

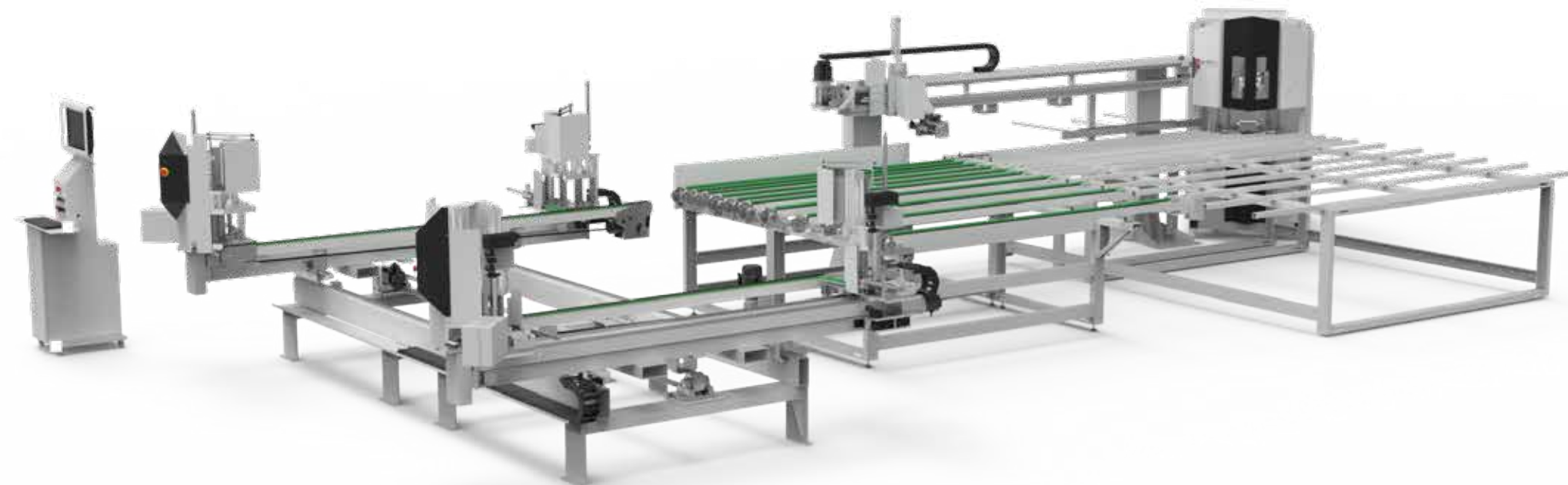
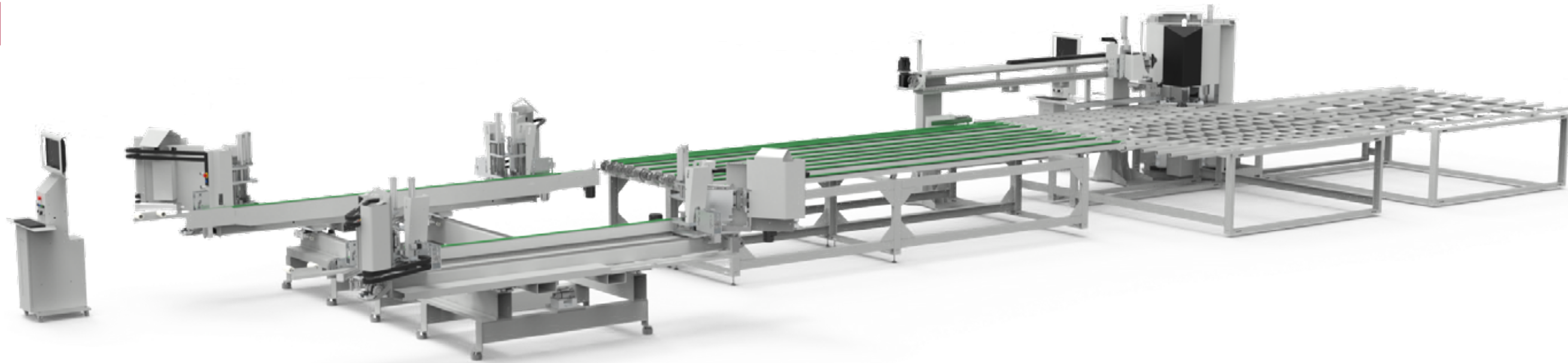
WELDING AND CLEANING

LINEA 40

The system, which comprises 4 headed welding machine, cooling table, cleaning unit and piece turning table, is commanded entirely by a numerical control. An automatic unloading table can be added on request. Average productivity is 160-240 panels for 8 hours, according to the level of line automation. A number of versions are available with alternative configurations of the type of welding unit, size of cooling table and type of cleaning unit and with movement to the right or to the left.

