TECHNICAL DATA SHEET

CNC901



Key features

- **RTCP (TWT e TRB):** up to 7-axis machining
- **RTCP Auto Calibration** - by means of automatic cycles for kinematics measurement
- **HSC (high speed cutting)**– for standard dynamics management, or through FVS smoothing, or using polynomial curves (G69 mode)
- **Real-Time Graphic (RTG)** – for 3D visualization of the toolpath in wire-frame mode
- **Graphic simulation** – to verify the result of the programming
- **Graphic search** - to determine the starting point of the machining directly from the graphics
- **Four programming languages:**
- **ISO** (DIN 66024), (DIN 66024), a standard for programming of 2D profiles characterized by defined entities
- **GAP**, based on non-oriented geometry, allows to define profiles also characterized by geometric elements that are not fully defined
- **EXPERT**, based on oriented geometry and a extremely simple and intuitive syntax
- **LIP**, allows the creation of parametric programs (macros) that can be recalled

ECS S.r.l. · Via di Pratignone 15/5 · 50019 Sesto Fiorentino (FI) · Italia
Tel. +39 055 881441 · info@ecs.it · www.ecs.it

Technical data

	CNC901
Monitor (Inches)	15”
Aspect ratio	4:3
Width [mm]	400
Height [mm]	310
Touch screen	X
Hard Disk (standard/optional) [GB]	32/128
MAX NUMBER OF AXES/SPINDLES	
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