



**Press contact:**  
Torsten Pape  
HOFMANN GmbH  
Maschinenfabrik und Vertrieb

Industriestrasse 22  
25462 Rellingen  
Germany

Phone: +49 4101 3027-0  
Fax: +49 4101 31022  
[presseinfo@hofmannmarking.de](mailto:presseinfo@hofmannmarking.de)  
<http://www.hofmannmarking.de>

## **PRESS RELEASE**

### **New bellow pump system enables even more precise and higher quality markings.**

**HOFMANN, the market leader for road marking technology located in Rellingen, Germany, has developed a bellow pump system for highly viscous 2-component cold plastics that offers an entire range of additional benefits for the marking sector.**

The system makes it possible to run smooth, transverse bead, stochastic structure, and Spotflex<sup>®</sup> markings, thus combining in one system the cold plastic markings required on roads.

The new system achieves a constant feed rate per revolution of the control valve - independent of speed, viscosity, and counter pressure. Feed accuracy is always maintained, as even highly abrasive media up to a 2 mm grain size will not produce wear.

The reason for this is that the displacers no longer touch the walls of the pump chambers. The use of solvents is no problem because the pump is made completely of steel, and the pump can remain filled with marking material. The operating modes "AMAKOS<sup>®</sup>" (the quantity per square meter is constant at changed marking speed) and "Not AMAKOS<sup>®</sup>" (the quantity per square meter at changed marking speed is not constant) can be run with the hydraulically operated pump. The feed rate is electronically adjustable.

The vertically moveable application aggregate with mixer can be lifted by approx. 15 cm and can be shifted stagelessly between the respective outer positions at the same time. Painting lines from the machine center is thus possible. Service work is



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simplified because the outer positions can be lifted and tilted pneumatically by approx. 30°.

The maximum power of the parent component pump is 35 L/m, which means a marking speed of 13 km/h with an application rate of 2.5 kg/m<sup>2</sup> and a line width of 12 cm if no other limits require lower speeds.

Download more information and images of the bellow pump system from HOFMANN at:

[http://www.hofmannmarking.de/download/info384\\_en.pdf](http://www.hofmannmarking.de/download/info384_en.pdf)



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### **Press contact for inquiries:**

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HOFMANN GmbH  
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D 25462 Rellingen  
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Web: [www.hofmannmarking.de](http://www.hofmannmarking.de)  
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### **About HOFMANN GmbH:**

HOFMANN, the leading manufacturer of road marking technology ([www.hofmannmarking.de](http://www.hofmannmarking.de)), has been operating successfully for more than 50 years as an internationally recognized and competent partner for marking technology. The traditional company located in Rellingen, Germany, supplies the entire product range required for road marking across the globe.