INDUSTRY 4.0
READY

pQ Stat



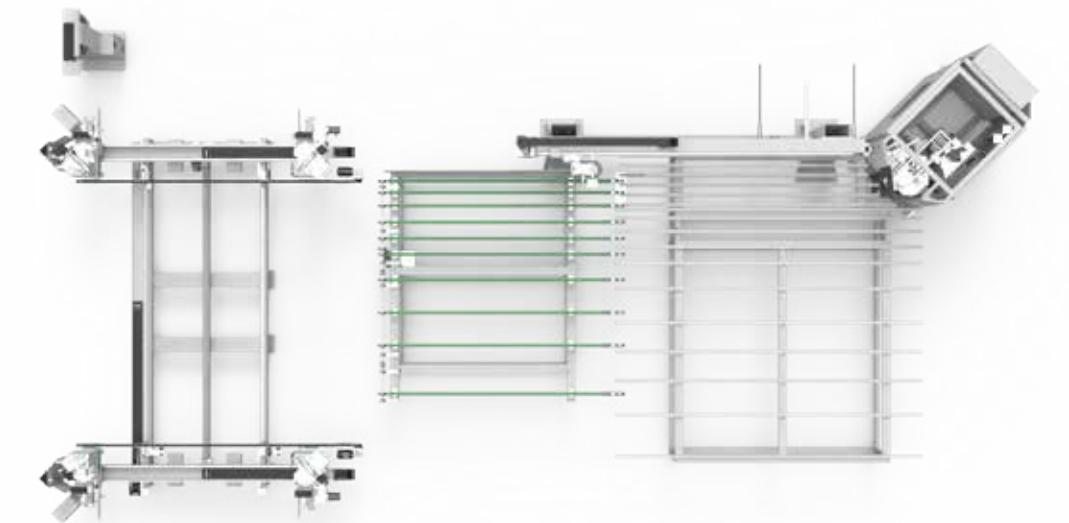
CONFIGURATIONS

WELDING UNIT
QUAD OS 4/12/12M/9045

COOLING TABLE
TT3/TT4/TT6

PIECE TURNING TABLE
TGV

CLEANING UNIT
FRT5/CORNERLAB 23/45



LEANING

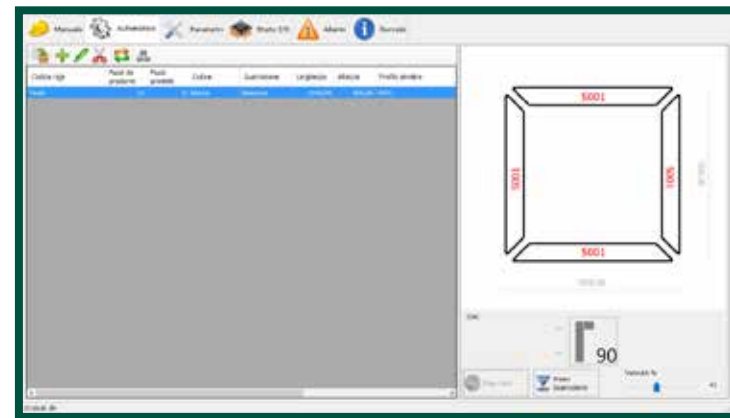
SOFTWARE

PQFrame is a CAM program for management of PVC profile welding.

The CAM installed on the machine's on board PC allows the welding unit to be connected and receives the production lists from the office. The connection also enables any remote diagnostic activities.

PQFrame receives the data for the panels to be welded and transforms it into operating instructions for positioning of the welding heads.

The data for the welded panel can be transmitted to PQClean to identify the subsequent welding bead cleaning operation.

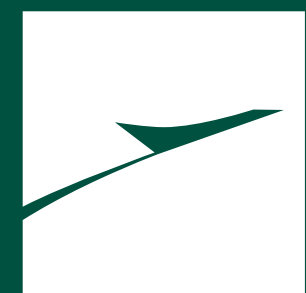
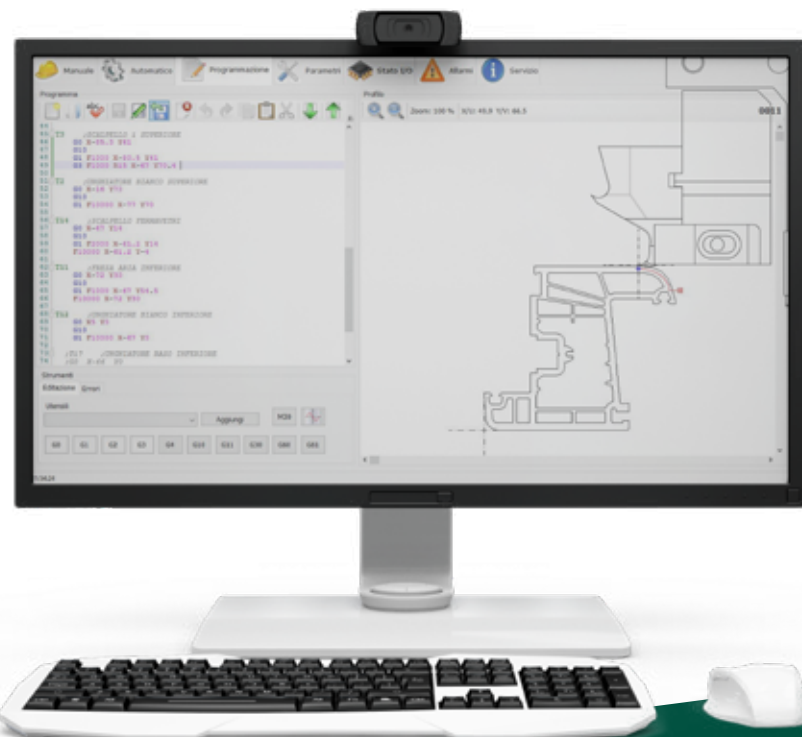


PQClean is a self-learning CAM program that guides the operator in proper programming of the tools for cleaning operations on the welded corner.

The CAM, installed on the machine's on board PC, allows 2D viewing of the profile and the available tools.

Using the extremely intuitive graphic interface it is easy to set the tool path, which will be translated by PQClean into pre-compiled ISO instructions to create a machining program.

Management of profile change is very fast and the machine's on board PC can store a large number of profiles and programs. For a connected machine, PQClean is able to receive production lists created in the office and can also communicate the data necessary for remote diagnostic activities externally.



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