TECHNICAL DATA SHEET

CNC905



Key features

- **Retrace mode** - to reposition the cutting head
- **Automatic zoom/shift** of real-time graphics
- **TWA (Automatic RTCP)** automatic head tilt calculation
- **Graphic search** - to determine the starting cutting point directly from the graphics
- **DRF mode** – real-time translation of the part-program origin
- **Technological database** - for the management of cutting parameters according to materials, cutting quality and technology
- **Surface mapping** – performs a preventive measurement cycle of the surface to cut
- **Machine management with multiple**
- **technologies** in different combinations: plasma+oxyfuel, waterjet+plasma
- **Double gantry machine management** (2 CNCs communicating with each other)
- **Generator management integrated** with various fieldbuses: serial, EtherCAT,Ethernet, etc.
- **Automatic workpiece** alignment
- **Laser pointers management** for zeroing origins, also available on machines with double carriage
- **RTCP self-calibration cycles** - by means of automatic kinematic measurement cycles (head rotation centers).

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Technical data

	CNC905
Monitor (Inches)	15”
Aspect ratio	4:3
Width [mm]	400
Height [mm]	310
Hard Disk (standard/optional) [GB]	32/128
Max number of axes/spindles	32
INTERPOLATION AND CONTROL	
Control loop cycle time [us]	250
Look ahead blocks	300
Jerk Control	X
G69 Polynomial Interpolation	X
Speed loop control	X
Speed loop control	X
Number of tools / turning plates	1000