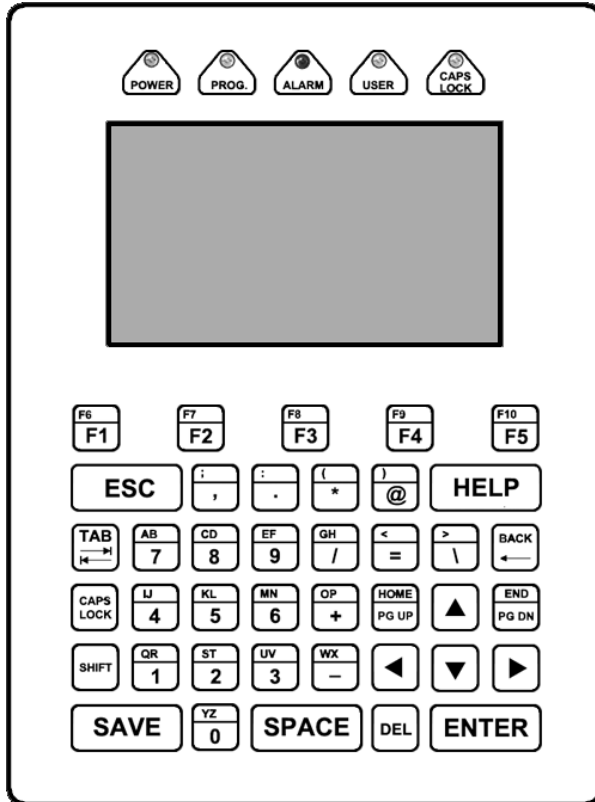


AVR / EPT-XYB / ISO / PR / SFZ



Description

Compact 5-axes CNC controller with PLC, keyboard and graphic display. Connection through RS232, USB, CanBus, Ethernet. The controls axes and I/O. Expansible I/O (with KSE-CIO modules). Suitable for retrofits of machine-centres with ISO programs. Includes functions for circular and elliptical interpolation.

Technical details

Digital Input: 32 optoisolated inputs (500V DC).

Digital Output: 32 optoisolated outputs (500V DC).

Encoder: 5 channels for Incremental/SSI encoders.

DAC: 8 14-bit analog outputs (+/- 10V) with 1.22mV resolution. All channels are filtered and short-circuit protected.

ADC: 8 16-bit analog inputs (+/- 10V) with 0.3mV resolution. All channels filtered.

PLC: built-in for I/O, Axes and peripherals control.

COM PORTS: COM1 (RS232) + COM2 (configurable as: RS232, RS422 o RS485).

ETHERNET: 10/100 Mb with RJ45 port with FTP protocol for (remote) backup.

USB: 1 Hi-Speed (12Mbit) slave port.

Keyboard: alphanumeric keyboard.

Display: graphic display 240x128

Power supply: 220V DC

Dimensions/weight

WxHxD	194x264x76mm – 7.8"x10.4"x3"
Front frame	220x290mm – 8.7"x11.4"
Weight	2,1kg – 4.6lb

SW versions

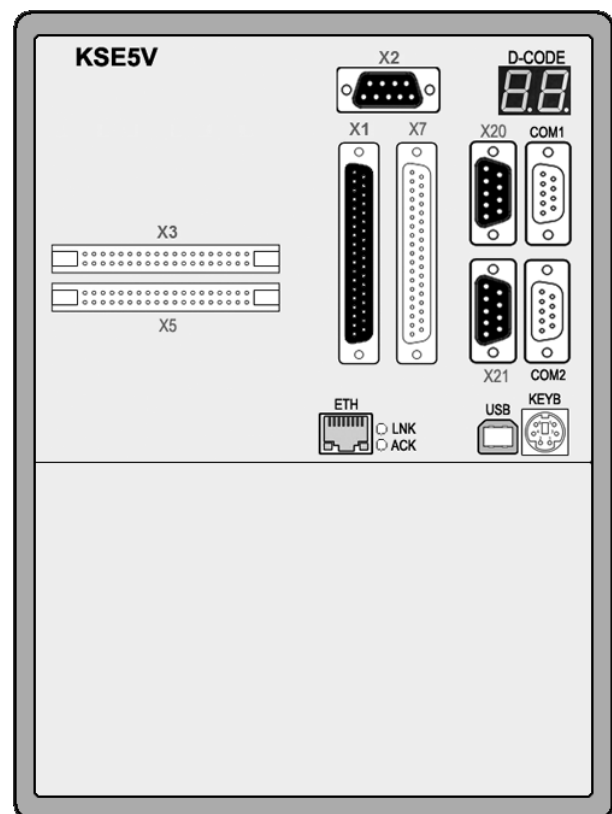
KSE5V-AVR: Press roll feed with electronic cams.

KSE5V-EPT-XYB: Portable push/pull expander.

KSE5V-ISO: ISO control for 5-axis / 4-axis + spindle.

KSE5V-PR: Press with electronic cams.

KSE5V-SFZ: Winding coiler with pull preset.



AVR / EPT-XYB / ISO / PR / SFZ

Uses

- Open-loop/Closed-loop control
- Press feed
- Electric shafts + Synced shafts
- Rotary and linear cutter
- Flying shear
- G-code program
- Cutting + punching line

- Pipe bender
- Special applications.

Notes

Free AWL SDK.

