

Typical Configuration for BRIDGE MILLING

The central unit for the standard configuration of Lathe is **CNC 2001E** (UN2012PE20) with

- mass memory as hard disc (**OPHDUEH00**)
- operating system Windows 2000 (**OPOSWIN2000**).

The central unit offers the standard interfaces for common devices of industrial PC (Video, Keyboard – mouse , 2 USB V2.0, 2 serial ports 232, port Ethernet 10-100 Mb/s), and the LVDS interface in order to connect a TFT display.

Model E (Central Unit)



UN2012PE20

HEIGHT	215,0 mm
WIDTH	440,0 mm
DEPTH	180,0 mm

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The axes interface is analogical (**OPANALOG01** + **OPEXTANA01**) and it allows to control up to 6 axes. It is foreseen the controlling of two (2) axes in Gantry mode.



The operator interface for standard configuration includes a display with TFT 15" resol. XGA, VGA interface, Touch Screen function and it is equipped with HUB with 6 USB ports. (**OPMMIVGA1**).

The operator interface can be remotely placed up to maximum distance of 5 mt respect to central unit (or up to 40 mt. by means of transmitter that must be added).

OPMMIVGA1

HEIGHT	288,0 mm
WIDTH	482,0 mm
DEPTH	60,0 mm

The input and output signals are on CANopen interface.:

- Outputs terminal board (**OPBASOCANO**):
 - Number 32 digital outputs with neat relé, range 110Vac – 1A / 30 Vdc – 5A,
 - Number 1 analogical output (-10 ... +10 V, resol. 12 bit).
- Inputs terminal board (**OPBASICANO**):
 - Number 48 digital inputs opto-isolated type PNP,
 - Number 3 analogical inputs (0...+10 V, resol. 10 bit).

The terminal boards can be housed on DIN guide, they are equipped with LEDs in order to signalize the state of signals. The connecting cable must be in accord to desina specifics.

More details, about base items of this solution, are available on data sheets of each element, available on Base Product section, or on ISAC general Catalogue