





Release





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# New features introduced with release X3

### General functions and Supervisor Environment

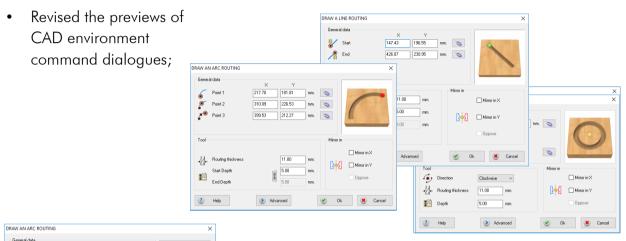
• With the X2 version, a **radical renewal process** began with substantial modifications to the development platform and general revision of the algorithms. In the X3 version this process has been **brought further forward** making the Program clearly more stable.

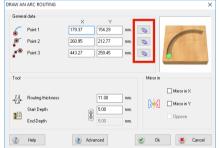


• the new Machine Configuration preview allows new and interesting features.

- License management (codes) has been enhanced: :
  - the codes report creation procedure has been semplified;
  - The procedure for **entering licence codes** has been revised and simplified;
  - the release of a license code for the activation of a new functionality of the program is no longer bound to the creation of the service-disk;
  - with a single set of codes it is now possible to update all the hardware keys held (primary and secondary ones);
- Enhanced toolbar management in the Supervisor, Nesting, Sequences and Part-Program Editor environment;

#### CAD Environment





- Enhanced functionality of **re-selection of the points of an entity through the mouse pointer** with dynamic offset management;
- Keys + and can be used to zoom the panel and arrow keys to move the view (pan);
- The '**Repeat command**' function has been added to the 'Edit' menu with the possibility of assigning the command to an icon on the toolbar;



- In the 3D view of the panel added commands to move the panel in Z (up/down).
- Added information dialog for the objects "Holes row";

#### CAM Environment and Tooling

- Keys + and can be used to zoom the panel and arrow keys to move the view (pan);
- Changes to tool assignment options do not require to exit from the environment;
- Optimization in automatic tool assignment procedures.

### DXF IMPORT - Strategy Layer Import

- Optimized the DXF import processor and enhanced its configuration interface.
- Added the possibility to automatically create emptyings (pockets) during DXF import.

| /ERS  | PROPERTY           | APPLIES TO | ENABLE POCKET          |  |
|---|--------------------|------------|------------------------|--|
| fault   | Tool Number        | - A        | Pocket                 |  |
| 10_1<br>[20_1<br>[35_1<br>[5_1]<br>[8_1]<br>NEL | Tool Code          | E003 🔛 🔛   | Overlap 10.00 2        |  |
| 5_1   | Tool Diameter      | 20.00      | Tool direction Auto    |  |
| NEL   | Hole Depth         | 1.00       | Edge distance 0.00     |  |
| 101_POCKET<br>101_R                             | Countersink height | - B        | Euge distance 0.00     |  |
| 102_INT_POCKET                                  | Start Depth        | 1.00       | - Finish               |  |
| 1_105_C   | End Depth          | 1.00       |                        |  |
|   | In-Feed            | - 🔝 🗖      | Tool Number 109        |  |
| 🕨 🗶 🛛 🗭 Modify                                  | Work-Feed          | - 🖪 🗌      | Tool Code -            |  |
|   | Rotation Speed     | - 🕅 🗌      |                        |  |
| layer options                                   | Priority           | 100 📓 📳    | Lead-in / Lead-out YES |  |
| DEF PANEL DRW                                   | Holes mode         | AUTO       | Depth 5.00             |  |
|   | Hole Through       | NO 🔲 🖉     | Deptn 5.00             |  |
| Current profile                                 | Tool direction     | NO CHANGE  |                        |  |
| ocket   | Tool Compensation  | NORMAL     |                        |  |
| Cfg: Maestro_MSL<br>Atr: DEF                    | Use thickness      | YES 🔝 🖾    |                        |  |
|   | Color mode         | SET COLOR  |                        |  |
|   | Layer Color        | A A        |                        |  |

• Added **automatic starting point adjustment** function for closed shapes to which tool correction is applied.

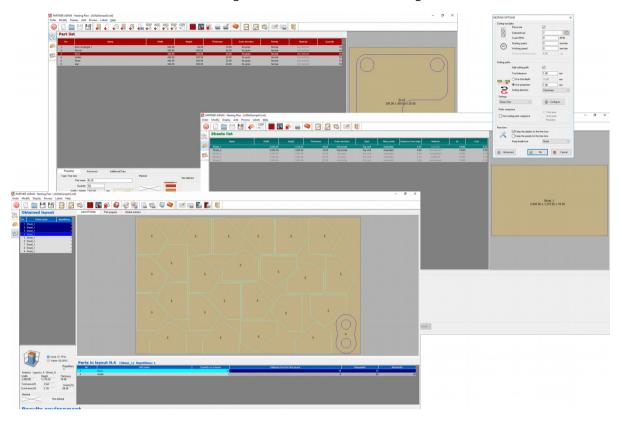
## DOORS Optional Module

• The interface of the DOOR Optional Module has been entirely revised, making it more clear and intuitive.

