CNC905

CNC905

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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CNC905

	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

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