

decrease manufacturing costs

decide where it matters

full cost control



KingCost

cad centric cost management

gain overview

meet target costs

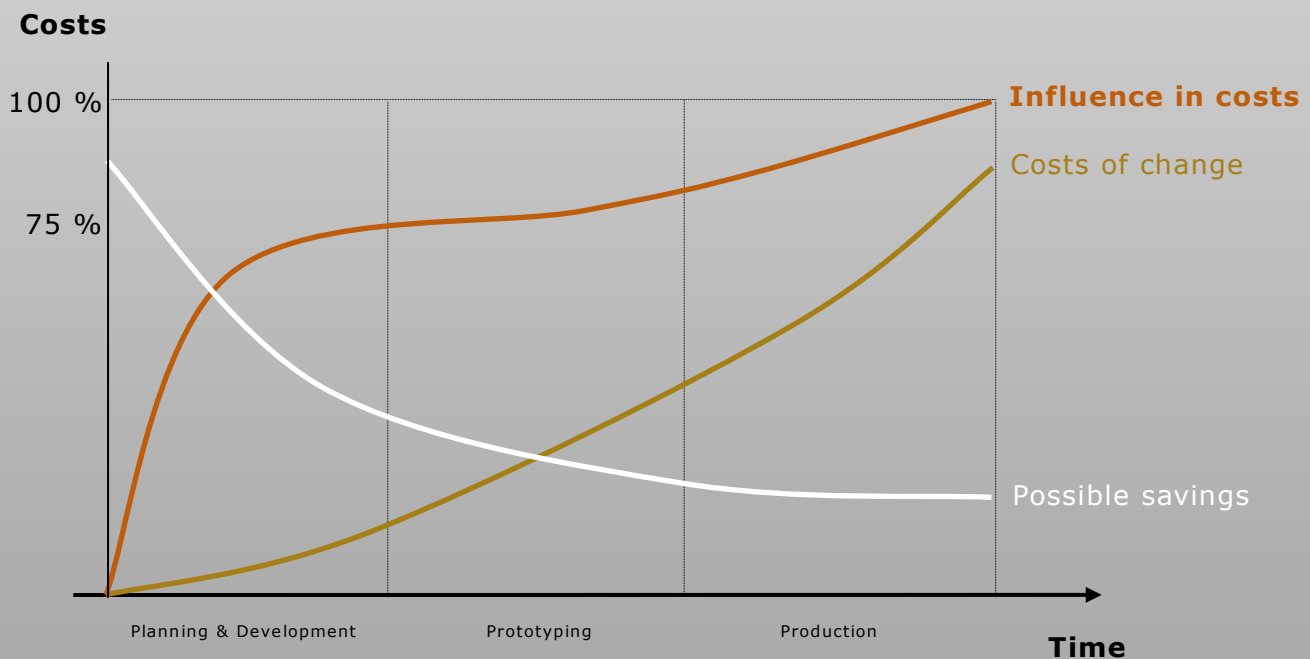
increase cost certainty

Cost management

Did you ever ask yourselves the following questions?

- ☀ Do you understand the manufacturing costs at every stage of your product development?
- ☀ Do you meet the target costs of your projects?
- ☀ Do you know the dependability of your estimates?
- ☀ How quickly can you identify cost driving factors even during the construction stage?
- ☀ Do you waste time updating parts lists?
- ☀ How close is the cooperation between purchasing and construction?

Cost management becomes ever more important in times of globalization and worldwide competition. It is well known that 75% of the manufacturing costs of a product are determined in the initial development phases. It is all the more startling that few enterprises operate an active cost management system. Probably the best-known method for successful cost management is called target costing. Target costing is a strategic cost planning system, management and control instrument, with the goal of determining the cost factors during the product life cycle and improving the competitiveness of the company.

