EMSIS PlasmaCut

SOLUZIONI PER L'AUTOMAZIONE INDUSTRIALE

PlasmaCut is a powerful software package for the control of thermal cutting machines, developed on D.Electron CNC Z32 FlorenZ hardware and Windows.

Combined to the last generation of high-definition plasma sources, PlasmaCut, can control different accessories, such as:
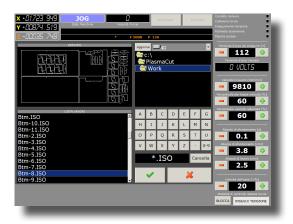

• Mono/multi driller	• Double Torch
• Beveling 3D	• Tube-cut
• Oxycut	• Automatic Gas Console

PlasmaCut can also be customised with logos and functions, in order to satisfy any company's requirements.

SPECIFICATIONS

Easy to use

• Simple, compact and extremely user-friendly interface oriented towards the use of touch screen monitors

• Possibility to change the zoom from full working table to the smallest details of each track

• Possibility to choose the starting track simply selecting it by a double click or typing its number directly

• Automatic preview of works during the "Select Work" phase

• Up to 12 origins for getting the zero plate with the possibility to modify the angle (manually or automatically) when certain sheets are not perfectly aligned to the working table

Control Height

• Integrated torch control height (it can be enabled or disabled by the operator) to guarantee always a very good cutting quality

Parameters

• Integrated default cutting parameters for most common plasma sources: after selection of work to execute, it only needs to select type of material, thickness and technology

• Possibility to change all cutting parameters, even during a work execution

• Possibility to correct any eventual mechanical misalignment problem directly via software

Execution/Simulation

• Possibility to simulate loaded work for any eventual verification

• Powerful control of restart work in case of accidental plate contact with automatic calculation of a new lead-in on the plate scrap

• Full compatibility with most common CAD/CAM such as Lantek, Alma, SigmaNEST, SI, Taglio, CutExpert and more

• Possibility to execute plate trimming by drawing the path in an extremely simple and fast way