

FIRECUT EXCEL

FIRECUT Excel, a large-format industrial CNC plasma cutting system designed for heavy-duty, high-output fabrication.. It supports advanced cutting processes and large sheet processing for demanding production.



HEAVY DUTY INDUSTRIAL CNC Plasma Cutting

Heavy-duty large-format CNC plasma Table
for industrial-scale fabrication

Hypertherm Edge Connect CNC
for advanced multi-process control

ProNest LT nesting optimisation
large-sheet material efficiency and automation.

EtherCAT-based motion architecture
for synchronised motion across extended travel

1.5 kW Panasonic EtherCAT servo
drives for high torque, sustained heavy-load

Hiwin linear rails and precision bearings
heavy-duty carriages for accurate motion

Rack and pinion drive system
engineered for long-bed precision and stability

Extended traverse speeds up to 35,000 mm/min
for high-throughput large-scale production

Table Sizes

- 4000 x 2000 mm
- 6000 x 3000 mm
- 6000 x 2000 mm
- 8000 x 3000 mm
- 8000 x 2000 mm
- 12000 x 3000 mm
- 12000 x 2000 mm
- 15000 x 3000 mm

Plasma options

- MaxPro 200
- XPR 170
- XPR 300
- XPR 460

Options

- Sideros Fume extraction or Water Table
- Pneumatic needle marker
- Oxy-fuel torch
- 5 Axis bevel head
- Pipe cutting system

www.firecut.co.uk

HYPERTHERM
A Hypertherm Associates Brand

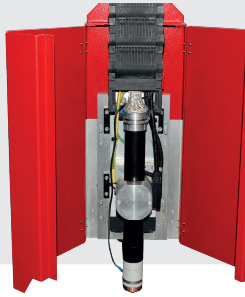
Operator Control Panel

Purpose-built control panel with 19" TFT capacitive touch interface, powered by Hypertherm Edge Connect. Easy, intuitive, Ethernet-enabled for remote updates.



Height Control

Heavy-duty sensor THC powered by Ethercat motor. Fitted with magnetic breakaway for torch collision damage protection and laser pointer for easy plate alignment.



Hypertherm Powermax & XPR range

Hypertherm MAXPRO200 and XPR plasma systems deliver industry-leading cutting performance, from the high-performance MAXPRO200 through to the high-definition XPR170, XPR300 and XPR460 range. With advanced arc control, exceptional cut quality, and proven reliability, they maximise productivity while reducing operating costs.



Drive & Motion System

EtherCAT servos & drives, linear rails and precision helical gearboxes on X/Y axes for backlash-free, smooth motion.



Optional fume extraction

Enhance your setup with Sideros fume extraction, delivering filtration down to $<1 \text{ mg/m}^3$ while effectively capturing welding, cutting, and grinding fumes.



Floating Bridge

Self-aligning gantry reduces stress, improves accuracy and cut consistency



2 year warranty on all Firecut tables

SCAN ME



*To learn more
about the
FIRECUT Excel.*

