

ZB-6710 全自动弯字机

ZB Flat Aluminum channel letter bending machine



设备简介 / Equipment introduction:

ZB-6710 全自动弯字机采用履带式送料、V型刨槽、内置闭环控制系统，实现了图形轮廓长度的闭环监控，确保送料精度达 ±0.1mm；伸缩交替式折弯模式，使加工产品的成形度可达 90% 以上；采用高性能多轴运动控制卡和自主研发的软件控制系统，具有性能稳定、开槽深度恒定、加工速度快等优点，是一款专业只做平面铝材无边字的工业化标识生产弯字装备。

ZB - 6710 automatic channel letter bending machine uses crawler feeding device, v-shaped groove and the built-in closed-loop control system to realize the closed-loop monitoring graphics contour length that ensures feeding accuracy of ±0.1 mm. It is with adjustable alternating bending mode which makes the processed products forming degree to reach more than 90%. And it Uses high-performance multi-axis motion control card and independent research and development of software control system to be with advantages of stable performance, constant slot depth and fast speed processing, etc. It is a professional identification of industrialization production of rimless letter bending equipment which only uses flat aluminum.



Attention
专业加工铝材
无边字的工业化标
识生产弯字装备。
ZB-6710

机构优势：Structure Characters:

- 履带式送料方式，机构体积小，运行速度快，送料无压痕；
The crawler feeding device has characters of small volume, running speed and feeding without scratch on material.
- 闭环控制系统结合编码器自适应机构，确保高精度送料；
Closed-loop control system combined with encoder adaptive mechanism ensure high precision feeding.
- 使用硬质合金成型刀具，开槽成本忽略不计；
Carbide formed cutter makes slot without cost.
- 伸缩交替式折弯机构，采用高刚性齿轮传动，具有折弯力矩大，干涉区域小等优点；
Adjustable alternating bending mechanism uses the high rigid gear transmission to get large bending torque and small interference region.
- 享有软件终身免费升级。
Software update free lifetime.

软件支持 / Software support

DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

设备主要技术参数 / Technical Parameter

电源 Power supply:	AC200V
整机功率 Power:	1.0KW
空气压缩 Compressed air:	0.4—0.6MPa
适用材料 Applied Material:	平面铝卷 (Flat aluminum)
材料规格 Material thickness:	0.6mm
加工高度 Processing height:	10-80mm
送料方式 Material feeding method:	履带式送料 (Crawler feeding)
伺服电机 Servo Motor:	1PC
步进电机 Step motor:	1PC
设备质量 N.W.:	175Kgs
设备尺寸 (未安装台面) Dimension:	1460(L) × 600(W) × 1550(H)mm



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经 销 商 名 片 处

字邦 全自动弯字机

Economic Automatic Channel Letter Bender



标识生产经济型首选弯字机。
ZIBON Economic Channel Letter Bender is
Your First Choice For Making Sign.

ZB-8510 全自动弯字机

Economic Automatic Channel Letter Bender with grinding wheel slotting

设备简介/Brief Instruction:

ZB—8510全自动弯字机采用辊压送料、砂轮片开槽、内置闭环控制系统，实现了图形轮廓长度的闭环监控，确保送料精度达±0.15mm，伸缩交替式折弯模式，使加工产品的成形度可达80%以上，采用高性能多轴运动控制卡和自主研发的软件控制系统，具有性能稳定、砂轮片损耗自动补偿、加工速度快等优点，是LED不锈钢字、冲孔字、树脂字等工业化标识生产的经济型弯字装备。

ZB—8510 Automatic channel letter bender is an economic equipment for making built up 3D letters. It uses roller feeding, grinding wheel slotting and closed loop control system to realize the closed-loop monitoring graphic contour length to ensure feeding accuracy ±0.15mm. Up-down alternating bending bars mode makes letter forming degree getting more than 80%. The machine has features of stable performance, grinding wheel wearing detection and compensation and fast processing ,etc with high performance driver control card and our own developed software.

设备优势/Advantage of the equipment:

- 伸缩交替式折弯模式，降低折弯划伤、减少折弯过程干涉、提高折弯力矩，实现高精度折弯；
Unique bending type of telescopic alternative bending-greatly reduces the bending scratch, avoids interference in the bending process and substantially increases the bending torque.
- 成型度高，与各类精密设备切割的面板重合度达98%以上；
High degree of forming-the coincidence degree reaches as high as 98% with the flat letter that bended by many other sort of precise equipments.
- 折弯过程智能化，通过智能干涉检查，减少在弯字过程中出现的干涉碰撞；
Intelligent bending process - it can reduce interference and collision in bending process by the intelligent inspection system.
- 高精度，内置送料长度的闭环检测，确保加工成品与原始文件总长偏差<0.1mm，且保证同文件重复制作的一致性；
High precision-equipped with closed loop testing device for testing feed length inside, assuring the total length deviation bending less than 0.1mm between the product and original document and also assuring the consistency of manufacturing the same document repetitively.
- 辊压式送料方式，机构体积小，运行速度快；
Roller feeding with small size mechanism to realize fast processing;
- 数控轴控制开槽深度，实现磨损检测及智能补偿；
Digital axis with a sensor controls slotting depth, to achieve wearing detection and intelligent compensation;
- 角磨片开槽使用成本低，仅需1元/片；
Using cost of grinding wheel slotting is cheap, Less than USD0.2/pc;
- 旋臂式显示支架、可自由调节视觉效果；
Spiral arm type display stand to adjust the visual effect freely;
- 终身享有操作软件免费升级；
Free software update in lifetime;

软件支持 / Software support

DXF/PLT文件输入，支持CAD、TYPE3、CRELDRAW、ILLUSTRATOR等。
DXF/PLT files input, support CAD, TYPE3, CRELDREW, ILLUSTRATOR, etc.

设备主要技术参数 / Technical Parameter

电源 Power supply:	AC200V
整机功率 Power :	1.5KW
空气压缩 Compressed air:	0.4—0.6MPa
开始折弯距离 Bending distance from start:	3mm
适用材料 Applied Material:	不锈钢、镀锌板、铝卷 (stainless steel,galvanized sheet,aluminium coil)
材料规格 Material thickness:	0.6-1.0mm
加工高度 Processing height:	20-110mm
送料方式 Material feeding method:	辊压式送料 (Roller feeding)
伺服电机 Servo Motor:	1PC
步进电机 Step motor:	2PCs
设备质量 N.W.:	260Kgs
设备尺寸 (未安装台面) Dimension:	1160(L)×820(W)×1730(H)mm

