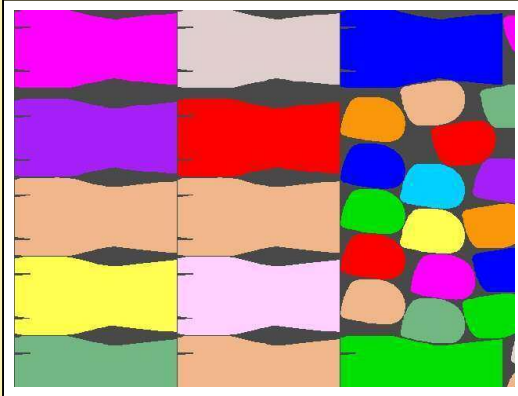




Marker Making Solution



Material savings and high productivity as the result of the marker-making process are fundamental objectives for industry companies.

Diamino, Lectra's solution for interactive and automatic nesting on all kinds of material, represents a high-technology tool that allows:

- Easy, fast and effective interactive creation and nesting of markers for prototyping, costing and production
- Fully automatic nesting based on latest technologies, respecting material and article constraints
- Specific functionality to increase performance and results of the nesting process

Confirmed experience in marker-making

Used by more than 10,000 professionals throughout the world, Diamino benefits Lectra's 30 years long experience in technologies of material optimization.

Productivity gains

Diamino significantly reduces nesting time, so that more part marker combinations can be tested to find out the best solution.

New markers are quickly generated by simple addition, deletion or substitution of an article or a part.

Material Gains

At the end of interactive marker making, a marker compression function eliminates the empty spaces and reduces the marker length by tight-packing the parts. This function, particularly suitable for small parts, can generate further material savings of up to 1,8% over the interactive marker making.

Powerful, ergonomic and user-friendly

Diamino achieves optimized marker making on every kind of material.

The operator has a view of the entire marking process and complete information on the parts during manipulation.

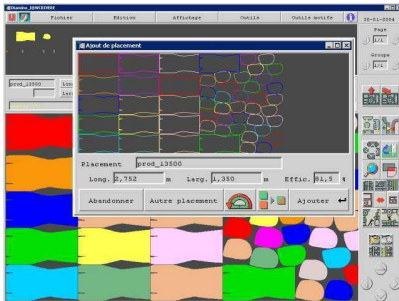
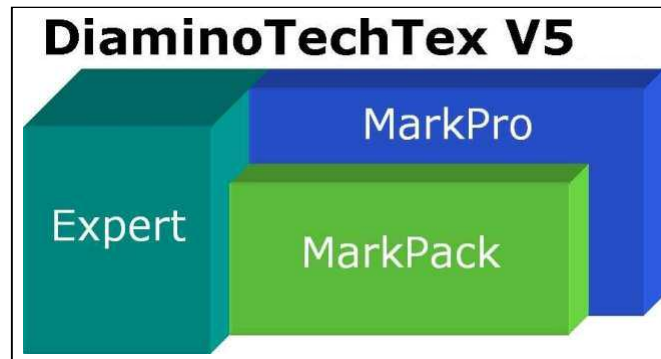
Complete integration with Lectra product range

Design Concept or Formaris — the pattern-making software — and Diamino are fully integrated.

Diamino generates markers that can be used directly on plotters, automatic spreaders and cutting systems. For the best cutting quality, Diamino optimizes the blade-cutting path (starting point, cutting direction, etc.) and communicates perfectly with Mosaïc to achieve optimum quality on matched materials.

A flexible range to suit every need

Three packages respond to all particular needs of customers.



Diamino MarkPack V5

■ An ideal module for the pattern-maker

Diamino MarkPack provides an estimate of material consumption by quickly generating an initial marker. The pattern maker is freed from the marker-making phase and can concentrate fully on the creation of prototypes.

Enhanced Productivity

Diamino MarkPack offers faster generation of markers and functionality to increase the productivity of marker making. New markers can be generated quickly using the acceleration functions such as part duplication, marriage, analogy and substitution or addition of articles.

