

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:

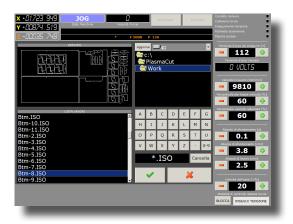


| • Mono/multi driller | • Double Torch |
|----------------------|------------------------------|
| • Beveling 3D | Tube-cut |
| • Øxycut | • Automatic Gas Console |

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



| <u>+01723.949</u> +00874.519 | JOG Stato Macchina | Velocită Torcia | Riferimenti | Strument | Contatto lamiera Collisione torcia Inseguimento tensione |
|--|------------------------|----------------------------------|---|---------------------------------------|--|
| -00035.748 | | * F 5000 | P 126 | | Richiesta accersione |
| RIFERIMENTO QUOTA X | QUOTA Y ANGOLO | 7 | 8 9 | 4 | Tensione d'arco da inseguire [V] |
| 1 1466.6 | 1000.7 0.0 | 4 | 5 6 | l | Tensione d'arco rilevata |
| 2 200.0 | 200.0 0.0 | 1 | 2 3 | \checkmark | Velocită in lavoro (mm/min) |
| 3 100.0 4 41.0 | 586.2 0.0 15.0 0.0 | 0 | , +/- | X | 3045 |
| 5 100.0 | 100.0 0.0 | 9 | ? | <u>_</u> | Percentuale velocità rallentata [%] |
| 6 100.0 7 100.0 | 100.0 0.0 100.0 0.0 | Associa le quot riferimento e | e correnti al Muov selezionato riferin | i la macchina al tento selezionato | Ritardo di sfordamento (s) |
| s 100.0 | 100.0 0.0 | | | | Atezza di sfondamento (mm) |
| 9 100.0 10 100.0 | 100.0 0.0 100.0 0.0 | | | | Altezza di lavoro [mm] |
| 11 1300.0 | 1000.0 0.0 | | | | - 2.0 🔶 |
| 12 100.0 | 100.0 0.0 | | ~ | * | Velocità dell'asse Z [%] |





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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

