MAGMA GmbH Press Release

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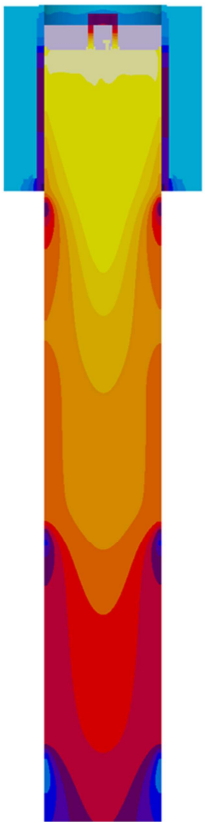
“The Digital Casting Process”

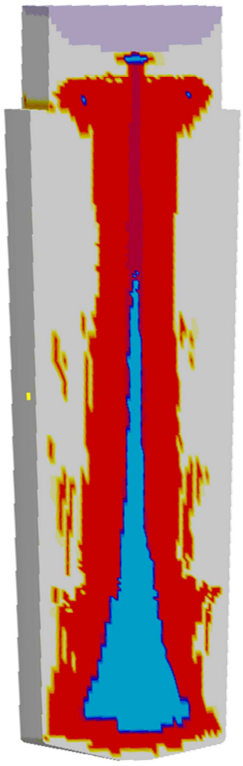
At METEC 2019, MAGMA GmbH presents a new generation of trendsetting solutions for virtual casting and process optimization for Ingot and Continuous Casting Processes.

Simulation Evolves into Autonomous Engineering

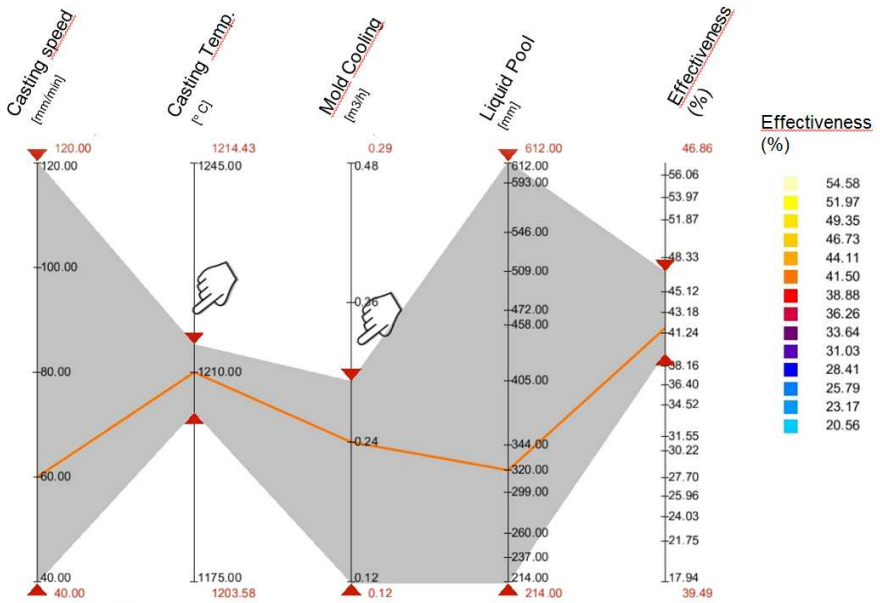
In Hall 4 at Booth E29, MAGMA will demonstrate how Autonomous Engineering is replacing conventional process simulation with a focus on ingots and continuous casting processes. MAGMASOFT® autonomous engineering and the program MAGMA CC for continuous casting optimization support the establishment of optimal process conditions for flow and solidification to eliminate defects and provide solutions for robust process windows. By making use of the fully integrated capabilities for virtual Design of Experiments and genetic optimization, MAGMASOFT® and MAGMA CC easily and reliably find the best solutions – for a new casting or process design, to improvement of a running production setup for aluminum, copper and steel applications. This allows identifying the best compromise between the conflicting factors quality, productivity and cost.

Visit MAGMA and experience the fascinating capabilities of Autonomous Engineering with MAGMASOFT® - the Digital Casting Process.





Autonomous Engineering for Continuous Casting and Ingot Casting Processes



Virtual experimentation for continuous casting to establish robust process windows

Exhibitor data for MAGMA at METEC and GIFA 2019

@ METEC Hall 4, E29 and

@ GIFA Hall 12, A19/20

About MAGMA

MAGMA is a worldwide leader in developing and providing software for casting process simulation and virtual optimization. MAGMA stands for robust, innovative cast solutions and for reliable partnerships with the metal casting industry, including casting designers and buyers. MAGMA's products unite the complexity of the casting process with user-friendliness to create economical solutions for its customers. MAGMA partners with its customers in the integration and effective use of the software, helping them to realize clear cost advantages.

MAGMA's range of products and services includes the simulation software MAGMASOFT® and MAGMA CC autonomous engineering, for virtual designs of experiments and autonomous optimization of casting processes, as well as comprehensive engineering services for casting design and process optimization. Today, MAGMA's software is used by more than 2000 companies all over the world for cost-effective casting production, reduced quality costs and for establishing robust processes for all applications, particularly in the automotive industry and mechanical engineering.

With the MAGMAacademy, MAGMA provides extensive implementation and

educational offerings for all topics associated with casting process simulation. MAGMASOFT® users, together with their colleagues and managers, learn in trainings, workshops and seminars how they can use simulation and virtual optimization for optimizing casting design processes, lowering production costs and increasing resource efficiency.

MAGMA Giessereitechnologie GmbH was founded in 1988 and is headquartered in Aachen, Germany. A global presence and support are guaranteed by offices and subsidiaries in the USA, Singapore, Brazil, Korea, Turkey, India, China and the Czech Republic. Additionally, more than 30 qualified partners represent MAGMA around the world.

www.magmasoft.de/en

170 words, 1.211 characters including spaces

Contact

You are welcome to use the information to update and inform your readers about MAGMA, free of charge. For feedback, comments and more information, please contact:

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