine

產品特點 Component characteristic

1. 最高可加工 20 公分材料，折彎刀口採用鑄件結構，整體鑄造成型確保告訴折彎穩定性。

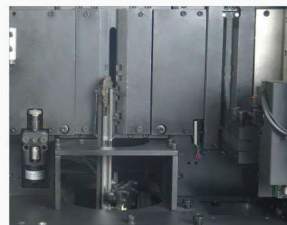
Max. can process 20cm wide material. The bending system adopts structural castings and is integrally cast to ensure the stability of high-speed bending.

2. 送料結構採用雙滾珠螺桿配合尼龍齒輪傳動，定位精準確保送料平穩順滑，大大提高了機器的送料速度和穩定性。

The feeding structure adopts double ball screw matched with nylon gear transmission ensuring the precise positioning, smooth feeding, greatly improving the feeding speed and stability.

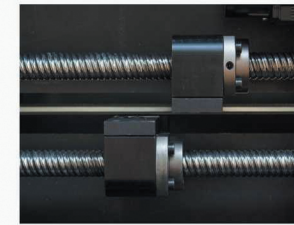
3. 開槽機構新增吹氣降溫功能，確保開槽平穩的同時，延長刀粒的使用壽命

The slotting mechanism adds a new air blowing and cooling function to extend the service life of the cutter while ensuring smooth slotting.



獨立雙刀開槽機構

Independent double-blade slotting



雙螺桿送料



伺服電機

servo motor



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機器參數 MODEL PARAMETER

Slotting Method / 開槽方式	Plane cutter/milling wheel cutter / 刨刀/ 合金銑刀開槽
Bending Method / 折彎方式	Double tools alternate bending system / 雙刀交替折彎
Package Size / 包裝尺寸	1410*780*1600mm
Working Space / 占地尺寸	2400*1100*1500mm
Suitable Material / 適用材料	Stainless steel, galvanized plate, Aluminum plate and profile 不銹鋼. 鍍鋅板. 鋁平板. 鋁型材
Slotting Trip / 加工行程	10~200mm
Material Thickness / 材料厚度	0.4~1.2mm
Min. Bending Angle / 最小折彎處	R6
Control System / 控制系統	7 axis control system (3 servo axis control) / 7軸控制系統(三軸伺服控制)
File Format / 文件格式	Dxf.Plt.Ai
Power / 電源	AC220V, 50Hz, 2.0Kw
Machine Weight / 整機重量	700Kg

機械手迴圈式夾持送料結構，料夾採用結構鑄件，在提高送料抓力的同時，避免對材料造成劃傷。通過使用氣缸對送料支架進行控制，有效消除在送料過程中的翹料現象，保證料線平穩順滑。雙滾珠絲杠配合尼龍齒輪傳動，定位精準，大大提高了機器的送料速度和穩定性。採用雙刀具獨立開槽結構，可輕鬆應對各種材料，進口直線導軌配合滾珠絲杠，結合大功率伺服電機，確保開槽的穩定性和一致性。開槽刀具採用進口高強度合金刀粒，每個刀粒具有8個刃角，無需磨刀只需轉角，延長使用壽命的同時大大提高加工效率。雙刀交替式折彎結構，刀口加寬至20CM，採用球墨鑄鐵鑄造的彎刀結構，吸收震動性好、結構强度高，減少了零部件拼接數量，配置大功率伺服電機，保證高速折彎工作下，折彎機構永久不變形，有效提高定位精度以及高速折彎的穩定性。

Manipulator alternately feeding structure, the material clamps are casted which can avoid scratching the material, meanwhile improving the feeding holding. Using air pressure to press the material, avoid material uneven and ensure the smooth feeding. The double ball screw is matched with nylon gear transmission for precise positioning, which greatly improves the feeding speed and stability of the machine.

Plane cutter can slot all kinds of materials. The linear guideway is matched with the ball screw, with 750W high-power servo motor, greatly improve the feeding speed and stability.

High strength alloy cutters are used for slotting knives, each knife has 8 angles, no need to sharpen, greatly improve the working life.

Double-knife alternate bending structure, the curved knife structure cast by ductile iron, good shock absorption, high structural strength, reduced number of parts splicing, high-power servo motor, high-speed bending work Under the bending mechanism, the bending mechanism is permanently deformed, which effectively improves the positioning accuracy and the stability of the high-speed bending.

Double bends alternate bending structure, the bend is widened to 20CM, adopts the bends structure cast by ductile iron, which has good shock absorption and high structural strength, reduces the number of parts and components, equipped with high-power servo motor, which effectively improves the positioning accuracy and the stability of high-speed bending.

應用樣品展示



精品字
Seiko letter



樹脂字
Resin letter



無邊字
Brimless letter



型材字
Edged Aluminum letter



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