

HG Hugong Intecut-3 CNC Plasma (5485)

Compact precision linear guide rail with cantilever arm.
Special torch holder designed for quick changeover from flame to plasma cutting.
Flame torch gas hoses protected by metal housing.
3 x Solenoid valves for easy flame fire adjustment from CNC Control.
Automatic torch height controller on Z axis.
X and Y axis driven by stepper motors.

CNC Control Features:

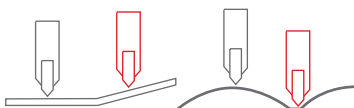
HG616T 10" color display with recovery, memory, shape library,
kerf compensation, off-shore setting etc.
Safety alarm for soft and hard limits
USB port for importing and exporting files
DXF and DWG importing with FastCAM

FastCAM Nesting Software Features:

Flame and plasma cutting process functionality.
Multiple language options: Chinese, English, German, French, Spanish, Russian etc.
Provides FastCAM drawing, FastNEST auto Nesting, FastPATH auto pathing and FastPLOT verification which transfers NC codes between drawings automatically
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.



Automatic THC
(Torch Height Control)



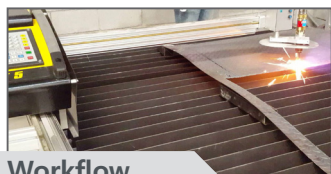
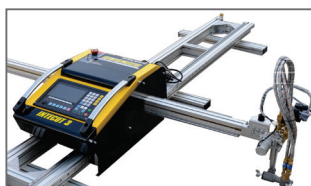
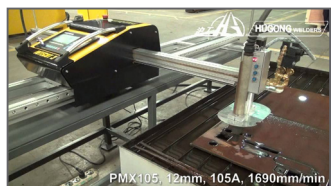
Effective cutting area:	1500 x 3000 (Dry cutting table included)
Control:	HG612
Nesting software:	FastCAM
Frequency:	50/60 Hz
Input Power:	180 W 220V
Monitor:	7" LCD with keyboard
Effective Cutting Size:	1500 mm x 3400 mm
Max Positioning Speed:	6000 mm/min
Best Positioning Speed:	3000 mm/min
Max flame cutting thickness:	80 mm
Flame Cutting Speed:	6 - 750 mm/min
Transverse Arm:	2300 mm
Rail Length:	4000 mm
Total Weight:	160 Kg (without cutting table)
Cutting Model:	Plasma/Flame
Cutting Gas:	Acetylene, Propane, Methane, LPG

Plasma Power Source



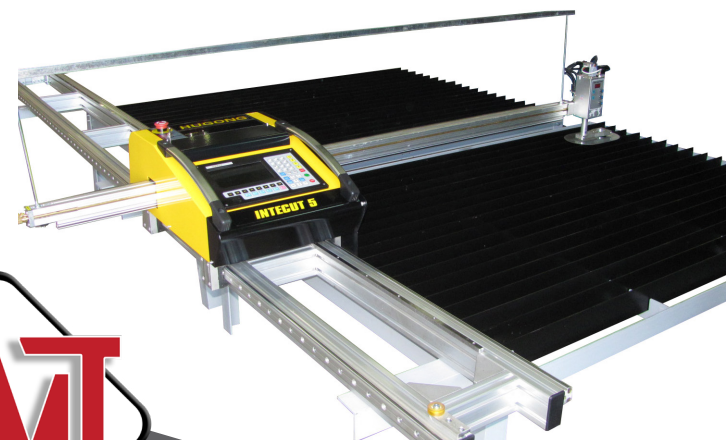
Hypertherm Powermax Plasma Unit

45xp (220V 12mm), 65 (12mm), 85 (16mm), 105 (22mm)



CNC PLASMA

Intecut 3



Workflow

