

# LyNEST® 2D-R

Let's Nest Parts with **LyNEST 2D-R**

## LyNEST 2D-R Nesting Software

*fast and efficient solution for the rectangular nesting into plates.*

**LyNEST 2D-R** nests multiple parts into multiple plates in an optimal way. Thanks to efficient algorithms developed and tested by our engineers after long period of research, **LyNEST 2D-R** produces realistic and optimal results in very short time.

**LyNEST 2D-R manages your productions.** You can simulate your production on 2D display.

**LyNEST 2D-R** presents nesting layouts in a single production page. You can easily access to each layout's specific information.

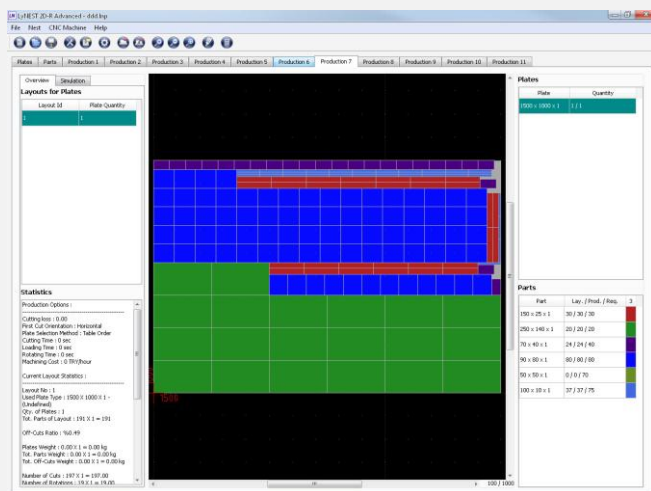


### Direct CNC Control Interface

With the optional CNC interface, **LyNEST 2D-R** communicates with guillotine shears having Cybelec® CNC controllers. **LyNEST 2D-R** sends the cutting information to the CNC step by step. On the screen of your PC, you are guided at each step with 2D display and necessary part manipulation messages.

On demand, depending on the application, **LyNEST 2D-R** may be adapted to interface with other CNC control units.

**LyNEST 2D-R is very simple to use.** It doesn't require specific training. Thanks to its simple and comprehensive interface, you find all the necessary information in the software and learn the essential in few hours.



## Nest and Simulate !

In simulation mode, you can survey step-by-step the cutting sequences and evaluate the production.

## Easy comparison of nesting strategies

LyNEST 2D-R keeps several production results in memory. Hence, you can easily compare nesting alternatives simply by switching between tabs.

## Production Report

LyNEST 2D-R's nesting results are presented in a production report. You can use the detailed production sequence table to program any CNC.

## Cost Analysis, Statistics and Reporting

Based on some parameters you program once, LyNEST 2D-R makes cost analysis for production and presents it the detailed production and statistical report.



## Priority management among the parts

LyNEST 2D-R allows you to define priority among parts. As a result, LyNEST 2D-R nests important parts as many as possible with priority, then places the remaining less prior parts as much as possible.

## Orientation management of parts

LyNEST 2D-R allows you to define the parts orientations. You may impose certain parts having all the same orientation on the plate.

## Multiple language and platform support

LyNEST 2D-R's user interface supports most popular languages. If you desire a specific language, it's possible to make the necessary translations with a translation software.

LyNEST 2D-R is supported by Windows®, Linux® and Macintosh MacOS® platforms.

LyNEST 2D-R exists in 3 versions :

LyNEST 2D-R Versions	Basic	Standard	Advanced
Number of different size parts	5	10	unlimited*
Total part quantity	100	200	unlimited*
Number of different size plates	2	5	unlimited*
Number of productions per project	2	5	20
Automatic plate selection	•	•	•
Manual plate selection	•	•	•
Cut width definition	•	•	•
Cutting sequence report (HTML)	•	•	•
2D cutting simulation	-	•	•
Advanced material definition	-	-	•
Cost analysis	-	-	•
CNC interface	-	0	0

• : standard    o : optional    - : not available

\* limited by the computer performance

Specifications may change without priory notification.