

HG Hugong FlashCut CNC Plasma Machine (6077)

Standard Features:

Steel structure table body with water bed.
Dual driving system on Y with 2 x Panasonic Servo motors, track, pinion and gear system with HIWIN linear guideways.
Separate driving system on X with 1 Panasonic Servo motor, track, pinion and gear system with Hiwin linear guideways.
Z axis is driven by AC motor
Automatic torch height controller on Z axis.
Magnetic break away torch mount.
High speed and precision.
Safety hard limits on X, Y and Z axis.
Quick connector between table and control cabinet.

CNC Control Features:

Safety alarm for soft and hard limits
USB port for importing and exporting files
DXF and DWG importing with FastCAM
F2300AT 10" color display with recovery, memory, shape library, kerf compensation, off-shore setting etc.

FastCAM Nesting Software Features:

Plasma cutting process functionality.
Multiple language options: Chinese, English, German, French, Spanish, Russian etc.
Read and edit functionality for DXF/DWG drawings.
Other functionalities: Kerf compensation, Plasma bridge, Common line cutting, Corners, CAD layers, Word label etc.
Nesting workflow: Import DXF ((AutoCAD, Autodesk, Solidworks, Tekla etc) in FastCAM. nest and export to TXT. Use USB port on HG616T to import TXT.
Provides FastCAM drawing, FastNEST auto Nesting, FastPATH auto pathing and FastPLOT verification which transfers NC codes between drawings automatically

CNC FLASHCUT



Plasma Power Source

Optional - Plasma Source:
Hypertherm Powermax 45 XP
Hypertherm Powermax 65
Hypertherm Powermax 85
Hypertherm Powermax 105
Hypertherm Powermax 125
Hypertherm MaxPro 200
Hugong PlasMax 120



Power supply:	220V/380V, 50HZ
Input capacity:	350W
CNC Control:	F2300AT 10" color display
Effective cutting width:	1500mm
Effective cutting length:	3000mm
Installation space:	3000 x 5000mm
Plasma options:	Up to 200A
Nesting software:	Includes FastCAM (Optional: Libellula, Hypertherm)
Max Positioning Speed:	12000 mm/min, servo motors

Work-flow process

