

The Should Coster



PRODUCT COSTING SOFTWARE

Cost estimation for anyone
at any stage

DO YOU RECOGNIZE...

After a long period of engineering, quotes from your suppliers often come as a negative surprise to you. During & after the design process, you would like to have a better feeling for manufacturing costs to decide what's best for your product. But how do you estimate product- & tooling costs? Especially when you don't have enough data to get a detailed estimate yet?

COST ESTIMATION MADE ACCESSIBLE

The ShouldCoster offers a clear framework to estimate product costs in a simple and intuitive way. With our guided estimation module, everyone can make cost estimations!



Expert-user costing tool

Are you an experienced cost engineer, looking for tooling to create detailed cost calculations in a consistent way? Have a look at our Calculation module on page 5.

Find out how



The ShouldCoster provides structure and consistency in your cost calculations. Calculating the costs of raw materials, manufacturing steps & overheads in a structured manner, using a clear database of material costs, machine rates and labor wages.

Based on inputs of part properties and dimensions, materials and process steps, the ShouldCoster calculates product costs, accounting for lot sizes, production locations and many more. Clear results and cost driver analysis helps to improve costs & manufacturability.



CALCULATION & ESTIMATION THE CRITICAL DIFFERENCES

COST ESTIMATION

*Intuitive & Consistent
cost estimates by anyone*

- Quick & Rough Cost estimates
- Guided calculation approach
- Clear, fixed Inputs
- Consistent Results

COST CALCULATION

*For the Experienced
Cost Engineer*

- Detailed, activity based calculations
- Customizable calculation approach
- Extensive & flexible inputs
- Accurate results

ESTIMATION MODULE

Cost Estimation for Anyone

Cost estimation can help you get first insights in the costs of a (new) product or concept.

The estimation module of the ShouldCoster provides a guided, step-by-step approach for rough cost estimates. The QuickFill module guides its users through a set of clear inputs on product attributes & dimensions and translates them automatically into material & manufacturing cost.

How it works

The user is asked to select the rough shape & material of the part. The software then guides the user through possible manufacturing methods and requests the necessary inputs accordingly. All inputs are product-oriented, and should be answerable from any sketch or drawing. For each input, more information is available via the help menu.

No costing experience is needed



Letting every engineer create rough cost estimates themselves brings awareness of the impact of every concept & decision, enables real Design to Cost, and relieves the workload of your cost engineering department

CALCULATION MODULE

Cost Calculations for Experts

Cost calculation can help you get detailed information about the manufacturing costs of a product or concept.

Our activity-based calculation module provides an intuitive framework for all your cost calculations. For experienced cost engineers the ShouldCoster is a helpful tool to perform cost calculations in a few simple steps. Our cycle time and tooling cost calculators ensure consistency & traceability, and can save you a lot of calculation time.

For Whom?

Accurate calculation of product cost of course requires experience in costing. Our software provides a structured & consistent calculation approach while leaving all freedom for your own knowledge & expertise. In the end, you know your product best.

How?

Our software contains templates for detailed calculation of machine requirements & cycle times of many common processes. Any other process can be calculated using the custom templates. Material properties, as well as rates of raw materials, machines, labor & overhead can be easily copied from the masterdata. After finishing a calculation, the results are shown in a concise overview, and can easily be exported to PowerPoint, Excel & PDF



SOFTWARE

WHY YOU SHOULDN'T USE EXCEL...

Structure & Consistency

In dedicated costing software, input fields are fixed in a particular order and divided in coherent calculation steps. Thus, forcing readable and consistent calculations.

Easy & Failsafe Maintenance

Consistently referencing the same masterdata in all your calculations makes maintenance of calculations and updating results a piece of cake.

High Credibility

Apart from ease of use and structure software brings to your company, professional costing tools also strengthen your position in external contacts & negotiation. Consistent & nicely formatted results increase your credibility.

Risk of Errors

Dedicated costing software with fixed & hard-coded equations is less prone to errors than unprotected Excel sheets.

Reporting & Insights

With every calculation having exactly the same setup and structure, consistent reporting on a large scale & generating company-wide insights becomes a lot easier.

VS EXCEL

...FOR YOUR COST CALCULATIONS

Layout and Formatting Problems

After hours of work, you've created the perfect Excel sheet, but after sharing it with your colleagues you notice overwritten equations and awkwardly positioned inputs. Often resulting in a cluttered excel sheet which is hardly readable for outsiders.

Complex & Time-Consuming Maintenance

Maintaining a large portfolio of calculations or simply updating one cost factor can be a very time-consuming task using excel based models.

