

OPENconsole - Operator Panel



OPENconsole

OPENconsole is a modular 19" High End operator panel, for Numerical Control working centres. Ergonomic and highly modular, it combines modern design with ease of use.

OPENconsole has been designed to meet many different application requirements. Its modules can be combined in order to create a **customized interface** suitable for several machining types and for numerical control machines.

OPENconsole module

- 17" Industrial Monitor with Touch Screen
- 19" Industrial monitor with Touch Screen
- Main control panel
- Control panel extension, customizable
- Keyboard with touch-pad
- Keyboard with track-ball
- Connecting element with USB port

Display module

The display is an industrial LED monitor available in 17" and 19" formats, with 1208x1024 resolution and resistive Touch Screen option. The module can be connected to the CNC or to the PC through the DVI or VGA interface.

When used separately, this module can be completed with a junction element defining the look and also providing the USB port for connecting external devices. A USB extender to reach long distances is integrated.

OEM control panel module

The OEM panel contains the operator controls for the CNC and it is released in a high-end version meant for applications in which the machine tool is intended to work in AUTOMATIC and MANUAL mode.

The controls available on OEM control panel are:

- Emergency STOP
- Drives ON/OFF
- CNC power ON/OFF
- Cycle start/Cycle stop/Reset
- JOG+/JOG-
- AUTOMATIC/MANUAL mode selector with lock key
- Feed rate override

OEM secondary control panel module

The Secondary Control Panel module allows the addition of up to 7 custom controls for specific functions.

Keyboard module

This module contains both a standard 101 keys keyboard and a pointing device ergonomically positioned. The pointing device can be either a touch-pad or track-ball, according to the required application or preference.



Technical Data

OPERATOR PANEL	
Monitor	
Size	17" o 19"
Resolution (pixels)	1280 x 1024
Connection	VGA / DVI
Display ratio	4/3
Touch Screen	Resistive
Control panel	
Emergency Stop	YES
Drives ON/OFF	YES
CNC power ON/OFF	YES
Cycle start	YES
Cycle Stop (Hold)	YES
Reset	YES
JOG + / JOG -	YES
Mode selector	Automatic, Manual
Mode Lock key	YES
Override controls	Feed Rate (customizable)
OEM Custom keys	On additional module
Connections	EtherCAT
KEYBOARD	
Layout	US 101 Keys
Pointing device	Touch-pad / Track-ball
Power Supply	USB
Type	Silicon keyboard
Operating Temperature	0°C to +50°C
Humidity	10% to 90% no condensation

