



# AE3025 YSD

## CNC Engraving Machine

Compact, Precision &  
Performance Redefined.

High-accuracy engraving, cutting, and milling. Ideal for both hobbyists and professionals, it offers unmatched precision and reliability for a variety of materials.

**aeon**

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## KEY FEATURES & BENEFITS

### High Precision

Achieve intricate details with 30.01 mm accuracy.

### Powerful Spindle

deal for engraving and light cutting on various materials.

### User-Friendly Interface

Compatible with Mach3 and GRBL for easy operation.

### Compact Design

Fits perfectly in small workshops or maker spaces.

### Reliable Performance

Sturdy build ensures long-lasting, repeatable accuracy.

## APPLICATIONS

**The AE3025 YSD is Ideal for both hobbyists and professionals, it offers unmatched precision and reliability for a variety of materials.**

### Engraving

Customize wood, acrylic, and metal with names, logos, or patterns.

### PCB Prototyping

Rapidly create custom circuit boards with precise detailing

### Sign Making

Engrave letters and symbols with flawless precision.

### Model Crafting

Produce small, intricate parts for models and crafts

### Jewelry & Art

Design personalized jewelry pieces or artistic engravings

### Custom Gifts

Create personalized items like keychains, coasters, and plaques.

### Industrial Marking

Etch serial numbers, barcodes, or logos on metal parts.

Model	AE3025 YSD
Working Area	300 mm x 250 mm
Control system	NK105 G2 control system
XY Z Guide	Rolling ball screw & imported linear rail for accuracy
Spindle Power	1.5KW
Spindle Speed	6000 - 24000 U/Min.
Working speed max.	0-100mm/s
XYZ accuracy	0.1mm
Reposition accuracy	0.01
XY resolution	0,025mm
Working Environment	Temperature :0°C-45°C Humidity: 30%-75%
Working Voltage	AC 220V 50HZ
Machine Weight	185KGS
Inverter	FULING 1.5KW
Control system	SUDA handle control
Overall Size	0.95 x 0.85 x1.5 Mtr

