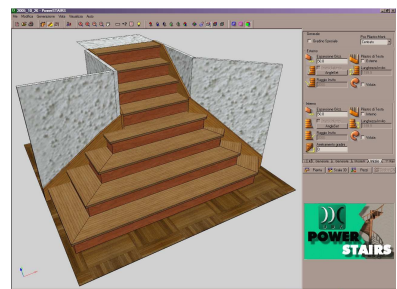
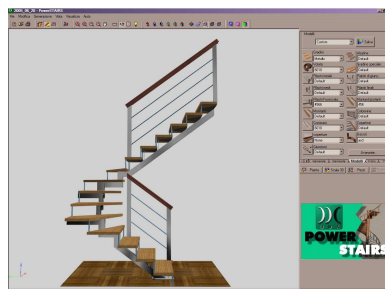
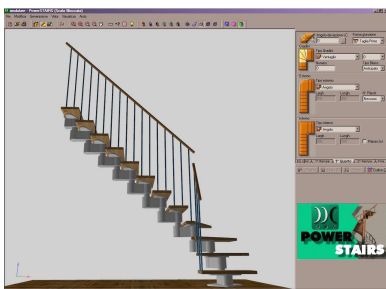
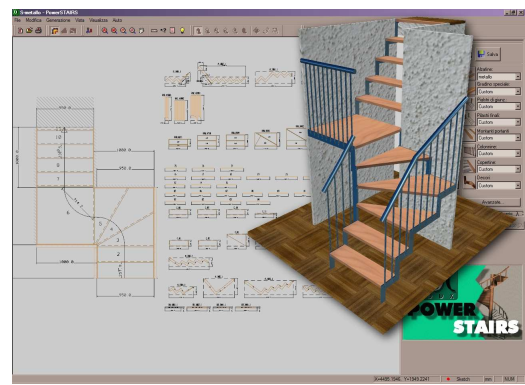
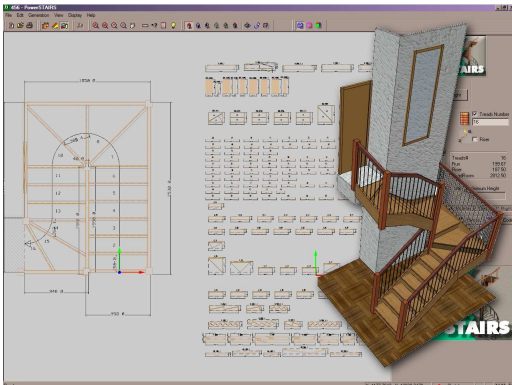
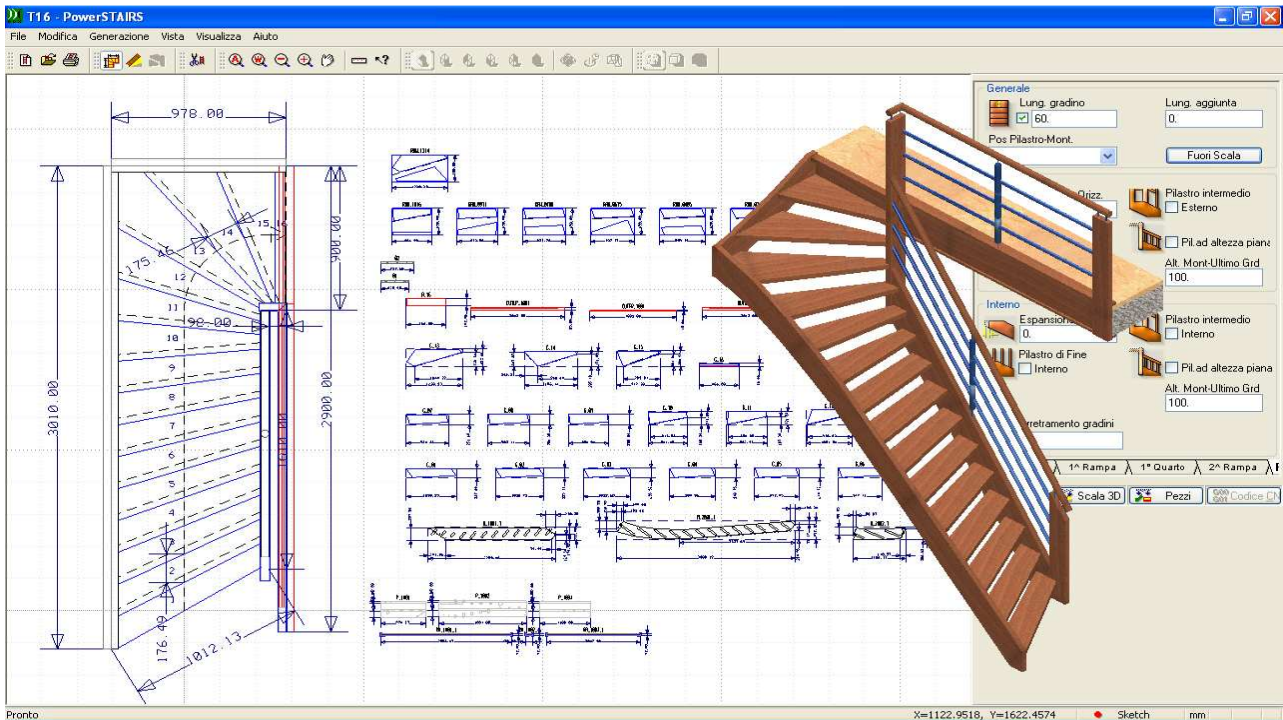




