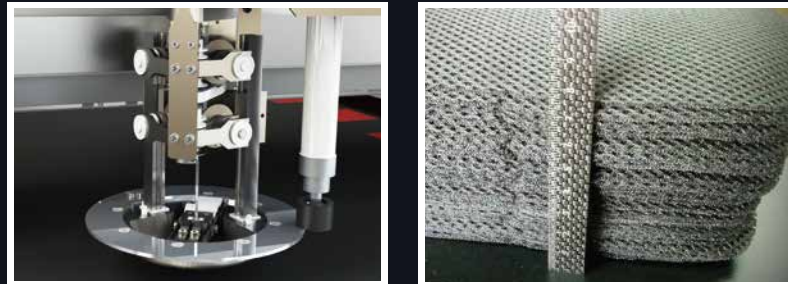


Ball & Doggett

IECHO



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**GLS AUTOMATIC MULTI-PLY
CUTTING SYSTEM**

GLS FUNCTIONS



IECHO Motion Control System



IECHO Super Automatic Nesting System



IECHO Modular Customization Solutions



IECHO Cut Server Control Center



IECHO Tool Cooling System



IECHO Intelligent Feeding Correction System



GLSA

AUTOMATIC MULTI-PLY CUTTING SYSTEM

GLS Automatic Multi-Ply Cutting System provides the best solutions for mass production in Textile, Furniture, Car interior, Luggage, Outdoor industries, etc. Equipped with IECHO high speed Electronic Oscillating Tool (EOT), GLS can cut soft materials with high speed, high precision and high intelligence. IECHO CUT SERVER Cloud Control Center has powerful data conversion module, which ensures GLS work with the mainstream CAD software in the market. GLS provides a strong technical support for customers to shift from traditional production mode to automatic production mode.



COMPARISON BETWEEN DIGITAL CUTTING AND TRADITIONAL PRODUCTION

- Improve production environment.
- Improve production management.
- Improve material utilization.
- Improve production efficiency.
- Improve product quality.
- Improve corporate image.



PARAMETERS

Max Thickness	Max75mm(With Vacuum Adsorption)
Max Speed	500mm/s
Max Acceleration	0.3G
Work Width	1.6m / 2.0m / 2.2m （ Customizable ）
Work Length	1.8m / 2.5m （ Customizable ）
Cutter Power	Single Phase 220V,50HZ,4KW
Pump Power	Three Phase 380V,50HZ,20KW
Average Power Consumption	< 15Kw
Inferface	Serial Port
Work Environment	Temperature: 0-40℃ Humidity: 20%-80%RH

ADVANTAGES

KNIFE INTELLIGENT CORRECTION SYSTEM

Adjust cutting mode according to material differences.

KNIFE COOLING SYSTEM

Reduce tool heat to avoiding material adhesion.

CUTTERSERVER

CUTTER SERVER CUTTING CONTROL SYSTEM

Self-developed, easy to operate; providing perfect smooth cutting.

INTELLIGENT FAULT DETECTION SYSTEM

Automatically inspect the operation of cutting machines, and upload data to cloud storage for technicians to check problems.

PUMP FREQUENCY CONTROL SYSTEM

Automatically adjust the suction force, saving energy.

KNIFE SHARPEN COMPENSATION

Automatically compensate knife sharpen according to blade wear, improving cutting precision.

AUTOMATIC FILM MULCHING DEVICE

Prevent air leakage, saving energy.

