

ADM INC ADVANTAGE DISCOUNT MACHINERY Inc.

EMAIL: the12call@yahoo.com Web: www.ADMInc.Biz

To:

Date:

Quote #

Phone:

Fax:

Eml:

WE ARE PLEASED TO QUOTE THE FOLLOWING SERVICES, SUBJECT TO THE TERMS STATED BELOW.

ONE (1) Carriage & Control Upgrade for Your Eaton Leonard VB300 CNC Eagle 3" CNC or Addison CNC Tube Bender

FEATURES:

New Current Tech Control

- Touch screen data entry
- XYZ or YBC data entry
- Reverse and mirror image calculations
- Spring back calculator

Y-axis and B-axis carriage upgrade

- New servo motors for both axes

Rebuilt to include:

- See specification pages 1 thru 2 to follow

Standard Machine Price.....F.O.B. Elkhart, IN \$ 64,950.00 USD

Note: (For Installation on your site additional charges will be billed at cost for travel and expenses for our Technician)

Available Options Pricing:

Install new linear rail & bearing Y axis upgrade option..... **\$ 10,000.00 USD**

Terms: 55% with order, 35% prior to shipment, 10% Net 30 days (Please see attachment)

Delivery: 4-5 weeks after receipt of order

F.O.B.: Elkhart, IN (Customer is responsible for all shipping costs, trucking can be Coordinated by ADM Inc if preferred)

Note: Any mechanical and hydraulic work along with tooling work to be quoted and approved separately.

Carriage & Control Retrofit Spec Attachment Sheet 1 of 2

Electrical:

- Remove all existing electrical control components and wiring from core machine.
- Install all new machine sensors and wiring.
- Install new Y and B axis drive system with geared drive servo motors.
- Install new cable carrier and all new wiring to B axis.
- Install new encoder for C axis. (swing arm)
- Install all new wiring, flexible conduits, S.O. cords and related hardware.

Control Features:

- Current Tech "BendPro CNC" Control
- Off the shelf, high quality components
- Compact, Industrial PC with Intel Pentium MMX Processor
- Bright, easy to read, high resolution, color LCD, flat panel display
- Scratch resistant, industrial, capacitive touch screen (Micro Touch)
- XYZ or YBC (LRA) data entry and conversions supported
- Windows XP operating system with 32 bit, multitasking, high performance control software
- Microsoft Access compatible database stores all part number information including bend data, setup data, tooling data and average cycle times
- Resident Ethernet port supports 100/10 Base -T network communications. BendPro can be networked to office PC's, the Internet and measuring stations
- Unlimited part number storage via resident, industrial disk drives or office network
- Ability to access office databases for importing/exporting part data and production info
- Advanced bend data editor includes add, insert, delete, copy and paste line commands
- Special machine sequences and interference moves can be programmed on each bend line
- Display and rotates 3D image of programmed part in real time
- Bending can be performed in Manual, Step Cycle, or Automatic Cycle modes
- Interfaces to Inspection machines including MultiSystems and Romer
- Easily accessible 3 1/2" floppy disk drive for transferring new software enhancements or database files
- Optically isolated I/O modules interface to bender solenoid valves and limit switches
- Compact control enclosure (18" wide x 18" high x 8" deep) houses entire control
- Quick connect style connector (T&B) interface control to main electrical box on bender
- Auto Spring-back & Elongation calculator can be used to apply angle and/or straight length compensation (Constant and proportional)
- Programmable speeds for each axis (1 to 100%).
- Programmable mandrel mode functionality including auto lube and early mandrel extract

(Continued)

Carriage & Control Retrofit Spec Attachment Sheet 2 of 2

- Production parts counter with programmable limit
- Control screens with graphical representation of bender render clear view of all machine status including limit switch states and axis positions in real time
- Open and closed collet modes supported
- Reverse and mirror image parts functions supported
- Advanced diagnostics automatically detect and display warnings or fault conditions
- Unlimited hitch moves supported
- Recapture end in zone areas supported

Optional Control Features

- BendPro software can be run on office PC for off-line programming and (trial runs) of new parts
- Programmable pressures, speeds and distance for CP, PD, and PDA

Documentation: Operators manual with electrical schematics

Warranty: Standard one-year control warranty applies. (Please see attachment)