




610 x 610 mm
Cutting Area

± 0.2 mm
Movement Accuracy
with Automatic Torch
Height Control (THC)

Stand-Alone
CNC Controller



Workshop Series WS66 CNC Cutting Table 600mmx600mm

The Strata WS66 CNC Cutting Table is a compact plasma cutting system built for small workshops, fabrication bays, and site work where space is limited. It delivers controlled, repeatable cutting with ± 0.2 mm movement accuracy using a lead screw drive system and stepper motors. The stand-alone CNC controller removes the need for a dedicated computer, allowing operators to run pre-loaded shapes or import files via USB. Automatic torch height control maintains cut consistency across material thicknesses, while the integrated waterbed reduces distortion and controls heat. Designed for use with blowback start plasma cutters, it suits light fabrication, repair work, and small batch production.



- ✓ **Lead Screw Drive with Stepper Motors**
Provides controlled axis movement with minimal backlash, improving cut accuracy on small parts and detailed profiles.
- ✓ **Automatic Torch Height Control (THC)**
Maintains correct torch distance from the workpiece, delivering consistent cut quality across uneven or varying material.
- ✓ **Stand-Alone CNC Controller with USB Input**
Allows operators to load and adjust jobs without a laptop, reducing setup time and simplifying operation in workshop or mobile use.
- ✓ **Integrated Waterbed (39.4 L Capacity)**
Reduces heat input into the plate, limits warping, and controls sparks and fumes during cutting.
- ✓ **Compact Footprint with Locking Castors**
Easy to position, relocate, or store in tight workshop environments without compromising machine stability.

Technical Specifications

Power Requirements:	120 V AC $\pm 10\%$, 50/60 Hz, 5 A
Plate Capacity:	610 mm x 914 mm x 6 mm
Maximum Load Capacity:	90 kg (including full waterbed and workpiece)
Waterbed Capacity:	39.4 litres
Torch Travel:	X-Axis: 610 mm Y-Axis: 610 mm Z-Axis: 50 mm
Movement Accuracy:	± 0.2 mm
Cutting Accuracy:	± 0.5 mm
Assembled Waterbed Dimensions:	705 mm x 1018 mm x 55 mm
Overall Dimensions (W x D x H):	1333 mm x 1397 mm x 1536 mm
Weight:	72 kg

Whats Included

WS66 CNC Cutting Table (flat pack)
FLCam Software
CNC Cut Controller
Stepper motor drive system
Torch mounting hardware
Integrated waterbed
Assembly hardware

Key Optional Accessories



1. SPT70M-6M - SPT70 Machine Plasma Torch 70A 6M Euro Connect
2. AdvanceCUT60 - 60A Inverter Plasma Cutter



WS66
User guide, specs, videos

LEARN MORE

For more accessories, visit the website.