

SteelTailor™ SMART III

Portable CNC Cutting Machines

F4
Friendly 4



ISO9001:2008

ISO14000

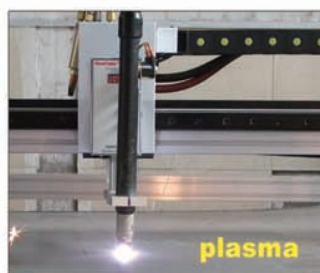


SMART III

Portable, Affordable and Powerful!

Technical Advantages

Adaptable for both **plasma cutting** and **flame cutting**.



plasma



flame

With one set of allen keys and **24 screws**, assembly done within **1 hour**.

1 Hour Installation



- Dual-side precision sliders system mounted on both sides of the crossbeam; increasing the machine stability by reducing machine vibration.
- Build with SteelTailor guaranteed components and parts which are practical and easy to assemble.
- Integrated design allows easy installation.

SteelTailor™ Smart III Portable CNC Cutting Machines

Plasma cutting or flame cutting, Smart III can perform beyond your expectations. Smart III is the 3rd product in the Steeltailor Smart portable table cutting machine series.

Smart III combines the portability feature of Smart I and the stability of Smart II. The use of SteelTailor standard components has reduced the installation time.

You just need one set of Allen keys and 24 screws to assemble a Smart III anytime and anywhere. SMART III is equipped with industrial controller, which supports cutting software like IBE/Fast CAM/MTC.

Smart III is compatible with most of the world brands plasma power sources. Small and medium size plasma machines with inverter technology or high frequency, are all compatible, like Hypertherm, Kjellberg, Victor, ESAB, etc.

Smart III has 0.2mm repeatability, which guarantees the cutting size consistency. Smart III can fulfill the global industries requirements of metal processing workshops, smith crafts, metal framework manufacturers, and DIY customers. The final cut product just needs simply cleaning of slag. No need for any rework.



Special thanks for Kjellberg providing this picture.

SteelTailor SMART series generalities

- F4 Concept:
Friendly in Transportation; Friendly in Installation.
Friendly in Operation; Friendly in Maintenance.
- 1500mm*3000mm cutting area and table structure gives more precision.
- Dual drive system, that can handle more weight.
- Table structural design, combines stability and portability.
- High-precision dual shaft linear guide.
- Graphical controller, compatible with CAM software's.

Technical Parameters

Type	SMART III
Input voltage	110/220 V
Input Frequency	60/50 Hz
Input power	200 W
Controller	LCD 7 " color screen controller (remote control is optional)
Effective cutting range	1. 1300 (crosswise) X 2500 (lengthways) mm 2. 1500 (crosswise) X 3000 (lengthways) mm
Max cutting speed (precision guarantee)	4000 mm / min
Max running speed	5000 mm / min
Machine positional accuracy	0.2 mm
Repeated positioning accuracy	0.2 mm
Cutting thickness	Flame cutting: 5-150mm Plasma cutting: depends on plasma power
Boundry dimension (W X L)	2200X3400mm
Weight	160kg
Cutting mode	Flame / plasma
Z axis stroke	80 mm
Cutting software	Optional: one set of IBE / FastCAM standard edition / Hypertherm Nest Master standard edition
Automatic height control	Standard configuration plasma THC (match with plasma / flame THC)
Mode of longitudinal driver	Dual drive



Dual-side precision sliders system, both sides of the crossbeam; increasing the machine stability and to reduces machine vibration.
Dual drive system, that can handle more weight.



Build with SteelTailor guaranteed components and parts which are cheaper and easy to assemble;
Integrated design, that allow easy installation of the machine.



Smart III Standard Package



SteelTailor

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