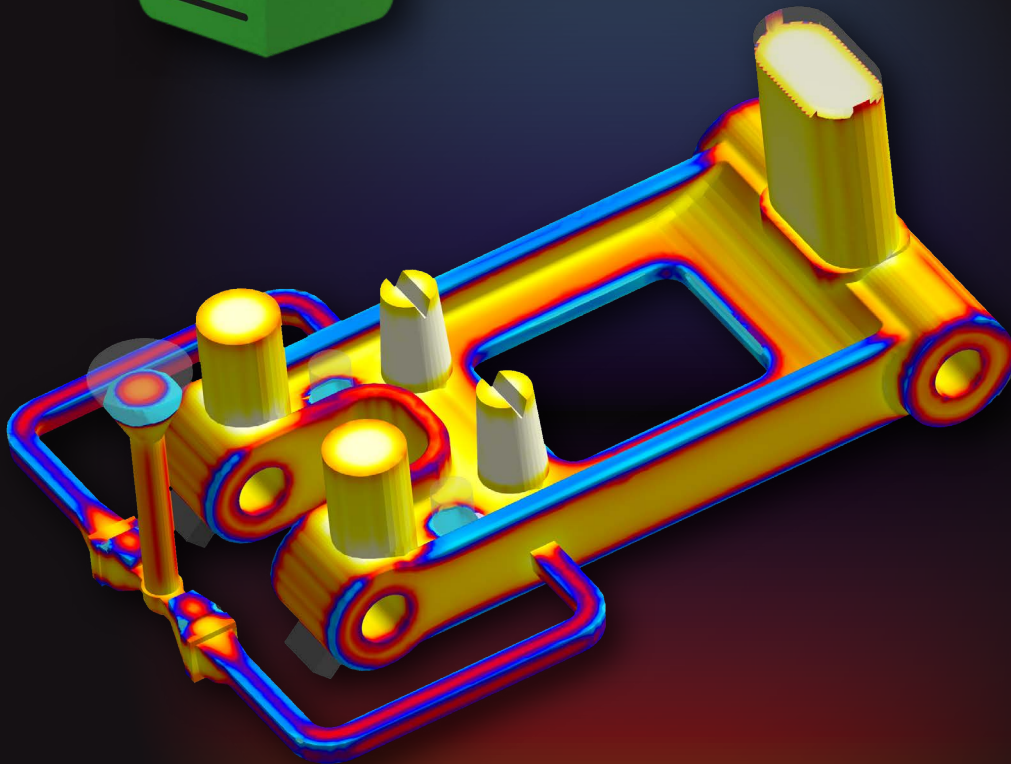


Overengineered!?!

MAGMA ECONOMICS

Technically Sound, Economically Smart.



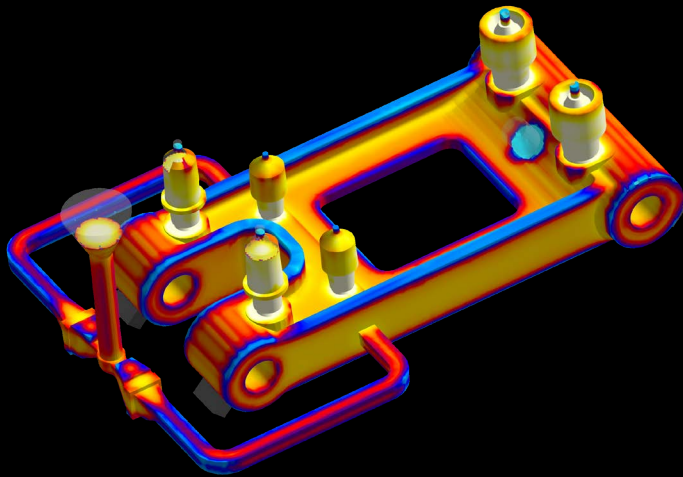
**12,600 €
saved!**





MAGMA ECONOMICS

Reduce **Cost** & **CO₂**.
Secure **Quality**.



PROJECT PARAMETERS:

- **Product:** Connecting Element
- **Process:** sand casting, horizontal molding line
- **Metal:** cast steel, GS20Mn5
- **Casting weight:** 299 kg
- **Production volume:** 100 parts/year
- **Feeders:** insulating vs. exothermic
- **Return material:** 148 kg vs. 84 kg



WITHOUT MAGMA ECONOMICS

WITH MAGMA ECONOMICS

QUALITY:



OK

0.0 %

No change

OK

COST:



1038 €/part

-12 % pro Stück

Δ 126 €/pt. saved

912 €/part

CO₂
EMISSIONS:



229 kg of CO₂

-9 %

CO₂ reduced

209 kg of CO₂

Total savings:
12,600 €

MAGMA ECONOMICS identifies savings potentials throughout the entire process – from **design variants**, to **casting systems**, to **process parameters**.

Become more cost-efficient and sustainable – without quality risk.

The complete story:

