

IN

FORM

NEWSLETTER

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GET NEW TECHNOLOGY FIRST
20.-24. APRIL 2009



Dear friends and customers,

After an - admittedly - longer break we are happy to revive our newsletter **IN FORM**. Now again roughly every quarter of a year we will brief you on news and interesting facts of Dietermann.

As most of you do, we also sense the current economic crisis. We take these turbulent times as a chance to inspect and enhance our interior and external processes to emerge strengthened from the downturn and to become more invigorated than ever before.

You may rest assured that Dietermann, a family-run and medium-sized business, is long-term orientated and funded solidly. Thus in the future we will strive even stronger to place our services at your disposal - as your partner!

Visit Dietermann at the Hannover Messe 2009

The Hannover Messe, the world's most significant technology exhibition, takes place from April, 20th until April, 24th. This year for the first time Dietermann will attend the trade fair.

Following the maxim "Get new technology first" we would like to invite you to visit us at our stand.



Yours sincerely, Dietermann GmbH + Co. KG



**HANNOVER
MESSE**
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Together with the company CDL Präzisionstechnik we will show you at our stand the entire developing process from the engineering design of the customer to the castable component via constructing a design model and simulating the solidification. Further on the optimisation of the conditioning using CAM to present a finish-worked, mounted and ready-to-install assembly.

At the Hannover Messe Dietermann will present a component relevant to security from alloy G-AlCu4Ti wa which demands pretentious processing with a unit weight of 64 kg.



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Information on how to find our stand and how to get tickets you can find out on our homepage www.dietermann-guss.de or have a look at www.hannovermesse.de.

Copper alloy resistant to sea water

Most of you might know Dietermann as a manufacturer of components with specific demands on aluminium alloys in small or medium-sized series. We would therefore like to put additional focus on our heavy metal casting capabilities which enjoy increasing popularity.



For our customer Volvo Penta we have enhanced the approved sea water-resistant alloy G-CuAl10Ni to be able to produce environmentally friendly oil-proof cast parts with demanding inner contour. It is used in components of the innovative IPS-Drive of Volvo Penta that are completely hanging in the sea water. These two cast parts are weighing 61 and 63 kg, and by using a special heat treatment they stay resistant to corrosive attacks.

Apart from choosing the right alloy, the renowned high surface quality made by Dietermann guarantees low drag of water and thus a lower consumption of energy and a longer durability due to the lower abrasion.

Wheelset mount Hamburger Hochbahn

Our long-term customer FAG has asked us to produce wheelset bearing bodies consisting of G-AlSi7Mg wa for his customer Alstom LHB. Due to the high requirements of the end customer, this project poses a specific challenge on the metallurgical performance of the cast part. That is why, concerning its security-relevant parts, FAG relies on the quality of Dietermann.



Outlook

Besides other things our next newsletter will inform you on

- why Dietermann is investing even now
- the long term positioning of Dietermann to meet future challenges.

So long and see you at the Hannover Messe!