Save material easily

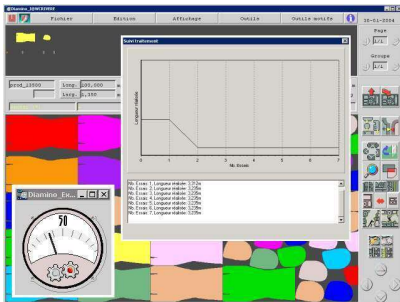
This easy to use tool guarantees savings on both time and materials. The use of constraint files related to the material or parts, such as rotation or symmetry limitations, minimizes the risk of errors. The Shaker compression functionality guarantees immediate additional material savings up to 1%, particularly helpful for markers with small parts.

High-quality results on matched fabrics

Diamino optimizes the positioning of parts in the marker to take into account the seams and match points and guarantees the quality of the finished article. Markers can be rapidly adapted to any kind of striped, matched or motif material.

Top-quality Cutting

By choosing the start points, cutting direction or the shape of notches, Diamino ensures optimized tool operation and top-quality cutting on automatic cutting machines.



Diamino MarkPro V5

Boost Productivity and efficiency

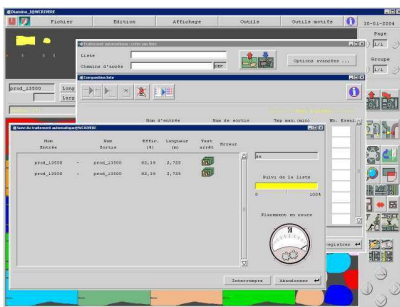
Diamino MarkPro extends the functionality of the MarkPack module by integrating automatic nesting to the manual nesting process.

Share the work

Redefine your marker making process by combining the experience of marker making operators with the speed and calculation power of automatic nesting. Let the operator place the most important parts, and let the automatic do the rest.

Or, the operator can choose to nest the whole markers automatically, for example for costing operations.

The automatic nesting and the tight-packing of parts – also included in this module – will immediately lead to substantial material savings at a much higher productivity.



Diamino Expert V5

Save material and increase productivity

For all kinds of material, Diamino Expert processes lists of markers in a batch-processing mode.

Using Diamino Expert to generate markers releases operators from tedious tasks that can be automated, so they can concentrate on those requiring their expertise.

Gain material by shortening markers

Use Expert to shorten your markers in a batch-processing mode by tight-packing the parts and eliminating unnecessary free space between the parts. The results are material savings up to 1%.

Easy to use

Its user-friendliness and ease of use enables novices to easily perform optimizations and achieve optimal results.

Quality-conscious efficient marker-making

Diamino Expert produces markers that take the specific requirements of the material and article into account.

Diamino Expert also gives you the opportunity to know the optimal material width for each marker processed automatically.

Autonomy for increased profitability

Diamino Expert is capable of working autonomously and unattended: define a list of markers to be made or compressed and process them over night. The next day, all your markers will be made or optimized.



Technical specifications

	MarkPack, MarkPro	Expert
Processor	1 GHz	1.8 GHz
RAM	128 MB (256 MB recommended)	256 MB (512 MB recommended)
Hard Disk	4 GB	4 GB

Service offering



Consulting

Lectra consulting helps you identify problems associated with your business and define areas for improvement to develop the creation and reduce the time to market of your products. Our team of specialists will assist you in establishing investment priorities and developing an implementation plan to accelerate speed-to-market, reduce costs, eliminate inefficiencies, and improve communications. Our specialists have on average more than 10 years' experience in your business sectors and in the technologies concerned, enabling them to handle any stage in the consulting process, from audit to project installation.



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Remote Expertise offers global access to our experts and technical specialists at Lectra's International Call centers in Atlanta, USA (for North America); Bordeaux, France (for Europe); Madrid, Spain; Milan, Italy; and Shanghai, China (for Asia). Your CAD/CAM software and hardware can be accessed remotely by Lectra teams to provide real-time IT support for software problems, production needs and workflow processes. In addition, you can instantly download files or software patches to correct minor problems.



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Software Evolution is a subscription service that gives you access to the latest versions of Lectra software, allowing you to continually improve technical performance and to optimize your design environment with each technological innovation. Software Evolution secures your investment over the long term. This service allows you to enjoy state-of-the-art technology while achieving substantial savings.



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