HG Hugong Econocut 3500 CNC Plasma Machine (6534)

High accuracy fabricated gantry for high speed and precision
Full welding structure for durability and stability
Automatic torch height controllers for plasma torch and flame torch
Magnetic break away mount for plasma torch
Dust removing with waterbed or extraction table
(waterbed not included, drawings will be provided)
CNC control built-on gantry with chair
Y axis dual driving system with 2 x Panasonic servo motors (Analog type)
X axis driving system with Panasonic servo motor (Analog type)
X and Y: with track & pinion and HIWIN linear rails
Z axis driven by AC motor
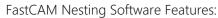Auto ignition device and flash arrestor on flame torch
Cable chain protection on X and on Y axis
Safety hard limitis on X, Y and Z axis
Auto lubrication

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FastCAM Nesting Software Features:
Flame and plasma cutting process functionality.
Multiple language options: Chinese, English, German, Franch, 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, Autdesk, Solidworks, Tekla etc) in FastCAM. nest and export to TXT.Use USB port on HG616T to import TXT.

CNC Control Features:
HG613T 17" 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

Econocut 3500 Specifications

Length	8000mm
Width	3500mm
Effective cutting width	2900mm
Effective cutting length	6500mm
Rail length	8000mm
CNC Plasma torch	1pcs
CNC Flame torch	1pcs
Flame cutting thickness	6-150mm
Flame cutting speed	50-750mm/min
Moving speed	12000mm/min
Flame cutting gas	Acetylene, Propane, LPG
Nesting Software	Includes FastCAM
CNC Control	17" HG613T Colour Display
Plasma power source	Hypertherm Powermax: 45,65,85,105,125 & MaxPro200

Workflow

AUTODESK AutoCAD
SolidWorks Tekla
Hypertherm HyPerformance Plasma
Libellula
FastCAM

THMT

Excludes H-beam and cutting table.
Drawings will be provided. Customer must prepare
base foundation, H-beam, compressed air and air filter.