| Doors creation  |                                    | Doors creation  |                      |          |   |
|---|------------------------------------|---|----------------------|----------|---|
| -Internal mach  | ining type                         | Set tools to be used for the following machinings           |                      |          |   |
|   |                                    | Machining<br>[Mt] - Main                                    | Offset Depth<br>9.50 | Priority | Tools   |
|   |                                    | 🗹 (It) - Internal   | 20.00 9.50           | 2 ~      |   |
| Doors creation  | e Simple Cathedral Reman           | 🗹 (Rt) · Relief   | 9.50                 | 3 ~      | 4<br>103  |
| Door type   |                                    | 🛛 (Ct1) - Clean up external                                 | -15.00 1.50          | 6 ~      | Lead type   |
|   | Full arch Arched left Arched right | ☑ (Ct2) - Clean up external<br>[2nd pass]                   | -20.00 [0.50         | 7 ~      | Load the door tools Load the door tools Save the door tools |
| Simple Mullion Panel Slab   |                                    | [0t1] - Angular external                                    | -5.00 9.50           | 4 ~      | 121   |
|   |                                    | <ul> <li>(0t2) - Angular external<br/>(2nd pass)</li> </ul> | -15.00               | 5 ~      | 121   |
|   |                                    | 🔄 (St) - Slab   | 0.00 9.50            | 1 ~      | ₩<br>102  |
| Simple back pass Multion back pass Panel back pass Stab back pass |                                    | 🔽 (Pt) - Pocket   | 0.00 9.50            | 2 ~      | 103   |
| S Back  |                                    |   |                      |          | 🖉 Ok 🛞 Cancel   |

# NESTING Optional Module

- Nesting module start-up procedure optimization;
- Enhanced interface of the Nesting environment and its dialogs:



- In the Sheet Magazine list, **disabled panels** (not active for the current optimization) are highlighted in a different color to identify them more easily.
- Optimization of Nesting processing;
- Introduced possibility to define custom cutting data specific to each panel:

in addition to the cutting data specified using the 'Processing options' dialog, it is possible to define custom cutting data for each panel, to be used expressly as an alternative to the general cutting data.

|                               | RTNER ASPAN - Nesting Plan - [ASNstSample3.nst]<br>Modify Display Add Process Labels <u>H</u> elp |                                  |                    |                        |            |  | - 🗆 × |  |
|-------------------------------|---|----------------------------------|--------------------|------------------------|------------|--|-------|--|
|                               |   | 🖥 🔗 🚔 🍳 📝 🚳                      |                    |                        |            |  |       |  |
| Æ                             |   |                                  |                    |                        |            |  |       |  |
|                               | Name Width  | Height Thickness Grain direction | Start Filing mode  | Distance from Material | Qt. Cost   |  |       |  |
| E                             | Sheet_1 2,000.00  | 1,219.20 18.00 Horizontal        | Top Left Automatic | 0.00 CILIEGIO          | 10000 0.00 |  |       |  |
|                               | Sheet_2 2,000.00  | 1,200.00 18.00 Horizontal        | Top Left Automatic | 0.00 Not defined       | 10000 0.00 | Sheet_2<br>2,000.00 × 1,200.00 × 18.00 |       |  |
| E                             |   |                                  |                    |                        | 10000 0.00 | 2,000.00 x 1,200.00 x 18.00            |       |  |
| -                             | Sheet_4 2,000.00  | 1,000.00 20.00 No grain          | Top Left Automatic | 0.00 ABETE B           | 10000 0.00 |  |       |  |
|                               | Sheet_5 2,000.00  | 1,200.00 20.00 Horizontal        | Top Left Automatic | 0.00 Not defined       | 10000 0.00 |  |       |  |
|                               |   |                                  |                    |                        |            |  |       |  |
| 1                             | Standard Dut Data Advanced  |                                  |                    |                        | J          |  |       |  |
|                               | Use custom cut data   | Cutting tool data<br>Farce tool  |                    |                        |            |  |       |  |
| Cutting paths Selected tool 2 |   |                                  |                    |                        |            |  |       |  |
|                               | Add cutting path  | Tool's RPM 18,000 RPM            |                    |                        |            |  |       |  |
|                               | Tool tolerance 1.00 mm  | Starting speed 4,000 mm/min      |                    |                        |            |  |       |  |
|                               | O Use tool depth 10.00 mm   | Working speed 4,000 mm/min       |                    |                        |            |  |       |  |
|                               | Use projection     1.00     mm  | Distance between parts 12.00 mm  |                    |                        |            |  |       |  |
|                               |   |                                  |                    |                        |            |  |       |  |
|                               | Magazine environment  |                                  | ۲                  | Confirm 🙁 Cancel       |            |  |       |  |



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