production

Production Plus

The software to create cutting and machinings lists, quickly and easily.

Production Plus is the ideal solution for quickly creating a cutting and processing list by entering the measurements of pieces and machinings, or by recalling parametric items. The software calculates the optimization of bar cutting, also using bars of different lengths, and generates files compatible with all Fom machines, such as sawing machines, machining centers, machining and cutting lines. Moreover, there are available drivers that generate files for machines from other manufacturers. Without requiring a complex data and archives structure, Production Plus makes it simple and fast to transfer production data from the technical office to the machines. Specific file formats allow Production Plus to import production lists from the company's management system, completely automating the productive process.

Main features:

Simplicity: it does not require a complex data and archives structure

Optimization of bar cutting, minimizing waste

Graphic visualization of the 3D piece

Export of the cutting or machinings list to multiple machines

Integrable with the company's management system

Management of offcuts stock

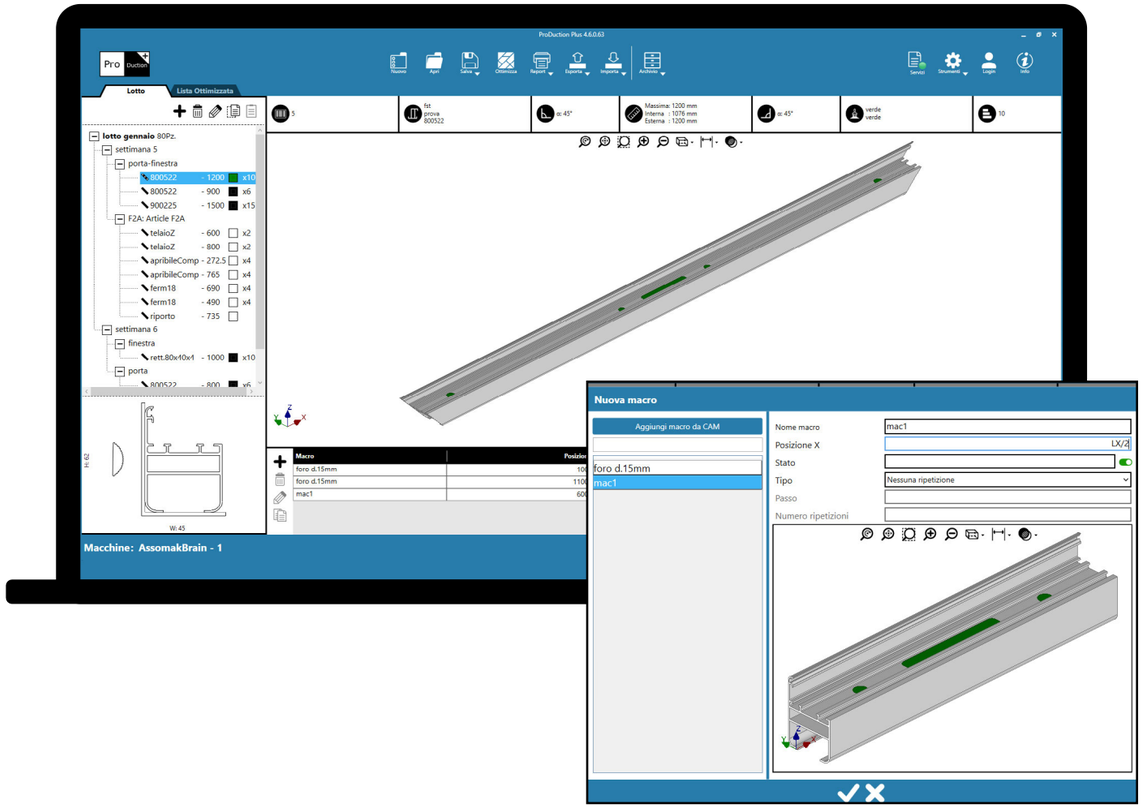
Prints: bars summary, optimized cutting list and piece labels (it requires a dedicated printer)

