qontrollaps

Raw material management software for meltshops





reduce your OPEX and CO₂ emissions



qontrol maps is an advanced raw material optimization software designed to reduce your OPEX along the complete steelmaking value chain.

- Are your suppliers delivering the correct raw materials?
- What are the current properties of your raw materials?
- What is the ideal furnace charge mix?
- What is the ideal alloying strategy from melting to casting?
- How should you arrange your production orders to reduce cost?
- What are the raw material requirements for the next campaign?
- How to deal with changing scrap availabilities and energy prices?
- How can you reduce overall costs and CO₂ emissions?

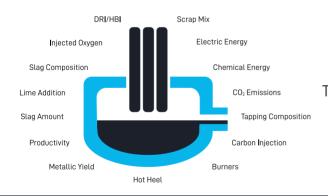
>> The best system on the market to ...

Our Software Modules

Material Characterization

This module automatically determines the scrap quality of each scrap on the scrap vard in real-time without the need for any additional sensors or physical equipment to be installed.

- Chemical Composition [wt.-%]
- Energy Consumption [kWh/t]
- Metallic Yield [%]





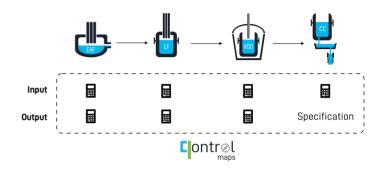
Charge Optimization

This module automatically determines the ideal charge mix for a melting furnace considering all relevant production parameters and cost drivers.

Tailored to your Requirements

3 Heat Optimization

This module automatically determines the ideal charge and alloying strategy along the complete steelmaking route from melting to casting.

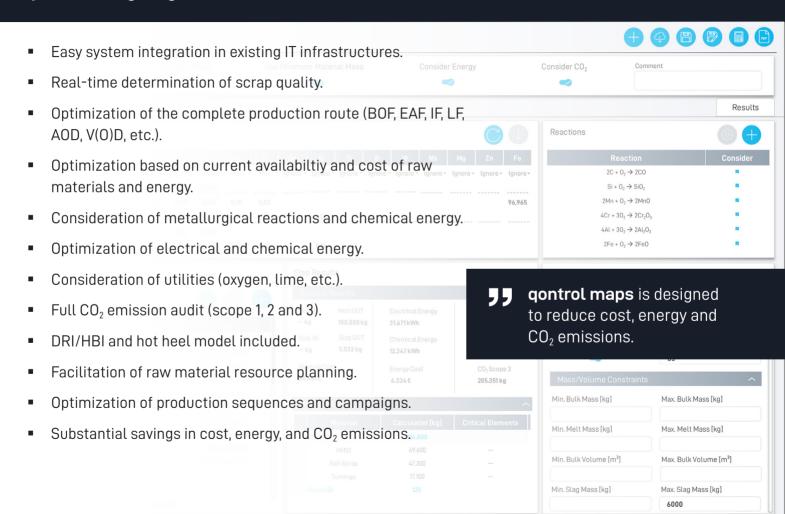




4 Campaign Optimization

This module automatically optimizes entire production campaigns (consisting of a sequence of multiple heats) based on variable energy prices, raw material availabilities, and other parameters.

System Highlights



Concept

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