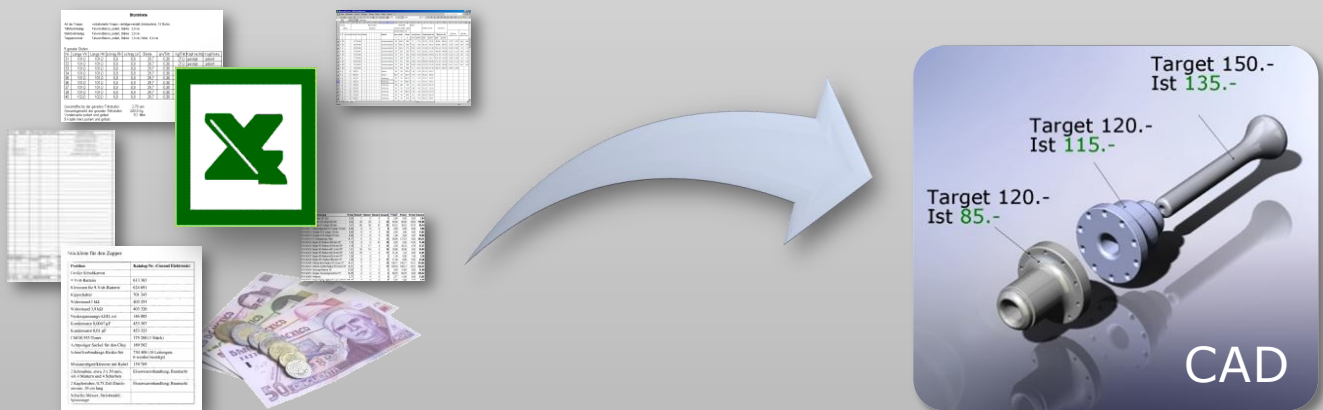


KingCost sets new standards in target cost management. **KingCost** supports you right from the beginning of development through total integration into your CAD – because the greatest savings potential is in the development phase. You immediately have all price information directly in the CAD and accessible at any time. This will make your employees more aware of prices. With **KingCost** you achieve complete cost transparency and thereby minimize the risks that the manufacturing costs will be too high.

Project management

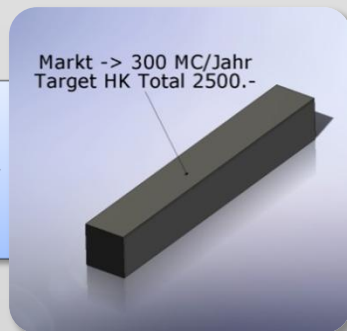


With **KingCost**, the development department, the project manager and the buyers use the same cost information. Modified or new construction parts are immediately integrated into the cost calculation. The CAD data can be opened directly. The effects on construction changes and variants on manufacturing costs are evident in real time.

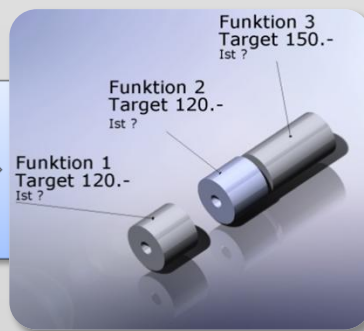


Response Time / Speed	Security / Transparency	Administration / Effort
The centralized database guarantees that engineering changes are available in real time to everyone involved in the project. Through the continuously updated cost overview, the source, reason and amount cost generated are available at any time. KingCost eliminates all cycles which can cause delays.	<p>The integrated reporting and analysis functions give you information on the resulting costs at any time.</p> <ul style="list-style-type: none"> Parts without price Portion of estimated parts Parts with a saved offer Cost allocation 	No costly or error-prone updating of Excel part lists. KingCost based evaluations are always current. Critical cost information is immediately visible.

The market dictates the price. The target costs are distributed via various sub-functions of the total product. KingCost records target and estimated costs directly in the CAD during the development of new parts. Firm prices of suppliers can also be saved. It thereby refines the cost information with the CAD model. The development department has at any time full cost transparency of the accumulated manufacturing costs.



