

CNC PROFILE & STRAIGHT LINE CUTTING MACHINE



CNC PLASMA Profile Cutting Machine

- ☐ High Performance and efficiency to meet wide range
- ☐ Effective cutting widths: 2.0M, 2.5M, 3.0M
- ☐ Servo Motor Driven
- ☐ Precision machined steel rails for longitudinal axis
- ☐ Extendable cutting length
- ☐ Auto Torch Height Controller with Collision Sensor
- ☐ Nesting Software

Salient Features:



- Windows operation system
- IPC (Industrial computer) processor core
- Supports CAD, DXF file transformation.
- Perfect process for plasma/oxy-fuel cutting/ plasma mark
- Kerf, gas compensation function;
- User friendly operation interface; editable graphics library;
- The breakpoint memory function: supports sudden pause process memory, alarm & power off memory.

CPU: Intel(R) Atom(TM) CPU N270 @ 1.60GHz, Lower Power Consumption Design / **OS:** Windows
Display Screen: 10.7" LCD Screen.
EMS Memory & Hard Disk: 256M EMS Memory, 4G No motor drive DOM Memory with high ability
Interfaces: USB2.0, RS232, PS/2, 10/100Mbps network interface
Keyboard: Standard Industrial Keyboard
Chassis: Mask off with pure steel, electromagnetic radiation-proof, rejection of heat, anti-interference, preventing static electricity.



Plasma Torch lifter /
Auto Torch Height controller

- The body has a Gantry structure with Servo drive system
- Planetary gear box Rack and Pinion drive on X & Y axis with cross axis "Y" with LM guide & Long axis "X" with machined rail.
- Highly accurate, smooth operation on precision machined steel rails and a stable longitudinal drive mechanism.

AIR PLASMA Cutting Machine

Plasma Source	Cutmaster A120
Output Range	30 – 120Amps. Adjustable
Production Pierce & Cutting capacity	15mm
Pierce Cap. (Max.)	20mm
Edge Cut (Max.)	40mm
Duty cycle At 40°C	70Amps.@ 80% 100Amps. @ 100%
kW Output	15.4
Input Supply	400AC, 3Ph., 50 Hz.
Gas Type	Air @5.2 bar at 189lpm.
Warranty	3 years on Power Source / 1 year on Torch

SL100®SV Automation Torch



- Valve In Torch Design
- Patented 1 Torch Consumable
- ATC Quick Disconnect

The Cutmaster A Series advantages:

- Proven **1Torch®** Technology for low consumable cost
- Integrated CNC Interface with “Start/Stop”, “OK to MOVE” and Divided Arc Voltage
- Dedicated automation software for improved cycle time and performance.

NextGen Plasma Pvt. Ltd.

2A, C. I. T. Scheme No.: XXXV, Kolkata – 700017, INDIA.

Tel.: +91 33 64560082 / Fax.: +91 33 22276582

email: sales@nextgenplasma.com / website: www.nextgenplasma.com



ISO 9001:2008