

SHAPERUNNER TWO-AXIS CNC CUTTING SYSTEM

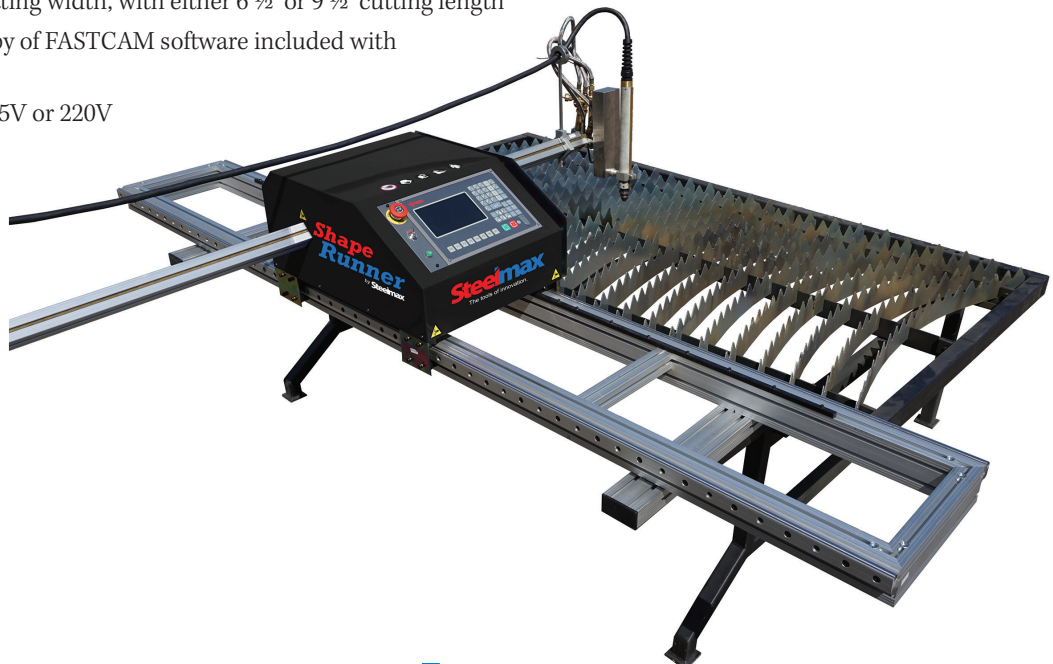
MODULAR AND PORTABLE CNC CUTTING

The **Shape Runner**® from Steelmax is a modular, portable and affordable CNC cutting system for all of your cutting needs, whether with plasma or flame cutting processes. The **ShapeRunner's** light weight, portability and minimal footprint make it the ideal choice for small shops looking to automate their cutting processes or for larger shops that need additional capacity away from their production cutting lines. With 4.5' of reach and up to 16' of linear carriage travel, the **ShapeRunner** is an extremely versatile solution, providing high-quality results without the price or the footprint of a traditional gantry cutting system.

The **Shape Runner** works with virtually all plasma power sources and can be uniquely configured to meet each user's specific needs, providing the highest value per cut in the industry. Whether you use the **Shape Runner** with a dedicated cutting table or you move the **Shape Runner** to the material, the **Shape Runner** is the go-to cutting machine. Each machine even includes CAD drawings and specifications for a robust cutting table specifically designed by Steelmax for the **Shape Runner**!

FEATURES

- Multi-process controller easily manages plasma power supplies as well as Oxy-Fuel cutting processes
- Automatic arc-voltage torch-height control and pierce distance control
- Precision guide rails ensure accurate and repeatable cutting performance
- Built-in shape library – 24 standard shapes with easily edited dimensions
- Fully integrated part nesting capabilities
- Standard USB port for loading custom two-dimensional shapes from standard CAD files
- Emergency Stop button
- 32 MB standard internal memory for program storage
- Standard 4 ½' cutting width, with either 6 ½' or 9 ½' cutting length
- Fully licensed copy of FASTCAM software included with each machine
- Dual voltage – 115V or 220V



Steelmax
The tools of innovation.

CNC CUTTING FROM STEELMAX®

TECHNICAL SPECIFICATIONS

Effective Cutting Width	4.5 Ft. (1370 mm)
Effective Cutting Length	6.5 Ft., 9.5 Ft. (1980 mm, 2895 mm)
Rapid Speed	120 IPM (3050 mm/min)
Cutting Speed Range	2 - 120 IPM (50 - 3050 mm/min)
Supply Voltage	115 Volts (Standard) / 220 Volts

PLASMA CUTTING

Torch Holder	Standard 1 3/8" (35 mm) Machine Barrel
Height Control	Through The Arc Height Control
Collision Detection	Ohmic Crash Sensing Through The Nozzle

OXY - FUEL CUTTING

Torch Holder	Standard 1 3/8" (35 mm) Machine Barrel
Hose Sizes	Standard "B" Oxy-Fuel Fittings (9/16" - 18 UNF)

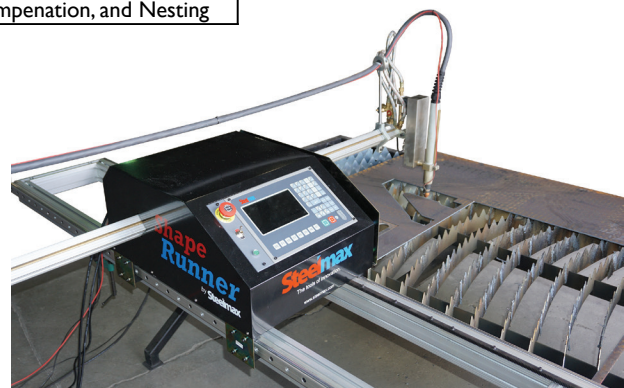
CNC CONTROLLER

Operation Panel	7" Color Display
Program Format	G Code
Shape Library	24 Shapes with Editable Dimensions
CAM Software	FASTCAM Included with Each System
Controller features	Outline, Scale, Mirror, Rotate, Kerf compensation, and Nesting



Standard Machine Package Includes:

- CNC Control Unit
- 4 ½' x 6 ½' or 4 ½' x 9 ½' Working envelope
- Motorized Z axis for Torch Height Control
- Torch holder for 1 3/8" machine barrel torch
- Interface cable for plasma power supply – Specify Power Supply
- Tubing/Solenoids for Oxy-Fuel cutting (Torch and short hoses sold separately)
- FASTCAM software
- CAD drawings for custom Steelmax burn table



Part Numbers:

- SM-SR-2150 – 6.5Ft Y-axis with Hypertherm interface cable
- SM-SR-2151 – 6.5 Ft Y-axis with universal interface cable
- SM-SR-3150 – 9.5Ft Y-axis with Hypertherm interface cable
- SM-SR-3151 – 9.5 Ft Y-axis with universal interface cable

Optional Equipment:

- SM-SR-FLM – Oxy-Acetylene torch/hose (w/o cutting tips)
- SM-SR-HYP-85 – Hypertherm Powermax 85 plasma package

Shipping Dimensions (L x W x H) and Weights:

SM-SR-2150/2151

- Controller – 21" x 27" x 18", 82 LBS
- Rails – 108" x 19" x 10", 159 LBS

SM-SR3150/3151

- Controller – 21" x 27" x 18", 82 LBS
- Rails – 163" x 19" x 10", 240 LBS



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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

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