Poor Credibility

Detailed cost models can be valuable in many ways. Inside your company for budgeting and optimization purposes, as well as externally in sales and procurement for quotation and supplier negotiations. However, home-made Excel models often have poor credibility among your suppliers, and might look somewhat unprofessional.

Risk of Errors

Moving just one cell or miss typing one input can ruin the entire model, which is averted by built-in feasibility checks & fixed inputs of dedicated software.

Reporting & Insights

Translating your numerical Excel sheet in a visually attractive presentation for your colleagues or externals can be a time-consuming process.

THE SHOULD COSTER FIRST GLANCE

Simple, intuitive & user-friendly are our core values
Therefore, we kept our cost reports & user interface
as clean & clear as possible.

Navigation

Navigation to get quick access to the different processing steps.

Result Overview

View the results of your cost calculation.



Detailed inputs

Input your part and calculation data.

Reporting

Open previous calculations, save and report.

Notes

Some space to leave your notes.

THE MASTERDATA

What's behind the ShouldCoster



MACHINES & RATES



REGIONAL DATA (Floorspace, energy, labor)



MATERIAL CLASS PROPERTIES



BASIC MATERIAL RATES

Accurate data is very important in cost calculations. Therefore, the ShouldCoster comes with an extensive database of materials, machines, regional data and more. But chances are your company also has its own in-house knowledge about the costs of materials or buy parts.

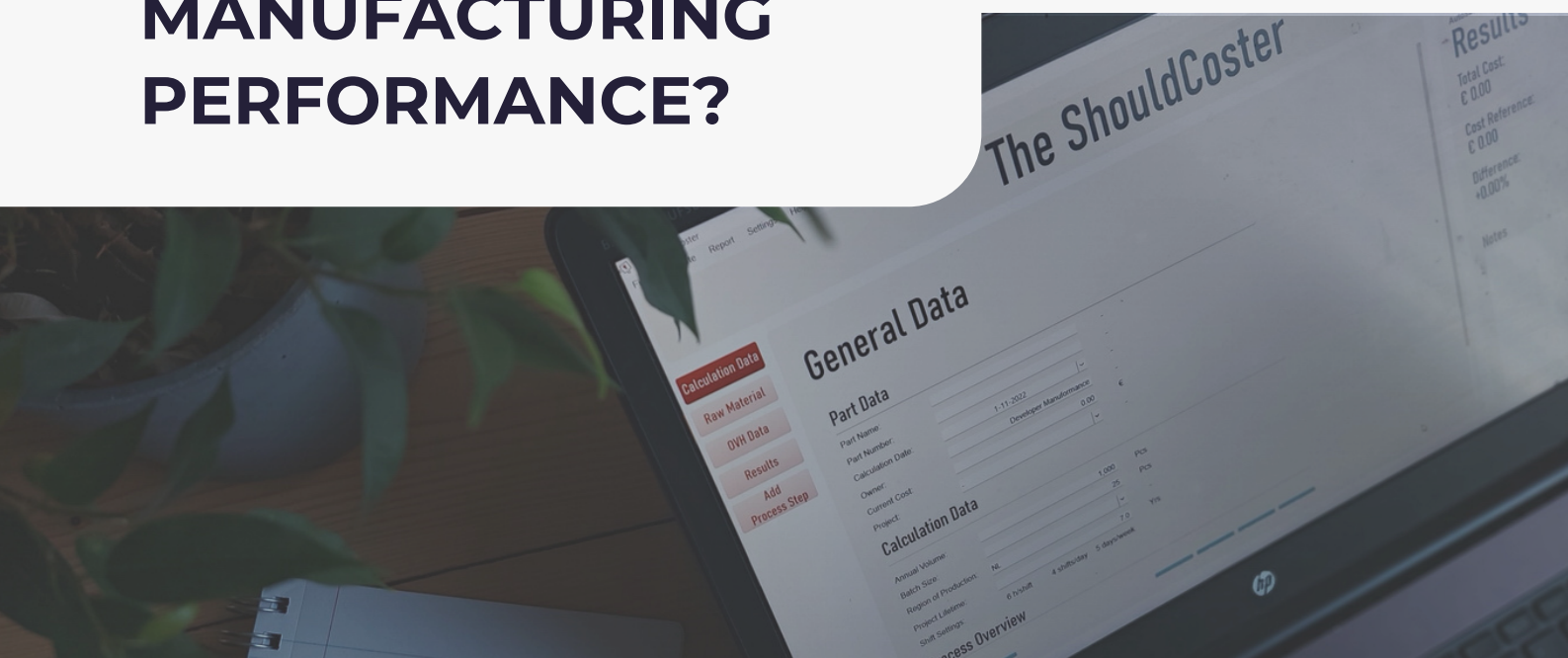
The ShouldCoster comes with a fully customizable database, allowing for easy implementation of your own data. In our masterdata editor, administrators can control the materials or machines available to your users, and even assign separate data per project or calculation date.

