



## New GT cutter meets demand for low- to medium-ply cutting applications

The GTxL cutter is the newest in the GT series, and is ideal for cutting material for small-lot orders, at low- and medium-ply heights up to 2.5 cm (1 inch). The system is especially suited for ladies fashion, suits, sportswear, and industrial products, such as furniture and transportation interiors.

### Highlights

#### Best price performance for low- and medium-ply cutting

Using this automated cutting system to its fullest capabilities means more throughput at less cost, for higher profits and a fast return on investment.

#### Highest quality at lowest cost-per-unit cut

- lower power consumption
- longer-lasting consumables
- more cutting time per cutting cycle
- less downtime
- higher throughput (or less labor)

#### Lowest operating costs

GTxL will pay for itself quickly with an excellent ROI in fabric and labor savings, accurate and reliable cutting, more uptime, and less maintenance. Fast cutting turnaround ensures strict deadlines are met, avoiding penalties for late delivery.

#### Easy to learn and operate

The intuitive operator interface and the simple on-machine control panel allow an operator to be trained quickly so that production can begin immediately.

#### Fast delivery, easy installation

The GTxL cutter can be shipped in a short time frame, and installed and running in little more than a day.

# GTxL

## General Specifications

### System Configuration

- Long vertical knife stroke cuts cleanly from top ply to bottom ply.
- Automatic knife re-sharpening maintains cutting efficiency.
- 2.5cm (1.00 in.) maximum compressed fabric height
- 1.7m (68 in.) cut width
- 10.2m/min. (400 in/min.) average throughput
- 46m/min. (1800 in/min.) maximum cutting speed
- 3.7m/s<sup>2</sup> (3/8 g) maximum head acceleration
- Long-life knife blades and variable knife-reciprocation speed control
- 75dB noise level
- Automatic power conservation mode
- Comprehensive operator and technician training

### Table Characteristics

- GERBER BRISTLE SQUARE® cutting surface allows knife blade to penetrate surface without damage & concentrates vacuum at cutting location.
- Integrated vacuum system holds materials securely in place for effective and accurate cutting.
  - ◊ High-efficiency vacuum generator
  - ◊ Integrated table resealer to maintain vacuum
- Bristle cutting surface automatically conveys material from spreading table through cutter.
- Conveyor take-off table moves cut parts from cutter into bundling area.
- Table heights: 75cm (29.5 in.) to 90cm (35.4 in.) in 5cm (2 in.) increments
- Overall length 4.19m (165 in.)
- Cutting window length: up to 170cm (71 in.)
- Overall table width 2.74m (108 in.)
- Table weight total: 2,554kg (5,618 lbs.)
- Table weight per wheel:
  - ◊ take-on end 1@1040kg (2,288 lbs.)
  - ◊ take-off end 2@757kg (1,665 lbs.)

### Cut Data File Specifications Supported

- Interface to open standard data formats produced by most CAD products
- Gerber public domain Input Data Specifications, Document 40309-500-01 IA based on EIA RS-274-D.
- Gerber AccuMark™ native marker data

### Control Features

- C-200 Operator Control Console and Software
- Advanced model high quality PC, complete with keyboard, monitor, mouse, and Windows® operating system
- Fully network-compatible
- Easy-to-use graphical user interface (GUI)
- Sophisticated cut data file handling
  - ◊ Modify notch and cutter parameter tables at the cutter
  - ◊ Cut data file queuing (scheduling)
  - ◊ Automatic cut data file optimization; merging duplicate cut lines into single common lines, optimizing cut path
  - ◊ Automatic SMARTbite™ calculation
- Display of cut data geometry on screen
  - ◊ Preview geometric data for error prevention
  - ◊ Preview piece cutting sequence
  - ◊ Display cut pieces as cutting progresses
- Continuous display of operating parameters: Vacuum level, cut speed, etc.
- Pre-loaded with library of expert setup files providing initial Knowledge-Base
- Storage of cutting setup parameter files for future use
- Flexible software control of cut speed and knife-speed to increase throughput
- Software screens and manuals available in many languages
- Metric and Imperial data capabilities
- State-of-the-art embedded digital motion controller
- Maintenance Manager automatically monitors required hardware maintenance items and notifies operator of maintenance procedures. Ensures compliance through special password security and adherence to required maintenance.

### Options

- InVision automated plaid and stripe pattern matching system
- InfoMark top ply piece labeling system
- Single electric fabric drill, up to 9.5mm (3/8 in.)
- Second fabric drill, up to 9.5mm (3/8 in.)
- Lateral travel kit enables cutter to move between multiple spreading tables
- Right side operation moves controls to opposite side of machine
- Time Management Reporting (CIDB Cutter Information Database) automatically tracks and collects throughput data
- Cut Path Intelligence
- Continuous Cutting

- Bar code reader for data input of cut file and setup file names
- Variable vacuum level control through VFD.
- Complete service and parts supply package
- Drag blade
- Annotation Pen

### Power Requirements

Table Power:

50amps at 220V 3 PH, 50/60 Hz

26amps at 380V 3 PH, 50/60 Hz

25amps at 480 V 3 PH, 50/60 Hz

Control Power Requirements

3-wire 220v single-phase, 20 amp, 50/60 Hz

Average Power Consumption

10KW average for 3-phase system

### Compressed Air Requirements

11.3 liters/min., 6.8 bar compressed air (4 SCFM at 100 PSI)

### Operating Environment

Maximum temperature: 43°C (110°F)

Maximum humidity: 95% (non-condensing)

Standard vacuum system to 760 m (2,500 feet) above sea level (optional vacuum control available for higher altitudes)

NOTE: Configurations vary according to options selected by customers. Specifications are subject to change without notice.

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Gerber products containing lasers comply with 21 CFR, Sub-chapter J, as applicable

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