

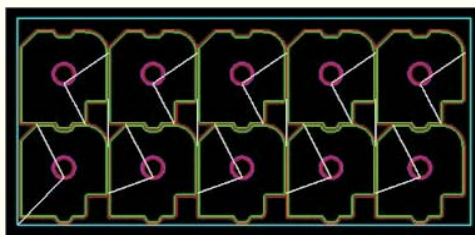
ISO - 9001  
certified



**AutoKut-1500**



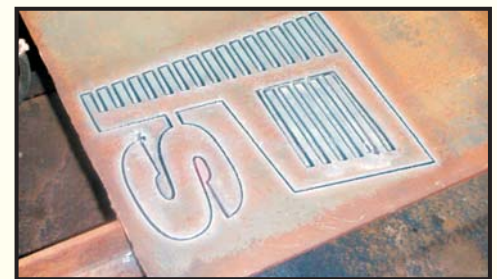
Auto Torch Height  
Controller



Nested Parts



Controller  
Screen



Finished Cut

## CNC Profile Cutting Machine

- ⦿ Can be used with Oxy Fuel as well as with Plasma.
- ⦿ Can cut any shape within 1500mm x 3000mm.
- ⦿ Cuts any shape up to 200 mm thickness.
- ⦿ Comes with SEC's unique Surge Proof Controller and Drive System.
- ⦿ Heavy Duty Linear Bearings with Ground Rail Track .
- ⦿ Advance True Shape Dynamic and Interactive Nesting.
- ⦿ Easily imports DXF and DWG files.
- ⦿ Automatic Kerf compensation.
- ⦿ Well designed and Proven Gas Control System.
- ⦿ With 15 Months Warranty.

[www.secmachines.com](http://www.secmachines.com)

## Features

**AutoKut** from SEC is gantry type robust CNC profile cutting machine. It has a rugged gantry design for optimum performance in a wide range of processes including OxyFuel as well as for Plasma Cutting. SEC provides choice and options that allow you to configure a gantry system with capacity and options you need for your applications. It combines powerful performance with multiple torch carriage flexibility to deliver high productivity of ultra accurate shapes such as circles, rectangles, stars, hexagons or any shape your creativity can conquer.

**AutoKut's** uses the best and most reliable "SEC" controller and drive system. It comes with state-of-the-art anti surge function. The drives are fitted with DC super Stepper motors with zero backlash drives. The longitudinal drives through a precision rack and pinion. For the transverse drive, the Master Torch Station is also through rack and pinion. The cut quality and accuracy are dependent on smooth precise motion control on both the axes. You get the best when you choose SEC,s **AutoKut** CNC Machine.

**AutoKut** has Heavy duty precision machined manganese rail track supplied for long life and vibration free very precision motion movement.

The **Gas Control System** is designed for efficient and safe gas control. The gas panel is mounted on the machine for easy operation. Hi-Lo preheat control is provided as standard. Cutting Oxygen vent-off valve is provided for safety.

### Torch Stations

Manual cum Motorized torch stations are available as optional. Auto Ignition, Auto Height sensing, Plate marking are other optional features. Choice of injector type and nozzle mixing type cutters are available to use with standard and high-speed nozzles.

### Plasma cutting possible

The machine is plasma ready. Various plasma equipment options are available for individual needs. The machine can also be supplied with Arc Voltage Height Controller.



## Specifications

Effective Cutting Capacity :	1500mm x 3000mm	Cutting surface shape :	Square Cutting ( I-shape )
Effective Cutting thickness:	5~200mm	Drive Mechanism :	Rack and Pinion
Reproduction Accuracy :	As per Din Standards	Power X axis :	Dual drive Stepper Motor.
Units of Measure :	Inch or Metric.	Power Y axis :	Single drive Stepper Motor..
Power Input :	220/240VAC - 50Hzs.	Speed Range :	70mm/min to 6000mm/min.
Torch Type :	Nozzle Mix	Positioning Speed :	8000 mm/min
Number torches :	1 - Oxy/Fuel.	Track Height :	500 mm
Fuel Alternatives :	Acetylene/LPG	Cutting Table Height :	800 mm
		Machine Dimensions :	2200mm x 3700mm