MDSI Packaged Control Solutions

Control hardware plus OpenCNC® or WinMotion® preloaded

Reduce integration costs with MDSI's new packaged control solutions.

With OpenCNC® or WinMotion® open-architecture software preloaded, plus all the necessary hardware, MDSI's new packaged control solutions offer the best of both worlds.

Both new packages combine MDSI's innovative and industry-leading high-speed software, an industrial hardened PC, a NEMA-rated flat touchscreen monitor, and machine interface into a complete control package. It's convenient, user friendly – and it saves you time and money.

Every package includes:

- Industrial PC with Pentium III 1.0 GHz, in compact, rugged and expandable package, with room to install network or machine interface cards
- 15" flat panel touchscreen
- OpenCNC® software CNC or WinMotion® soft motion control preloaded
- Microsoft® Windows 2000® (Windows XP® available soon)
- Support for 4 or 8 axes, up to 128 I/O
- Optional handwheel pendant and a selection of industrial keyboards
- Machine interface components and cabling pre-installed, configured, and tested
- One-year warranty on all parts and labor

15" high resolution TFT flat panel touchscreen monitor

®MDSI

A subsidiary of Tecumseh Products Company

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Components

15" LCD Touch Monitor

- State-of-the-art 15" Sharp Smart Panel TFT XGA color LCD supporting resolutions up to 1024 x 768 @ 75 Hz, 16-million colors

- Sophisticated scaling engine produces excellent full-screen images in all common VESA modes automatically

- Analog resistive touch screen and driver software standard

- Shallow mounting depth – only 2.3" deep

- Precision die-cast powder coated aluminum front bezel

- Provision for 75mm VESA arm mounting on back of monitor

- Simple installation using mounting clips – no studs

- 10-ft. cables, can be extended to 35 feet or more

- NEMA 4/4X/12 front panel

- UL listed for hazardous locations: Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G
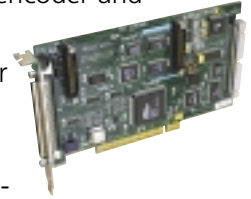
Industrial PC

- Pentium III 1.0 GHz PC

- Field removable 40 GB hard drive

- Ports: two serial, one parallel, PS/2 keyboard and mouse, and VGA

- 2 USB ports, CD, floppy

- 3 PCI and 2 ISA slots

- Integrated AGP graphics controller with 4 MB video RAM

- 1 GB CompactFlash Drive

- CD-ROM drive (CD-R/W upgrade optional)

- 10/100 BaseT Ethernet port, suitable for real-time Ethernet I/O

- Multiple mounting options

- CE and UL certified

I/O

- Your choice of 24V inputs, 24V outputs, AC inputs, AC outputs or relay modules. Uses one PCI slot.

- Industry-standard opto-22-style I/O racks and cabling

Machine Interface PCI Board

- Choose 4 or 8 encoder and DAC channels

- Watchdog timer relay

- Encoder out of sequence detection. Uses one PCI slot.

- High-speed inputs for probing

Options

Handwheel Pendant

- Supports up to 6 axes

- Three jog distances

- Emergency stop

- 4-foot coiled cable

Keyboard and pointing device

- Choice of stainless steel NEMA-rated keyboard and trackball, or flexible keyboard

The MDSI OpenCNC Control Solution.

Call 1-888-OpenCNC or visit www.mdsi2.com today for more information.

From software to total manufacturing solutions

- OpenCNC
- WinMotion®
- MAXIMUM Factory™
- OpenCNC Grinder

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