PowerSTAIRS Info Sheet





POWERSTAIRS is the ideal CAD for the parametric design of standard and custom-made staircases. With the aid of **POWERSTAIRS** realizing a staircase is really within everybody's reach; the Customer doesn't need to draw any part, he simply has to choose the staircase type and enter the proper data (dimensions, etc.). **POWERSTAIRS** allows to design straight, "L-shaped", "U-shaped", "S-shaped", spiral, circular, five and six flights staircases directly by intuition.

With **POWERSTAIRS** the Customer can project coverings, self-supporting staircases with wooden or iron handrails, stringers, racks, modular, laser-cut stringers etc., with all the elements to assemble it.

POWERSTAIRS manages out-of-squares, balustrades, recesses for pillars, walls niches, radiuses, fillets and bell shapes; it also automatically generates straight, curved, balanced and winder treads, footpases, risers, rack and closed stringers, posts, handrails, columns, staff beads, covers, joints, etc. All those pieces contemplate the necessary machinings (drillings, mortises, tenons, etc.) to assemble the stair.

POWERSTAIRS generates the estimate of costs and the raw cutting list; it carries out the scale print-out (also 1:1 and with scroll option) of each workpiece with relevant dimensions. **POWERSTAIRS** coupled to **STAIRSCAM** generates automatically the NC-programs for the machining of workpieces onboard the machining centre. **STAIRSCAM** also includes the graphic simulation to verify the tool-paths.

POWERSTAIRS is an indispensable tool for every woodworking reality, both for manufacturing carried out by craftsmen and numerically-controlled machining centers.

POWERSTAIRS is a first-class aid to the marketing of staircases: every joiner's workshop can store its own catalogue of the materials, of the prices, etc. It can also generate estimates, confirmations of orders and print-outs of the staircase designed.

POWERSTAIRS has also a 3D rendering that allows to show a photo-realistic picture of the staircase project.

Thanks to the three-dimensional display and other visualization modes **POWERSTAIRS** can also be used by the commercial department, offering the Customer the opportunity to verify immediately whether the staircase has been designed to his liking. In order to do so, the salesman has only to select from the digital catalogue the model the Customer is interested in and enter its dimensions. Another method is loading a staircase already resident in the files and use it as a starting point for the new design. When the design is completed, it is possible to transfer the newly generated files to the staircase factory that, after possible checks, can immediately start manufacturing the staircase. With **POWERSTAIRS** it is possible to offer a quality service ensuring a high satisfaction level as well as a great cut in prices.

POWERSTAIRS installed on a laptop provides the same service at the Customer's house.



WHICH BENEFITS DOES IT OFFER?

- *IT REDUCES THE TIME OF COSTING AND PROJECT PHASES*
- *IT REDUCES THE POSSIBILITY TO MAKE MISTAKES (for instance it avoids the oversights)*
- *IT REDUCES THE TRAINING TIME*
- *IT REDUCES THE COSTS*
- *IT INCREASES THE PRODUCTIVENESS*
- *IT INCREASES THE COMPETITIVENESS*
- *IT GUARANTEES QUALITY AND PRECISION OF THE FINISHED PRODUCT*
- *IT SIMPLIFIES THE USE OF CNC MACHINING CENTRES*
- *EVEN THOSE WHO DON'T HAVE PARTICULAR KNOWLEDGE OF COMPUTER-AIDED DESIGN WILL BE ABLE TO DESIGN STAIRCASES*
- *ANYBODY CAN LEARN HOW TO USE POWERSTAIRS*

