



## PLASMA RED - PLASMA CUTTING

The real plasma solution “plug and play”, Plasma RED has been designed to perform at its best capability with the most common plasma supply present in the market.

Designed for cutting ferrous, steel and aluminum materials, for thin to medium thicknesses and for plate sizes up to 2,5 m width and 12 m length, plasma RED is employed in steel fabrication and in the HVAC manufacturing field.

The CNC control with the operator interface SHMI - (Soitaab Human Machine Interface), specifically developed for the RED model, allows users to fully exploit the high potential of the machine from the very beginning. The accuracy of positioning is provided by means of the beam structure, the dual brushless drives on longitudinal axis with gantry control, linear guide ways and racks and pinions coupling together to the cutting table completely separated from the machine structure frame.

Particular attention has been dedicated to the protection of all the guideways and the completion with the safety regulations making the Plasma Red the safest solution ever.

## HIGH DEFINITION GENERATORS: HPR 130 XD - HPR 260 XD





## TECHNICAL FEATURES

- Transverse Beam entirely made of welded aluminum structure
- Vertical Z axis motorized and controlled in position by the CNC
- Torch breakaway anticollision device
- Initial positioning via Ohmic sensor or mechanical ( plate rider) depending on the thickness and the application
- Stand alone Cutting table divided in sections and fume extraction in 2 internal channels
- Automatic fume extraction by means of dumpers activated by the machine position itself
- Working table cleaning system with extractable drawers from the lateral side
- H.M.I - Soitaab Human Machine Interface ( touch screen ) for n intuitive, user friendly and self learning CNC control operations

Working Area	From m 1.5 x 3 to m 2 x 6
Carriage Stroke Z Axis (Vertical)	100mm
Motors (x, y, z)	Brushless
Driver (x, y, z)	Digital
Positioning Speed	40m/min
Repeatability	+ - 0.05mm/m
CNC	Soitaab CNC
Monitor	15" Touch Panel Screen
Data Communication	USB – Ethernet – LAN
Cutting Technologies	Plasma

To place an order, please contact Magma North America Inc. at +1 780 761 2525 or [sales@magmanorthamerica.com](mailto:sales@magmanorthamerica.com)

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