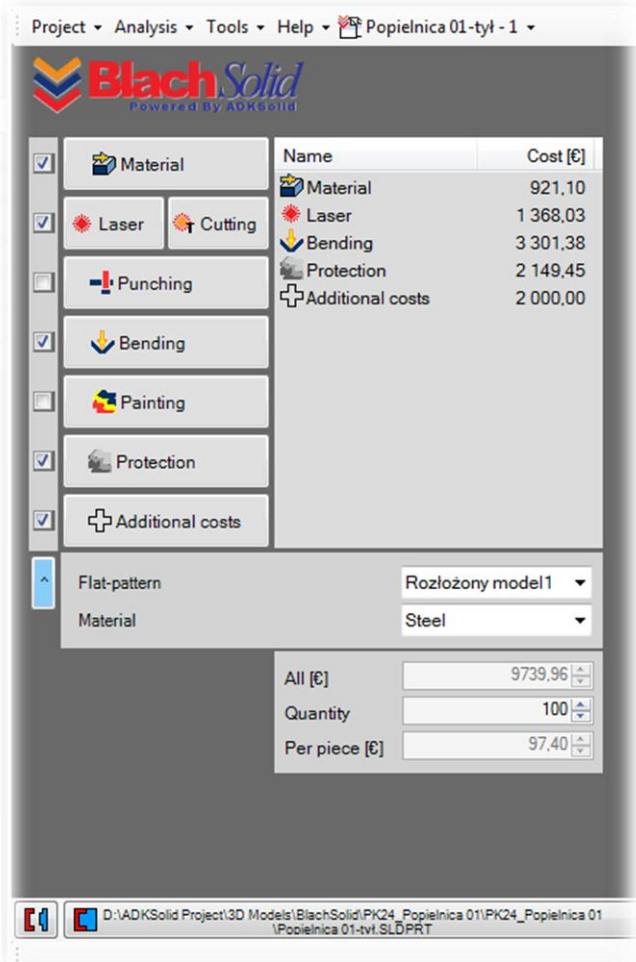


BlachSolid – cost estimation during sheet-metal part design



BlachSolid is a fully integrated SolidWorks® add-in which purpose is to help the User in calculating and controlling manufacturing costs during sheet-metal part design in 3D CAD system. By working with BlachSolid, that uses information included in the model of the part prepared in "Sheet metal" tool, the designer and/or process engineer can estimate cost of material, manufacturing cost or cost of protection (covering) of the designed part.



BlachSolid includes the following Calculators: Material, Laser, Cutting Tech., Punching, Bending, Painting, Protection: zinc plating, electroplating, chromium plating, sand blasting, blackening and Additional costs.

*Not all data is to be calculated manually - save your time and your employee's time.
You are able to afford modern tools - INVEST in productivity and competitiveness!*



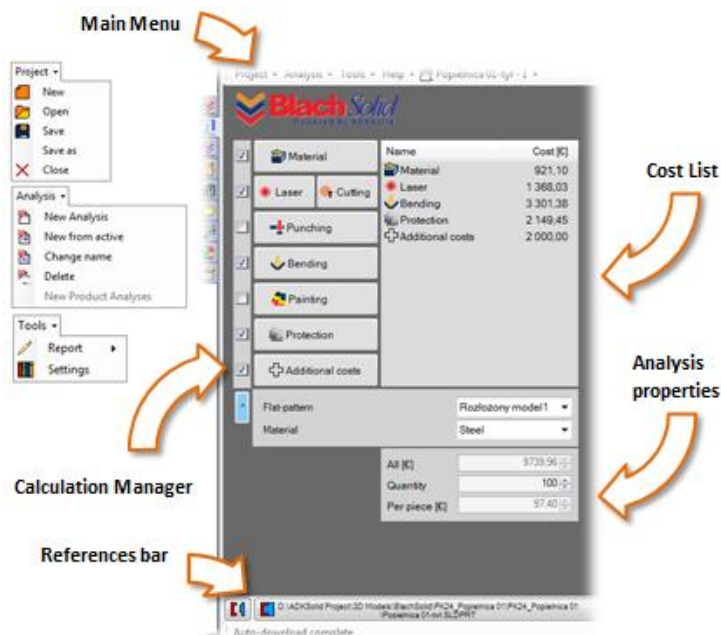


BlachSolid – cost estimation during sheet-metal part design



Cost estimation by using **BlachSolid** involves:

- defining type of material, production capacity and choosing cutting operation of the model;
- selecting proper Calculator;
- complementing the selected Calculator with the information about the cost component and other data that can be taken directly from the 3D model of the part;
- saving the calculation on the Cost List.



BlachSolid enables the User to:

- calculate costs in the selected operation mode:
 - manual – in which each component of the cost and its data are set and collected by the User,
 - auto – in which components of the cost and its data are collected automatically from the default settings/values panel and from the 3D model of the part,
 - before starting modeling of a sheet metal part – so called "No model" operation mode,
 - during the design – so called "Real-time" operation mode,
 - after working with the whole design – so called "Final valuation" mode;
- create many cost Analyses in one Project saved on the PC hard drive;
- add and delete references of the analyzed SolidWorks® model to the Analysis;
- set default values for cost Calculators,
- adjust parameters of the calculation to conditions prevailing in the enterprise,
- generate summaries in a form of clear and readable reports.

