

Taurus XD



The one solution for all your leather cutting needs.

Improve productivity.

The Taurus™ XD GERBERcutter® features automated color hide scanning, flaw capture and multiple nesting packages. Depending on the application, it can cut as many as 15 hides per hour.

Maximize yield.

Field results have shown Taurus XD reduces leather waste by 4 percent; however, some organizations realize as much as 10 percent in savings. Taurus XD supports fully automatic nesting as well as manual nesting.

Eliminate pattern templates and cutting dies.

Taurus XD eliminates the need for pattern templates and cutting dies and eliminates operator injury associated with manual hide cutting. It also improves worker safety by eliminating back strain brought on by the lifting of heavy dies.

Get unparalleled quality and accuracy of cut parts.

Taurus XD delivers consistent, reliable cut quality and accuracy. As a result, users realize a reduction in recuts. Unlike with manual leather cutting, cut details, such as notches, are guaranteed to be included. Therefore sewing operators can complete the assembly process faster than when using leather parts cut manually.

Unleash powerful management data.

Taurus XD provides comprehensive production data on every hide cut, including cut times and nesting yields by shift and by user-definable time frame (start and stop date).

The system also calculates total hide area. Therefore, manufacturers are able to compare the system's scanned hide area to the area reported by the supplier, and identify any variances between the two.

For a customized analysis of your needs, contact us today.

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 **GERBER TECHNOLOGY**
Expect More.

Taurus™ XD

Product Specifications

System Components

- Two-station, static cutting table
 - Long-lasting, plastic cutting surface
 - Dual high-flow vacuum generators
- High speed cutting beam
- Cutting head with four tool holders and one ink pen
- Color hide scanning for hide perimeter and flaw capture
- PC for cutting control
- PC for nesting

Vacuum System

- Dual 7.5KW (10 hp) vacuum blowers installed for maximum material hold-down
- Independent gate valves for each vacuum mounted onto the cutting frame
- Efficient, integrated electric motors with low current start and a powerful centrifugal vacuum generator
- Each cutting station contains its own blower for consistent, powerful flow

Maximum Cutting Speed

- 1.27 m/sec (50 in/sec)

Maximum Cutting Acceleration

- 10.16 m/sec² (400 in/sec²)

Key Features

- PC-based software in Windows® environment
- Ability to import data from many data types including NC, DXF, AAMA-DXF, IGES
- "Zero-Buffer" cutting

- Capability to cut leather, cloth, vinyl, foam and carpet
- Color hide scanning with resolution of 0.5 mm
- Database to record production statistics for every hide cut
- Available with automatic and manual nesting solutions
- Up to four flaw zones to improve quality and nesting efficiencies
- Up to three character zones to provide positional part cutting
- Durable and easily installed cutting surface
- AC brushless servos

System Dimensions and Requirements

Dimensions

- Machine: 2.74 x 7.31 m (9 x 24 ft)
- Footprint: 3.6 x 7.31 m (11.8 x 24 ft)
- Cutting area per station: 2.74 x 3.20 m (9 x 10.5 ft)
- Table height: 0.82 to 0.85 m (32.5 to 33.5 in)

PC and Operating System

- Intel or AMD processors
- Windows XP Professional

Power

- 60 Hz vacuum blowers (2)
 - 208-230VAC at 25.6-23.4 amps (3 phase per blower)
 - 460 VAC at 11.7 amps (3 phase per blower)
- 50 Hz vacuum blowers (2)
 - 190-220VAC at 29-26 amps (3 phase per blower)
 - 380-415 VAC at 14.5-13.3 amps (3 phase per blower)
- Drive system
 - 220 VAC at 15 amps (1 phase)

Compressed Air

- 5.5 - 8.3 bar (80 -120 psi) @ 14.15 lpm (0.5 scfm)

Optional Components

- SimulNest®- additional computer dedicated to nesting which can improve yields by an additional 2 percent
- Laser pointer - facilitates fabric matching

NOTE: Configurations vary according to options selected by customers.

Specifications are subject to change without notice.

GERBERcutter® and SimulNest® are registered trademarks and Taurus™ is a trademark of Gerber Technology. Windows® is a registered trademark of Microsoft Corporation.



4-Tool Cutting Head



Vacuum Table with Electrical Chain

GERBER TECHNOLOGY

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