

Operator Panels

All the *OPENcontrol* family CNC can be combined with different OSAI operator interfaces, from the simple Touch Screen monitor for General Motion Control applications up to *OPENconsole*, a modular High End operator panel for Numerical Control working centres.



OPENconsole

OPENconsole

OPENconsole is a 19-inch rack size operator panel. 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

OPENconsole COMPACT

When a single panel is required, including all the commands necessary for machine tool control, but still customizable, *OPENconsole COMPACT* is the perfect solution that optimizes performances, dimensions and price without sacrificing design and ease of use.

It includes in only one module all the features needed for a perfect CNC management and allows graphical and functional customizations:

- Customizable panel for operating mode selection,
- Customizable Control Panel extension
- 2 rotary selectors
- Keyboard with touch-pad
- Emergency push-button
- 2 Customizable electro mechanic push-buttons
- 1 USB port





Technical Data

	OPENconsole Monitor module	OPENconsole COMPACT Monitor
Size	17" or 19"	15"
Resolution (pixels)	1280 x 1024	1024 x 768
Connection	VGA / DVI	
Display ratio	4/3	
Touch Screen	Resistive	

	OPENconsole Control Panel module	OPENconsole COMPACT Control Panel
Emergency Stop	YES	option
Drives ON/OFF	YES	(custom push-button option available)
CNC power ON/OFF	YES	(custom push-button option available)
Cycle start	YES	
Cycle Stop (Hold)	YES	
Reset	YES	
JOG + / JOG -	YES	-
Mode selector	Auto, Manual	MDI, Auto, Block by block, Jog, Incremental Jog, Homing, Return on profile, Handwheel (all customizable, as OEM keys)
Mode Lock key	YES	-
Override controls	Feed Rate (customizable)	Feed Rate (customizable) Spindle Speed Rate (customizable)
OEM Custom keys	On additional module	6 free keys + 8 (mode selector keys)
Connection	EtherCAT	EtherCAT CANopen

	OPENconsole Keyboard module	OPENconsole COMPACT Keyboard
Layout	US 101 Keys	US 87 keys
Pointing device	Touch-pad / Track-ball	Touch-pad
Type	Silicon keyboard	Bubble keys with metal dome