



Versalis is a registered trademark of Lectra

“ With Lectra’s Versalis solution, our productivity has doubled and quality increased. Today we have a cutting solution which is perfect.”

Dean Leullier, Production Manager,
Duvivier Productions, France

VERSALIS FURNITURE LEATHER CUTTING ROOM

TOMORROW’S LEATHER CUTTING SOLUTION, TODAY

VersalisFurniture is a modular solution which can be tailored to suit all production types whatever the leather being used - aniline, semi aniline, corrected, split ... It is suitable for medium and mass production and can be adapted to any process organization. Whether you identify flaws and defects, nest and cut in one, smooth, online sequence, or on separate workstations, VersalisFurniture will help you to reduce costs, deliver consistent quality and keep delivery times under control, so that you can meet your profit targets and remain competitive.

MANAGE QUALITY, FLOW AND VISIBILITY

- **Increase productivity** - the VersalisFurniture is up to 4 to 5 times more productive than manual cutting
- **Save up to 8% more leather** than manual nesting
- **Reduce dependency on operators** by optimizing resources and making best use of know-how
- **Build flexibility and agility** into an optimized process
- **Improve process flows and cut quality** while reducing variability
- **Have automatic visibility of entire leather cutting room performance** efficiency, productivity and quality necessary for continuous improvement
- **Accurate leather stock management** when using separate flaw recognition and digitizing workstations

■ Increase productivity

The conveyor configuration, with Versalis' built-in error proofing, lets you balance the various phases perfectly, without slowing or interrupting the cycle. The result is a constantly optimized production process. High quality cutting features in the system's pilot software make it perfectly suited to all types of leather used in the furniture industry.

■ Generate savings

Customers report average additional leather savings of 5% compared to manual cutting. **With automatic nesting, the settings adapt to each hide automatically,** ensuring the best leather consumption for every order. Offload assistance software ensures uninterrupted workflow, guiding operators on sorting cut parts, saving time, removing the risk of error and cost of subsequent reworking and reducing the need for skilled offloading teams.

■ Optimize resources

Using Versalis, the entire process, requires only two people to deliver the same production as 10 manual cutters.

Cutting leather requires skilled operators. Use them where they have most value, such as identifying hide quality zones and nesting natural hides and let Versalis take care of the rest.

■ Enhance flexibility

The modular VersalisFurniture range comprises an automated cutting system with one or two cutting heads, single or multiple conveyors, hide scanner and/or digitizer for flaw identification, with automatic, interactive or combined nesting solutions. When associated with configurable software, this unique modularity satisfies all requirements of different types of hide and production set-up.

■ Maintain quality

Nesting software automatically respects all leather and customer nesting constraints providing consistent quality irrespective of operator knowhow.

With automatic mapping of the cutting area and advanced cutting head technology, Versalis automatically adjusts blade penetration for all leather thicknesses up to 4mm. In addition the onboard repositioning camera and software automatically checks and adjusts hide position before cutting, to ensure defective areas and hide contour are respected.

■ Increase visibility

Versalis is lean-inspired. Worn part indicators, visual monitoring and built-in anti-error devices help to "get it right first time" improving overall efficiency.

Leather reporting software analyzes production throughout cutting. It helps control costs using accurate diagnosis of leather consumption, providing production information tailored to **key performance indicators**.

■ Separate flaw recognition and digitizing

For some companies, it may be more efficient to separate cutting from other activities. Using a separate digitizing station, map each hide on delivery to check surface area and quality.

Use mapping data to create a digital stock, so you know exactly the quantity and quality of leather you have, making it easier to select multiple hides for single or combined order cutting.

Save up to 3% more compared to automatic nesting in an online process, through multi-hide nesting. This tests combinations of hides in the same work order to find the "winning combination".