1. Placeholder



2. Detailed placeholder



3. CAD Modell

🌀 **Live cost control!**

🌀 **Full cost transparency!**

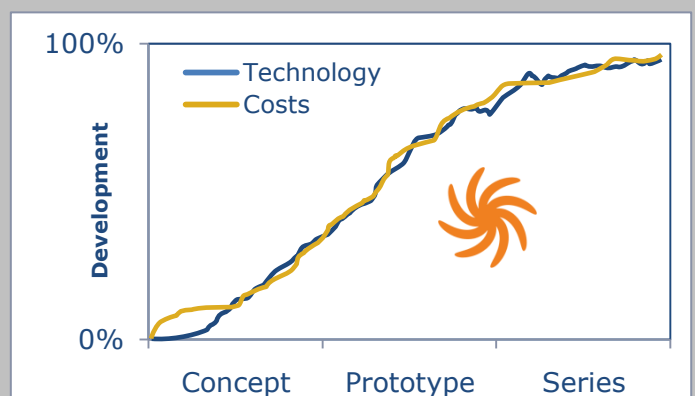
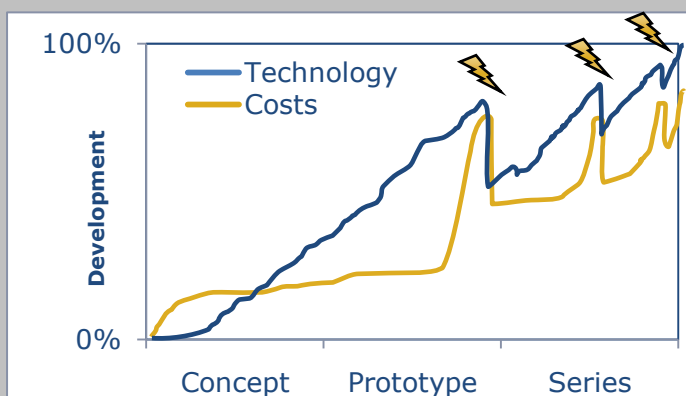
Cost security improves right along side of the technical development. Costs can be analyzed in terms of entire machines, machine parts or groups of goods. All cost information can additionally be transferred to PDM or ERP systems. The database you create will guide you more quickly and confidently towards the goal with each subsequent project. With **KingCost**, you promote structural competence as well as costing know-how at your company. And these competencies are sustainable!

Project *without* KingCost

The state of knowledge of costs incurred is behind the construction progress. Technical development often resembles a blind flight in terms of costs. Cost overruns force structural changes and require a lot of time

Project *with* KingCost

You can analyze costs incurred directly after you define the target costs of the machine. Predominantly estimate-based costs are continuously replaced by quoted prices. Surprises do not happen.



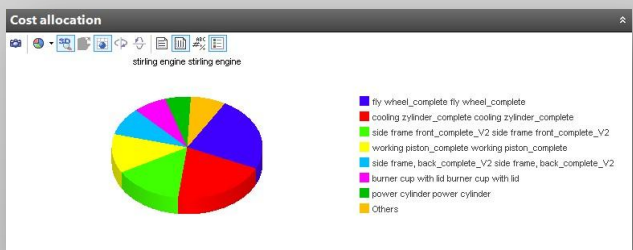
Cost analysis

Analyze and reporting possibilities



Simple and understandable statistics help you to achieve maximum cost security.

- Parts without price
- Portion of estimated parts
- Cost allocation



Classes

Class	Price per unit
Blechbearbeitung	0.00
Drehen	236.00
Elektro	0.00
Fräsen	0.00
Guss	0.00
Materialgemeinkosten	0.00
Mech. Antriebsleim.	0.00
Montagebaugruppe	0.00
Montanekosten	0.00

Items of this class:

Name	Number	Target cost	Price per component	#	Price
black plastic bushing	black plastic bushing	3	3.50	6	21.00
burner cup_base	burner cup_base	12	15.00	1	15.00
burner cup_lid	burner cup_lid	10	14.00	1	14.00
connecting pipe	connecting pipe	12	14.00	1	14.00
drive wheel	drive wheel	8	7.00	1	7.00
fly wheel	fly wheel	35	32.00	2	64.00
heating cylinder	heating cylinder	20	21.00	1	21.00
hex distance piece, size5.5	hex distance piece, size5.5	2	2.80	1	2.80
hex distance piece, size5.5	hex distance piece, size5.5	3.5	6.50	1	6.50
hex distance piece, size7	hex distance piece, size7	0.4	0.35	2	0.70
power cylinder	power cylinder	25	23.00	1	23.00
rocker arm shaft	rocker arm shaft	3.8	4.50	2	9.00
working piston	working piston	35	38.00	1	38.00

Cost allocation to categories of goods. For example, view the cost level of all sheetmetal parts at a glance.

