



## WE67K 电液同步数控折弯机

ELECTRO-HYDRAULIC SYNCHRONIZED CNC PRESS BRAKE

### 性能特点

- ◆ 流线型设计，高速度、高精度、高刚性的数控板料折弯机；
- ◆ 电液伺服系统，全闭环控制滑块同步；
- ◆ 工作台液压挠度补偿和喉口变形补偿机构，确保折弯精度；
- ◆ 后挡料采用数字交流伺服电机驱动，精密滚珠丝杠传动，直线导轨导向。

### Features

1. CNC sheetmetal pressbrake with streamlined design, high speed, high precision high rigidity.
2. Electric hydraulic servo system, full loop controlling the synchronization of the upperbeam.
3. Equip with hydraulic crowning compensation on worktable and deformation compensation device on throat, to make sure bending depth and precision.
4. Backgauge is driven by digital AC servo motor,moved by ball screw, linear guideway guiding.



### S525 意大利ESA公司



- 单色5.7" LCD显示器 (320x240像素)
- 32MB固态硬盘
- 32KB的FRAM(断电保存)
- 符合IP65防护等级的37键键盘 (31个通用键 + 6个位于显示屏下方的功能键)
- 3个轴, 采用DC5V的高速编码器输入接口, 以及15位的±10V模拟信号输出
- 2个12位的0~10V输入接口, 其中一个可以按需要设置为0~5V, 0~10V, ±10V, 另一个为固定的0~10V输入接口
- 2个8位的0~10V输出接口16个输入点 (DC24V)
- 16个输出点 (DC24V), 每点最大输出0.7A, 带过载及短路保护功能
- 2个RS232接口 (其中一个支持RS232/RS422)
- 1个CAN接口
- DC24V电源供电

- Graphic monochrome 5.7" LCD display (320 x 240 pixels resolution).
- 32 MB Silicon Disk.
- 32 KB of FRAM (no battery backup required).
- 37 mechanical keys IP65 keyboard (31 general purpose keys plus +6 function keys place on the lower side of the display).
- NPN/Push pull. The encoders are powered at 5Vdc (max 200mA per channel).
- 3 analog outputs(±10V) with 15bits + sign resolution.
- 2 analog inputs, 12 bits resolution. One having configurable ranges 0~10V, 0~5V, ±10V; the other one fix range 0~5V.
- 2 general purposes analog outputs, 0~10V (8 bits resolution).
- 16 digital inputs, 12 bits resolution. Protected against overload and short-circuits.
- 2 serial ports RS232 (one port RS232/RS422).
- 1 CAN port with 9 pins Sub D F connector.
- 24Vdc power supply.

### S530 意大利ESA公司



- 单色5.7" LCD显示器 (320x240像素)
- 32MB固态硬盘
- 32KB的FRAM(断电保存)
- 符合IP65防护等级的45键键盘 (39个通用键 + 6个位于显示屏下方的功能键)
- 4个轴, 采用DC5V的高速编码器输入接口, 以及15位的±10V模拟信号输出
- 2个12位的0~10V输入接口, 其中一个可以按需要设置为0~5V, 0~10V, ±10V, 另一个为固定的0~10V输入接口
- 2个8位的0~10V输出接口
- 32个输入点 (DC24V)
- 32个输出点 (DC24V), 每点最大输出0.7A, 带过载及短路保护功能
- 2个RS232接口 (其中一个支持RS232/RS422)
- 1个CAN接口
- DC24V电源供电

- Graphic monochrome 5.7" LCD display (320 x 240 pixels resolution).
- 32 MB Silicon Disk.
- 32 KB of FRAM (no battery backup required).
- 45 mechanical keys IP65 keyboard (39 general purpose keys plus +6 function keys place on the lower side of the display).
- 4 fast counting circuits for Line Drive 0~5Vdc differential encoders or NPN/Push pull. The encoders are powered at 5Vdc (max 200mAper channel).4 analog outputs(±10V) with 15bits + sign resolution.
- 2 analog inputs, 12 bits resolution. One having configurable ranges 0~10V, 0~5V, ±10V; the other one fix range 0~5V.
- 2 general purposes analog outputs, 0~10V (8 bits resolution).
- 32 digital inputs (24Vdc).
- 32 digital outputs (24Vdc, 0.7A max.) protected against overload and short-circuits.
- 2 serial ports RS232 (one port RS232/RS422).
- 1 CAN port with 9 pins Sub D F connector.
- 24Vdc power supply.

### S540 意大利ESA公司



- 10.2" TFT液晶彩显
- 交互式二维图形编辑器, 用于工件和模具数据的输入
- 二维演示机床框架、工件和模具手动
- 二维识别最佳折弯次序
- 以制表方式编程轴的位置, 并带自动依次检查, 自动计算R轴和Z轴及折弯吨位
- Windows用户界面
- 提供完全脱机编程操作功能
- 可定制的警报信息功能
- 跟随托臂, 厚度侦测仪, 角度测量设备, 机器人接口, 双机联动折弯机控制功能
- 可选择金属外箱, 标准PC键盘
- 防刮伤、防油污、抗酸性的IP65型50键操作键盘
- 记忆棒(闪存)
- 处理器采用Pentium或Intel, FPGA一体成型, 平面架构, 光纤处理, 完整形态演示
- 2个通讯端口: RS232 X2, USB端口X2以及可连接局域网
- 记忆棒(闪存)用于超过7,000个工件程序
- 标准4+W, 可依需求增加到6+W的功能
- 5V或12V逐渐增加的编码器输入 (line-driver or single ended)
- 编码器出错诊断: 编码器最大输入频率500 KHz
- 标准32输入和32输出
- 特殊输入/输出板用于压力和补偿阀(可达3A)

- 10.2" TFT VGA color display with antiglare screen
- Interactive 2D graphic editor for work-pieces and tools data entry
- 2D graphic display of machine frame, work-piece and tools
- Manual 2D graphic identification of the best bending sequence
- Programming of the axes positions in tabular mode with automatic syntactical checks, automatic calculation of the R and Z positions and of the bending and crowning tonnage
- Windows like user interface
- Complete off-line programming on a standard PC
- Customizable alarm messages
- Following arms, thickness detector, in-process angle measurement units, robotic interfacing, controlling for tandem press-brakes
- Ergonomic moulded plastic housing, with a panel suitable for machine operational selector-switches and push-buttons
- Dedicated scratch proof, oil-proof IP65 keyboard with 50 keys
- Silicon hard disk(flash disk)
- CPU Pentium class, FPGA Integrated logics, surface mounting, fiber optic
- Communication ports: 2 serial ports RS-232/422, 2 USB port for memory stick Local area network
- User memory Silicon hard disk/flash disk for more than 7,000 part programs
- Standard 4+W, on request up to 6+W
- 5V or 12V Incremental encoder inputs (line-driver or single ended)
- Encoder fault diagnosis: maximum encoder input frequency 500KHz
- Standard 32 Inputs and 32 Outputs
- Special I/O board for pressure and crowning valves(up to 3A)