

iECHO

GLSA AUTOMATIC MULTI-PLY
CUTTING SYSTEM



iECHO GLSA CUTTER

iECHO GLSA Cutter's robust construction quality combined with intelligent and patented control software enables highly efficient cutting. iECHO GLSA Cutter carries out a pre-check on the input file which helps to confirm that there is no overlap and hence avoid cutting errors. iECHO's GLSA Cutters enables your cutting room reliability with maximum uptime at optimal speed ensuring high quality cut parts at the lowest cost per cut.

Features

- Cut upto 7.5 cm of compressed material using an variable vacuum system.
- Easy to use Cutserver Cutter software minimizes operator training and reduces errors.
- Cutserver Software can automatically sequence the cut parts, slowdown at corners, slowdown at notch and can change the start point.
- Notch dimensions and the type of the notch can be changed in Cutserver Software.
- Transfer CAD files to the cutter easily by integrated networking.
- Integrated automated drill produces holes up to 12.7 mm in diameter through most fabrics.
- Under 75 dB comfortably integrates into most production environments.
- Emergency stop buttons and beam paddles help keep operators safe in all areas around the machine.
- Knife Coolant keeps the blade clean and cool which prevents the materials from being fused while cutting.

Technical Parameter

Description

	GLSA 2516	GLSA 2520	GLSA 2522
Max Compressed Cutting Height		7.5 cm	
Max Cutting Speed		50m/min	
Max Acceleration		0.3G	
Cutting Accuracy		<+/-1mm	
Compressed Air		0.55Mpa 106L/Min	
Maximum Temperature		0-40C	
Humidity		20-80%	
Control Power		3PH, 380V, 50Hz, 5Wire	
Vaccum Power		380V, 3-Phase, 50/60 Hz, 34, 9A	
Average Power Consumption		18KWH	
Drill		Standard Single Drill	
2nd and 2rd Drill		Optional	
Cooling Device		Standrad	
Operating System		Window 10 Pro	
Noise Level		<75db	
Cutting Area (WxL)	1.6mtrs.x2.5mtrs.	2.0mtrs.x2.5mtrs.	2.2mtrs.x2.5mtrs.



AUTOMATIC MULTI-PLY CUTTING SYSTEM

GLSA Automatic Multi-Ply Cutting System provides the best solution for mass production in textile, furniture, Car interior, Luggage, Outdoor Industries etc. Equipped with IECHO high speed Electronic Oscillating Tool (EOT), GLSA can cut soft materials with high speed, high precision and high intelligence. IECHO CUT Sever Cloud Control Centre has powerful data conversation module, which ensures GLSA work with the mainstream CAD software in the market. GLSA provides a strong technical support for customers to shift from traditional production mode to automatic production mode.



AUTOMOTIVE



AEROSPACE



LEATHER AND FOOTWEAR



UPHOLSTERED FURNITURE



MEDICAL SUPPLIES



TEXTILES AND CLOTHING



LUGGAGE AND HANDBAGS



FABRIC TOYS



OUTDOOR SUPPLIES

COMPARISON BETWEEN DIGITAL CUTTING AND TRADITIONAL PRODUCTION



- Improve Production Environment
- Improve Production Efficiency
- Improve Production Management
- Improve Product Quality
- Improve Material Utilization
- Improve Corporate Image

ADVANTAGES

KNIFE INTELLIGENT CORRECTION SYSTEM

- * Adjust cutting mode according to material.

CUT SERVER CONTROL SYSTEM

- * Easy to use GUI (Graphical User Interface)
- * Reduce Operator Training Requirement

KNIFE COOLING DEVICE

- * Reduce Knife heat to avoid material fusing.

AUTOMATIC VACUUM RE-SEALER

- * Prevents Vacuum Leakage while cutting
- * Reduce Power consumption
- * Improve cut quality

KNIFE SHARPEN COMPENSATION

- * Automatically compensate knife according to blade wear.
- * Improve quality of notch and corners

INTELLIGENT FAULT DETECTION SYSTEM (IoT)

- * Automatically audit operation of GLSA & upload data to cloud for FSE to review
- * Improve MTTR
- * Improve FSE response time.

VARIABLE FREQUENCY DRIVE (VFD)

- * Automatically adjust vacuum and saves energy

GLSA FUNCTIONS



IECHO Motion Control System



IECHO Super Automatic Nesting System



IECHO Modular Customization Solutions



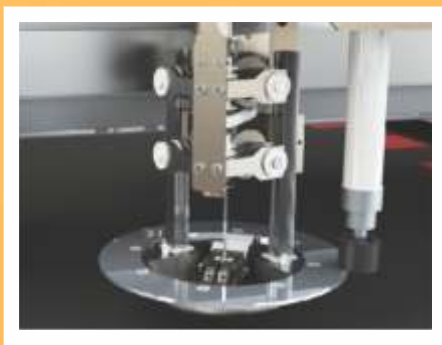
IECHO Cut Server Control Center



IECHO Tool Cooling System



IECHO Intelligent Feeding Correction System



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