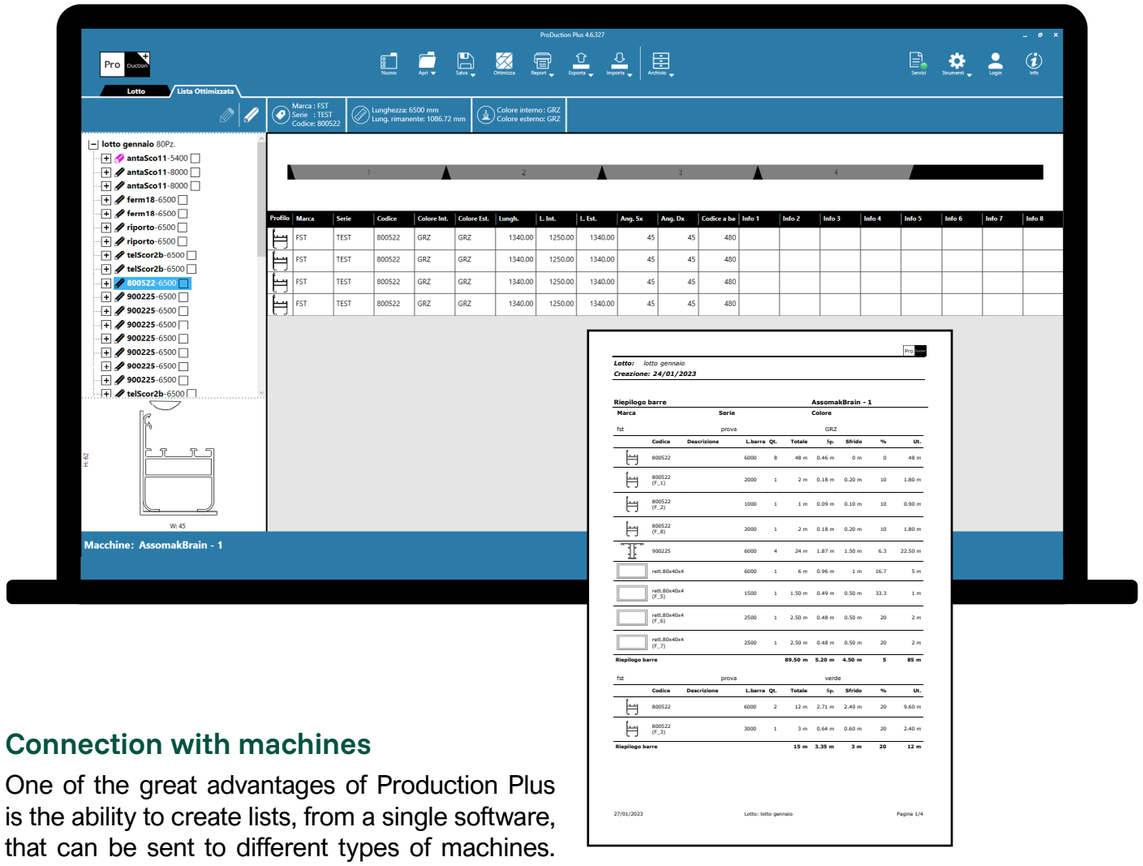
Creation of cutting and machining lists

The Production Plus interface allows for easy creation of a pieces list by defining for each one: profile type, cutting angle and lengths. Machinings can also be defined for each piece, using repetition rules and/ or parametric formulas when necessary. The threedimensional visualization of the piece immediately shows the outcome, resulting in significant time savings and error reduction.

Optimization of the cutting list

Once the pieces list is created, Production Plus generates an optimized cutting list, using both new bars and offcuts. The advanced features of the Production Plus optimizer allow for finding the optimal bar, using bars of different lengths, or managing of bundles cutting.





Connection with machines

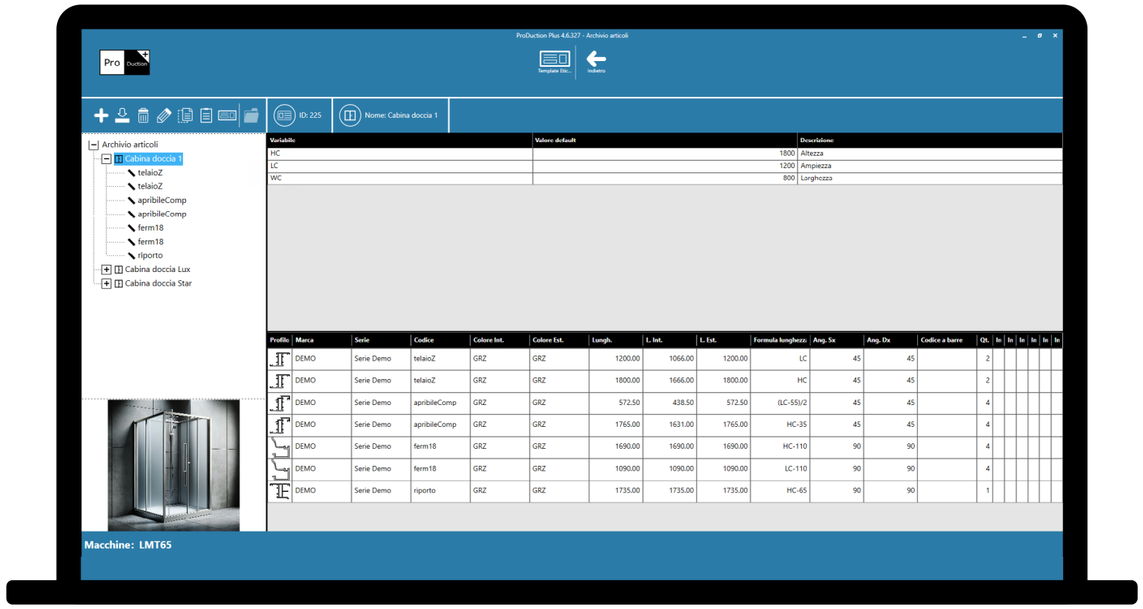
One of the great advantages of Production Plus is the ability to create lists, from a single software, that can be sent to different types of machines. This allows for optimal utilization of each machine's features by sending and reading data, such as macros, from all Fom softwares. Dedicated drivers enable the integration of the software with machines from other manufacturers as well.

Parametric Articles

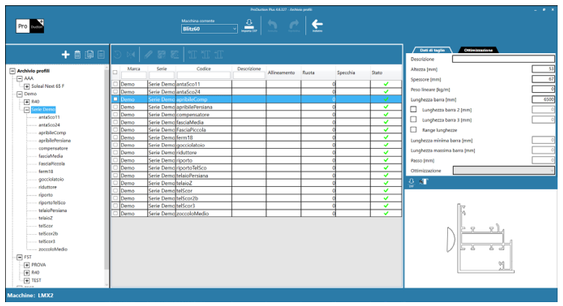
Production Plus manages parametric articles composed of multiple pieces whose dimensions or machinings are referenced to the parameters of the article. The articles are stored in the software archive, and when recalled during the creation of a list, the contained pieces are recalculated, based on the new parameters, and added to the list.

Integration with management software

In order to integrate the product with companies' computer systems, Production Plus is capable of importing files generated by the company's ERP systems containing lists of pieces to be produced or lists of articles and their respective parameters. This way, Production Plus becomes the link between the company's management system and the machines in the workshop.



Profile on Blitz machine



Same profile on Keope machine