ABOUT MANUFORMANCE

Manuformance is a dynamic & innovative consultancy agency based in Eindhoven. Product cost reduction, value engineering and cost estimation are our expertises.

We help our customers improve their product designs, manufacturing processes & procurement strategy to improve products, reduce production costs and increase profit margins.

HOW CAN WE HELP YOU OPTIMIZE YOUR MANUFACTURING PERFORMANCE?



MORE ABOUT VALUE ENGINEERING

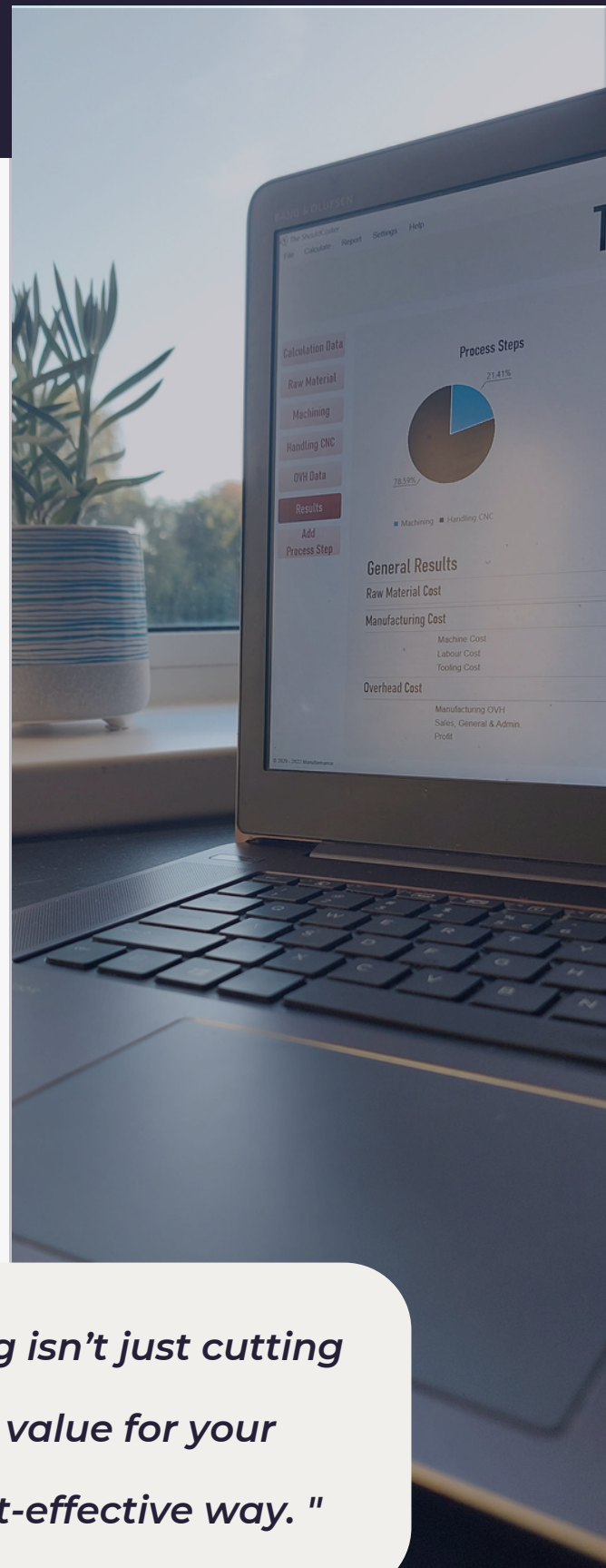
Product development can be hectic. Satisfying all functional requirements, often within limited time & budget, always is a challenge.

Value Engineering provides the tools to take a step back and have a fresh look at your product, leading to new insights & ideas.

Improve your product and add customer value while simplifying manufacturing & assembly.

Would you like more information on value engineering? Or could your company use some help save costs and making cost & value tradeoffs?

Have a look at our services on www.manformance.com, or contact us now!



" Value engineering isn't just cutting costs. It is creating value for your customers in a cost-effective way. "

MORE INFO?

Feel free to contact us via the details below
or visit shouldcoster.com

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