KingCost analyzes the manufacturing cost allocation over the machine functions.

- Cost allocation
- ABC-Analyse

Within the assembly structure, **KingCost** shows the manufacturing cost composed of individual part costs

KingCost

Price for 1 unit

Name	Number	Configuration	Class	Supplier	Target cost	Price per component	#	Price
string engine_complete_01	string engine_complete_01	Standard			3000	752.48	1	752.48
others	others	Standard			760	224.00	1	224.00
revolve	revolve	Standard			300	90.00	1	90.00
assembly	assembly	Standard			200	250.00	1	250.00
material overhead costs	material overhead costs	Standard			200	20.00	1	20.00
packaging	packaging	Standard			30	14.00	1	14.00
string engine	string engine	Standard			1243.1	455.48	1	455.48
drive wheel	drive wheel	Standard			8	7.00	1	7.00
hex distance piece, size5.5	hex distance piece, size5.5	Standard			3.5	6.50	1	6.50
hex distance piece, size5.5	hex distance piece, size5.5	Standard			2	2.80	1	2.80
power cylinder	power cylinder	Standard			25	23.00	1	23.00
base_complete	base_complete	Standard			130	11.42	1	11.42
hex distance piece, size7	hex distance piece, size7	Standard			0.4	0.35	2	0.70
base	base	Standard			35	7.00	1	7.00
rubber foot	rubber foot	Standard			1.5	1.00	3	3.00
hex screw M4x25	hex screw M4x25	IS			0.22	0.20	2	0.40
washer	washer	Standard			0.15	0.16	2	0.32
burner cup with lid	burner cup with lid	Standard			25	38.00	1	38.00
burner cup_base	burner cup_base	Standard			12	15.00	1	15.00
burner cup_lid	burner cup_lid	Standard			10	14.00	1	14.00
work	work	Standard			0.5	1.10	1	1.10
cooling cylinder_complete	cooling cylinder_complete	Standard			425	84.15	1	84.15
counterwork screw...	counterwork screw M4x20	IS			0.15	0.12	2	0.24
counterwork screw...	counterwork screw M4x20	IS			0	0.00	4	0.00
counterwork screw...	counterwork screw M4x20	IS			0	0.00	4	0.00
fly wheel_complete	fly wheel_complete	Standard			130	49.18	2	98.36
head screw M2.5	head screw M2.5	IS			0.2	0.18	4	0.72
shaft	shaft	Standard			2.5	3.60	1	3.60
side frame front_complete_V2	side frame front_complete_V2	Standard			125	62.12	1	62.12
side frame back_complete_V2	side frame back_complete_V2	Standard			125	37.12	1	37.12
working piston	working piston	Standard			35	38.00	1	38.00
working piston	working piston	Standard			35	38.00	1	38.00
connecting rod	connecting rod	Standard			12	10.00	1	10.00
pin 1.5x4	pin 1.5x4	Standard			0.5	0.40	1	0.40

Details

Number: burner cup_lid

Class: Drehen

Material: AlMgSi 0.6

1 piece is needed for 1 unit.

Quantity	A	B	C	D	Tool	Notes
Target cost	10					
Estimated						
Offered	11					

Cost safety

Offered: 100.0% (10/10.00) of costs

Estimated: 100.0% (10/10) of components

No price: 0.0% (0/10) of components

Cost allocation

burner cup with lid burner cup with lid

Legend:

- burner cup_base burner cup_base
- burner cup_lid burner cup_lid
- work work

To ease the navigation, **KingCost** shows a picture of the selected parts and assemblies.

Target cost, estimated cost and actual cost are recorded for each part. Offers in other currencies by different suppliers can be optimally compared.



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