

Profi-Line Plasma

CNC Plasma Cutting

Plasma cutting machine CNC CUT Gentry X1

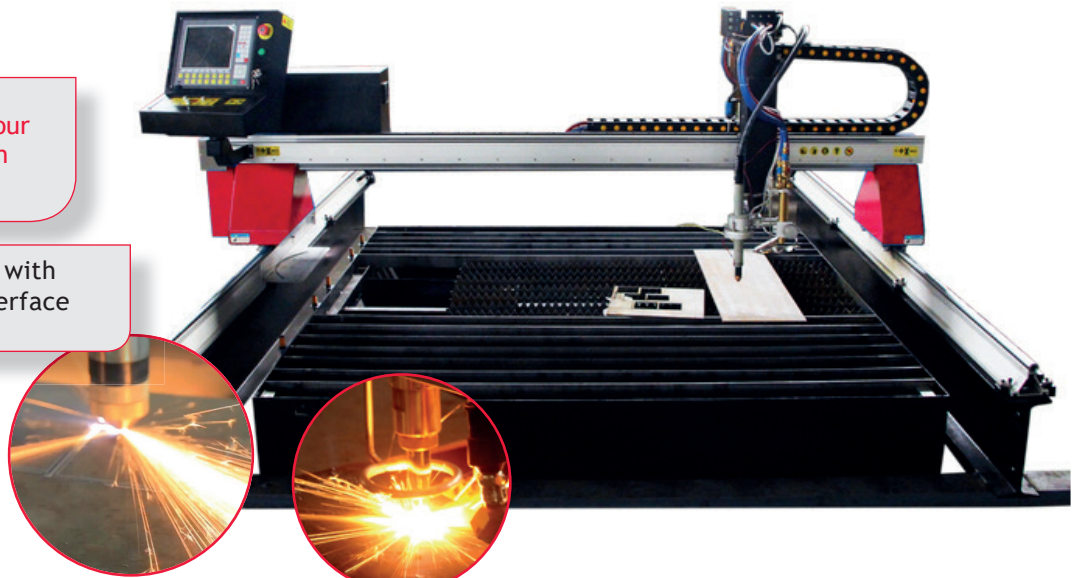
A powerful upgrade for gantry plasma cutter! Replace the aluminum beam with a stronger and stable steel. A new type of triangular structure aluminum bar has been added with a patent. The bar is fastened to the square steel while ensuring track accuracy and beam strength. Greatly increase the cutting stability, thus improving the cutting quality. Equipped with flame and plasma cutting torch, which mode you need, just use it instantly, high efficiency. Capacitive THC and ARC voltage THC mix structure, with water cooling system, because of this, can cut 0.3 mm thin plate and 30mm thick plate both.

Features

- A simple, menu-driven interface is easy to learn and operate.
- Built-in library of common shapes
- File transfer storage is convenient and flexible: Support USB port for program loading.
- G code dynamic simulation processing function
- Kerf compensation
- Complex curve fitting function
- Support multi-format file import and export

Create your template on your PC and just transfer it to an USB-stick...

Control with USB interface



Plasma-Mode

Flame-Mode

Model	CNC CUT Gentry X1
Supply voltage	230 V, AC/110V AC, 50/60 Hz
Drive	750W x 2, 400W x 1, AC Panasonic Servosystem, Dual drive
Cutting mode	Oxyfuel and plasma
Cutting speed	Oxyfuel: 0 - 1.000mm/min, Plasma: 0 - 10.000mm/min
Running speed	0 - 10.000 mm /min.
Effective cutting range	3.000 x 3.000 mm
Height control	THC
Cutting tolerance	≤ 0,5 mm
Positioning accuracy	± 0.3mm
Repeat positioning accuracy	± 0.3mm
Cutting thickness	Plasma: Due to the power source
Weight	650 kg
Maschine size (LxWxH) mm	3800x1220x1250
Item no.	02.02.55.04020

Cutting Mode

The standard package has one plasma torch and one oxyfuel torch with the motorized driven. The automatic ignition feature is optional, the capacitive or the arc voltage THC is optional, to help the customer to realize automatic oxy-fuel and plasma cutting.

If you want to further improve the efficiency of flame cutting, we can add another oxygen torch with independent height controller.

Optional:

- Software: Libellula® Wizard 3 Nesting software for PC

Optional:

- upgrade X-axis and Y-axis expandable per meter

All CNC plasma systems are supplied without oxyfuel equipment!