

... Your Best Choice

Features

- **Small Volume, easy setup**

The Size of **Caddo 71** is only 395 330 375 mm. Size smaller than a microwave oven but using and setup as easy as it.

- **Machine working without requiring a computer**

The difference between **Caddo 71** and other machines is that **Caddo 71** does not need a computer to connect and drive machine all the time. In **Caddo 71** all the process data are saved into a Compact Flash card (CF card). Just insert this CF card in the machine then you can start using it.

- **Integrated sound/ dust enclosure**

An integrated sound/dust enclosure reduces working sound and provide safety environment to protect users.

- **High accuracy, Lower price**

Even though **Caddo 71** is small but it can make trace as small as 0.15 mm (6 mil) and it is the first choice for industry, college, university and laboratory with affordable budget.

- **Integrated micrometer depth controller**

Micrometer adjustment resolution of 0.01mm (0.0004") to adjust working depth.

- **Easy use Membrane Switch Panel**

In **Caddo 71** you don't have to watch several operations on a monitor. It has a fast key for major job i.e. Drill / Engrave / Route. In less then 3 clicks you can finish all setting.

- **Motorized Z-axis with software control drill speed**

For drilling & using various diameter of drill bits, the motorized Z-axis control drill speed becomes very important to avoid tool bit being broken. Users never have to worry about drill speed setup when drilling holes. All drill speed will be assigned by software.

Technical Specification

Working area	200 150 mm
Min drill hole size	0.3 mm
Min cutting trace/space	0.1 mm (4 mil)
X/Y travel speed	50 mm/sec (MAX)
Spindle speed (RPM)	25000 rpm
Milling depth sensing	Micrometer
Spindle Motor	Brushless Motor
Machine base	Cast Aluminium
Tool change	Manual Change
Tool holder	1/8 inch
Front to back registration	By Registration Pin
X/Y driver	Stepping Motor
Dimensions (W H D)	395 330 375 mm
Weight	20 Kg
Power consumption	220V
Sound/Dust Enclosure	Integrated



MATERIAL & ACCESSORIES

Tooling

Carbide Drill Bits

1/8" shank drill bits from 0.2 mm to 3.0 mm for precise drilling.

Endmills - Stub type

From 0.15 mm to 1.5 mm for removing copper surface and Isolating.

Contour Routers

From 1.0 mm to 1.5 mm for PCB shapping and drill holes bigger than 3.15 mm.

Isolating Mills

60 degree, 90 degree for isolating lines from 0.1 mm to 2.0 mm.

Board Material

Caddo 71 Boards is chosen from industrial standard circuit material. It has 0.5 oz. copper over fiberglass laminate. Available in size : 220mm 330 mm for both single or Doubled-sided.

Caddo 71 Tooling Kit contains 40 pieces of most commonly used tooling.

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