Plasma Cutting System

Plasma-Jet AirPro

Low-cost plasma cutter alternative with Hypertherm technology

See this machine in action on YouTube ▶

- Compact design with guides integrated into the table frame
- Plasma cutting system for personal use providing high value at a lost cost
- Careful selection of the optimum components ensures that the same cutting functionality is available as in large plasma cutting systems
- Machine can be moved and transported in its fully assembled state
- The drives on both sides of the machine bridge and the drive of the X-slide along the machine bridge are carried out in a permanently precise manner by helical rack and pinion.

- The machine has a segment-wise suction of the working surface, whereby the respective suction flap is opened mechanically by the machine bridge passing.
- The distance between plasma cutting nozzle and plate surface is maintained by the Z axis height control; height control is regulated by an electric arc
- Plasma cutter head with collision guard

In plasma cutting, the electric arc between electrode and workpiece is constricted by a cutting nozzle so that a plasma beam of high energy density is generated as an effective cutting tool for metals.

Standard Equipment Hypertherm®

Table is prepared for filter system (mechan. closure control), Panasonic servo-motors and drives, Automatic torch height control with Hypertherm THC sensor, Cutter torch with magnetic coupling and crash sensor, Hypertherm Edge Connect CNC Unit, 19" touchscreen, Ethercat-E, Laser pointer, Libellula Wizard PRO, Libellula.CAD 2D

New software feature, improved hardware, and integrated Hypertherm® cutting technology

Options

	Part No.
• Powermax 105 plasma source	253405

For additional options for this machine, visit our website

Specifications AirPro

		1530 H
Working Area		
Cutting Width	in	61
Cutting length	in	120
Table height	in	24
Table load capacity	lbs/ft²	71
Rapid feed	in/min	591
Weight (without plasma source)	lbs	3,740
Plasma source		Hypertherm
Part No.		144010