

## Computerized Fabric Cutting Machine

### GT-C-2521ND



#### Product Parameters:

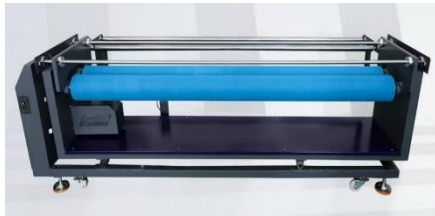
- Operating Characteristics: Computer operation and cutting machine work simultaneously, data transmission is completed quickly, and continuous use is possible.
- Effective Working Area: 2100\*2500 mm
- Safety Device: Infrared sensing, safe and reliable
- Cutting Speed: 0-1600 mm/s
- Cutting Thickness:  $\leq 50$  mm; other thicknesses can be customized according to material (adjusted based on actual material)
- Applicable Materials: Fabric, leather, carbon fiber, prepreg, fiberglass, composite materials, and other non-metallic flexible materials
- Material Fixing Method: Vacuum adsorption
- Transmission Port: Ethernet port
- Vibration Knife Frequency:  $\leq 16000$  rpm (maximum)
- Compatible Pen Types: Ordinary ballpoint pen, oil-based pen, fountain pen, silver pen
- Number of Pens Usable: 2 sets of different pens: round knife, drawing pen
- Transmission System: Linear guide rail, rack and pinion, lead screw
- Buffer Capacity: One-time fast transmission
- Command System: HP-GL and GP-GL compatible formats
- Rated Power: 11KW (customizable based on actual machine requirements) Rated Voltage: 220V/380V (customizable according to actual machine specifications)
- Control System: Bilingual (Chinese/English) LCD touchscreen
- Operating Environment: Temperature  $-10^{\circ}\text{C}$ - $45^{\circ}\text{C}$ , Humidity 20%-60%RH
- Supported File Formats: AI, PLT, DXF, CDR, CDA, etc.

- Overall Dimensions: 2800mm\*3500mm\*1250mm
- Mechanical Resolution: 0.1mm
- Software Resolution: 0.01mm
- Feeding Deviation Correction Mechanism
- ADDING auto nesting system and digitizer

**Digitizer:**



**Feeding Deviation Correction Mechanism:**



**Auto nesting system:**

Computer-automated nesting, adjustable width and angle, multiple pieces can be freely combined and mixed for zero-distance layout, maximizing material utilization.