



**CET**  
COLOR

# AXIS ELITE SERIES

## NEXT GENERATION CUTTING SYSTEM



The Axis Elite Series represents the next evolution in digital cutting performance. Built with advanced Magnetic Drive Technology, Axis replaces traditional belt and rack-and-pinion systems with a high-precision “Zero Contact” motion platform engineered for faster acceleration, smoother movement, and exceptional cutting accuracy. The result is a more responsive, production-ready system designed to maximize throughput while minimizing mechanical wear and long-term maintenance. Combined with a heavy-duty carbon steel frame for superior stability and durability, the Axis Elite Series is built to perform in demanding production environments day after day.

**2000**mm/s

Maximum  
Traverse  
Speed

**2g**

Linear  
Acceleration

Noise Level  
Under 65dB

### Performance & Reliability

- ▶ Multiple Table Size Solution to match application
- ▶ True 3 toll interchangeable positions available for many tool combinations
- ▶ Tool Head Modules controlled independently
- ▶ Optical Auto Tool height calibration
- ▶ Automatic Router Bit Tool Changing options available for AXIS Pro series models
- ▶ Variable Vacuum Zone table controlled by our software to adjust the vacuum power & positions for different material feeds
- ▶ Auto sheet feeding system for increased production available
- ▶ Service and Support by our expert techs and specialists
- ▶ Parts & Supplies in stock at CET Color, Atlanta, GA warehouse

### Graphic Markets

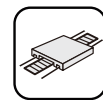
- ▶ Commercial Print Facilities
- ▶ DOT, City/Municipality Sign Shops
- ▶ Packaging/Prototype - opportunity to produce custom tests, and small runs
- ▶ Production Graphic Houses producing POP/POS display work, trade show graphics, etc.
- ▶ Sign PSP's Franchises
- ▶ Soft Signage & Textile production companies
- ▶ Solvent/UV printer owners

### Specialty Markets

- ▶ Furniture/Upholstry industry
- ▶ Gasket manufacturing - produce smaller quality runs and one off's that won't require steel die production
- ▶ Specialty textile - Fire resistant suit mfg example - cutting Kevlar materials that cannot be laser cut
- ▶ Technical textile & Acoustic panel production for office/building environment applications

### SPECIFICATIONS

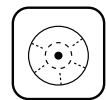
Model	AXIS Pro - 2516	AXIS Pro - 3516	AXIS Pro - 3532
Effective cutting area	98in x 63in	137in x 63in	137in x 125in
Machine dimension	133in x 90in	173in x 90in	173in x 153in
Vacuum Zones	9	12	24
Max traverse speed	2000mm/s = 4680ipm		
Max cutting thickness	50mm/1.97in		
Cutting precision	0.05mm/.002in		
File format	DXF /HPGL /AI /PDF		
Material hold down	Vacuum		
Pump power	7.5 - 15KW		
Electric power	220V/60HZ		
Operation environment	Temperature: 32°F-104°F		Humidity: 20%-80%RH



Linear Motor Drive



Modular Framework Platform



Optical Automatic Knife Initialization



# CET COLOR

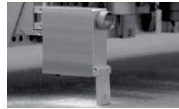
# AXIS ELITE SERIES

## NEXT GENERATION CUTTING SYSTEM



### Efficient Cutting Heads

The max cutting speed is 2m/s (6 to 8 times faster than manual cutting) which considerably increases the production efficiency.



### Precise Automatic Positioning System

The high precision CCD camera accounts for multiple types of printer distortion.



### Safety Device

Optical safety devices.



### Continuous Cutting System

Automated conveyor feeding system. Continuous cutting function can cut long pieces saving labor cost and increasing productivity.



### Precision Aluminum Table

Multiple vacuum zone system for accurate material hold down.



### Optical Auto Tool Calibration

Automatic knife initialization controls the cutting depth accuracy with an infrared sensor.



AFFORDABLE SOLUTIONS



IMPROVED PERFORMANCE



INCREASED PRODUCTIVITY



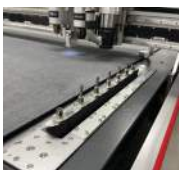
RELIABILITY YOU CAN DEPEND ON

## Complete Cutting Tools

The AXIS Elite Series is engineered to handle a wide range of rigid and flexible materials with speed, precision, and production-ready reliability. From acrylic, PVC, vinyl, and KT board to corrugated packaging, foam board, and textiles, AXIS delivers versatile finishing capabilities including through-cutting, kiss-cutting, creasing, V-cutting, routing, scoring, engraving, and marking all within a single streamlined workflow.

### Tool Changer

The AXIS Elite Series features an integrated 7 position router tool changer station built into the frame.



### The Router

1.8kw (2.4hp) featuring industry standard 6mm collet with pneumatic chuck. This module is compatible with automatic router bit tool changers.

### Vacuum

15hp high efficiency vacuum pump to provide exceptional hold down strength of your flexible media and rigid substrates.



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