

# 510



## Compact CNC Small Hole Drill EDM

Auto X, Y and Z (Spindle Head)  
with manual W Axis

Sub Guides for stable rotation  
(500mm Electrode Usable)

Moving Granite Table  
for Accurate Drilling

Left Splash Guard can be  
open for wider workpiece

Convenient Rotating  
Controller Unit with  
MS Windows 7® Pro 64bit  
Based Controller Software

Separated Pumps  
with Water Tank



3 stage fine discharge control for stable drilling

## Features and Specifications

Load CAD DXF file directly

No Unfinished hole (Auto Penetration System)

Advanced Check/Compensation for Electrode Wear

Auto Thickness Verifying System

- No need to wait until breaking through at the first hole.

Pitch Compensation System not just for X, Y, but also W-X, W-Y.

Automatic Edge Finding System

Max Size of Workpiece: 500 x 300 x 250mm (W x D x H)

Small Hole Drilling (0.1 ~ 3.0mm)

\* No ATC and AGC

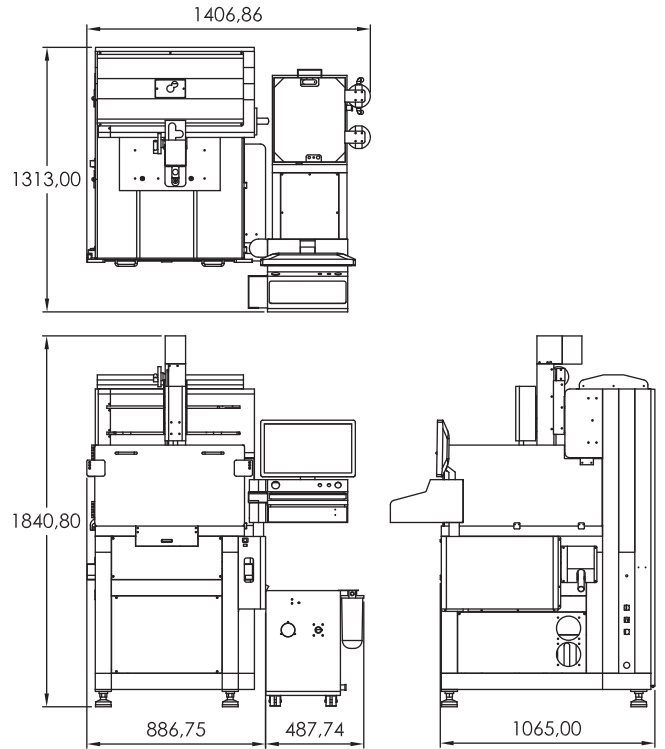


Table Size(X x Y)	Travel Distance(X x Y x Z x W)	Dimensions(W x D x H)
500 x 400mm (19.7 x 15.7in)	510 x 300 x 440 x 250mm (20.1 x 11.8 x 17.3 x 9.8in)	1390 x 1320 x 1950mm (Max 2200mm) 54.7 x 52 x 76.8in (Max 86.6in)

Machine Weight	Max Weight of Workpiece	Water Tank Capacity
900Kg / 1982lb	100Kg / 220lb	70Liter / 18gal*

\* The water tank can be replaced with an optional Larger Water Tank(130Liter/33.4gal).

\* Rated Voltage: 3phase 220/380/400V, 50/60Hz (Select when you order)

\* Rated Power Capacity: 5KVA \* Max Allowable Current: 30A \* Required Air Pressure: 5Kgf/Cm2

## Options

130Liter Large Water Tank

Large Diameter Drill Pack  
(Guide Plate/Collet Chuck for up to 6.0mm)

60A External Power Booster

NSD 1 Axis Indexer

Customized model Available



NSD Indexer



130Liter Large Water Tank

