

CNC Milling Control upgrade project

Gathering up the details needed for a budgetary quotation

With some basic information and a few photos we can quote your control upgrade project. Feel free to expand on your answers as needed. Type into this document or start your own document using these questions as a guideline.

Company : _____ Contact name: _____

Address: _____ City _____ State _____

Zip: _____ Phone: _____ Email: _____

Machine Type: _____ Make: _____ Model: _____
Horizontal, Vertical, Boring, knee, machining center

Photos:

- The overall machine from 2 angles - wide view
- The spindle driver (usually found inside the electrical enclosure)
- The electrical enclosure with the doors open. Depending on space available, it is sometimes necessary to take photos of the upper half then the lower half. That is fine.
- Automatic tool changer.
- The lube pump
- If visible, the X,Y,Z servo motors and the spindle motor. The motor label information is especially useful.

Higher resolution photos are great but try to keep each photo under 1 meg in size. You can reduce the size by zipping up the photos. Each email should be no larger than 2 meg.
If maintaining the photo file size is too technical then try adjusting your camera resolution in the area of 1024 X768 to 1600 X 1200.

AXIS

- How many axis are moving? _____
- Does any single axis use 2 servo motors? _____
- What sizes are the servo motors? List the information on the motor label.
- How many spindles are there? _____
- What is the size of the spindle motor? List the information on the motor label if easily viewed.
- When was this machine last run? _____ Did this machine run at its current location? YES / No, it was just purchased
circle one

Specifications:

- Power supplied to the machine. VAC _____ single or three phase? _____
- Does each axis have limit switches? _____ Are they usable or to be replaced.
Circle one
- Length of travel for each axis. Axis 1 is X axis. Travel _____ L / R indicate whether linear / rotary
- Axis 2 is _____ axis. Travel _____ L / R
- Axis 3 is _____ axis. Travel _____ L / R
- Axis 4 is _____ axis. Travel _____ L / R
- Axis 5 is _____ axis. Travel _____ L / R
Circle one

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Spindle motor H.P.: _____ Spindle control: CW/CCW - Programmable frequency control - DC controller
Circle one

Is there a flood coolant pump? _____ If over 1/8 H.P. list the motor's volts, amps & single or 3 phase rating.

Is there a spray mist unit? _____ If other than 110VAC solenoid coil list specifications.

List any other services that are to be controlled by the new control. Automatic Tool Changer, pallet changer, clamps, hydraulic pump, etc. _____

Do you have a specific deadline for the completion of this project? _____

Comment on your reasons for considering this CNC control upgrade project. _____
Reliability, File size & transfer, need more features, etc.

Complete as best as you can then email back to Doug Laursen at sales@cncmachinesinmotion.com I will review your machine information, then prepare a budgetary quotation and list of control options for you to consider. CNC control replacement is what we do. It is our goal that your machine perform reliably, accurately, and with new time saving features. We work quickly, with most installations and training completed on-site.

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After sending, Please phone me to confirm that our office has received your information.