

CSP SERIES

Cnc Servo Package



* Does not include PC

BRIDGEPORT PACKAGE SHOWN

FEATURES :

Full Featured 3 Axis CNC Servo Controller
19" rack mount Power Box
Contains Amps, Pwr supply and interface boards
3 Servo Drive Units or 3 Servo motors
4 axis DSP CNC controller card (req 1 ISA slot)
CNC Software
Cables, Manuals
Control for CNC Gantry's, Milling machines, Engravers, Laser, plasma, Waterjet Cutters
4th axis capability now available

All CSP packages now available with Galil3 axis ECONO series PCI controllers and GCNC software. Add 400.00 to CSP price (see GCNC software description for details on software differences)

JRA

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The **CSP** series servo controls from **JRA** are full featured 3 Axis PC based controls ideally suited for retrofitters, machine builders, and machine owners looking for an affordable, high performance motion control system. All systems include everything needed to get your machine up and running with minimum effort. Just install the motion control card in your PC compatible computer, load the software , attach the motors to the machine and you are ready to run.

SOFTWARE

Our software is unsurpassed in ease of use and functionality. Large real time position displays allow the operator to easily see the current axis position from across the room. Feed override allows changing feedrate in motion from 0-200%. MDI, JOG and AUTO modes look just like a standard CNC front end. Full GCODE support includes canned cycles, drill cycles ,peck cycles, cutter compensation tool length offsets, work offsets, tool changes and more. An onscreen editor allows programs to be modified or created easily and quickly. Large cnc files may be loaded > 10MB for users using cam systems to generate tool paths. The block look-ahead feature (1000 blocks) insures smooth contouring on CAM generated toolpaths consisting of small block segments by looking ahead in the path 1000 blocks.

Onscreen graphics allow the path to be viewed in isometric, plan, side views prior to running. Machine parameters may be configured in software to set up for your particular machine elements such as travel, counts per inch, jog rates rapid rates, feed rates, backlash and more. Mcodes allow control of auxilliary functions like coolant, spindles, etc.

The optional gcode translator allows plot files created in AutoCad to be converted into standard gcode files The Translator is ideal for Plasma cutting, Engraving, Laser cutting. The ability to control a 4th axis is now available. Please call or email for more information

FLEXIBILITY

The **CSP** packages are configured in 3 basic sizes to properly match your application. Sizing packages means you don't buy more performance than your application requires. These sizes range from Desktop CNC with smaller amps motors and power supplies all the way to our **bridgeport** retrofit series designed for a direct motor replacement for **BOSS 3-6** controls

CSP-3 \$4200.00

FOR USE ON: CNC MILLING MACHINES/HEAVIER GANTRY
USES NEMA 34 MOTOR
ABOUT 200 IN/MIN RAPID
150 IN/MIN FEED
25000 ENCODER COUNTS/IN(2.5:1 REDUC)
THRUST= 800LBS MAX

BSR-2 \$5200.00

BRIDGEPORT BOSS 3-6 RETROFIT PACKAGE
USES NEMA 34 MOTOR
ABOUT 200 IN/MIN RAPID
150 IN/MIN FEED
90000 ENCODER COUNTS/IN(4:1 REDUC)
THRUST= 900LBS MAX

* Rate and thrust info based on 5 pitch ballscrew

I/O pack \$200.00

4 SSR @ 10a outputs
3 opto-isolated home limit inputs
For use with Mcodes and Home limits

AutoCad plotfile Translator \$50.00

Converts AutoCad plot files
To GCODE for ACAD ver 10-12

MAKE CHECKS PAYABLE TO: JRA
50 % DEPOSIT REQUIRED
ALLOW 3-4 WEEKS DELIVERY ARO

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