

## **PRESS RELEASE**

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### **Gedvelop launches new technology for monitoring glass container manufacturing**

**A new system based on matrix camera technology and visible light makes it possible to monitor and analyse product quality within the hot end of glass container manufacturing, regardless of the temperature of the product. This new technology offers many benefits.**

Glass container manufacturing is a complicated process requiring time and money. Errors that arise early in the process (the hot end), but not discovered until the end of the process (the cold end), may lead to significant losses in time, capacity and profitability. In order to counteract this, it is extremely important to monitor and control the process at an early stage in order to be able to deal with any deviations rapidly.

“We developed Glass Vision System (GVS) in order to increase the customer’s production quality as well as reduce the disadvantages involved in any drop in production,” explains Stefan Ekström, Managing Director at Gedvelop. “GVS is a ‘hot end’ trend analysis tool that is entirely independent of the temperature of the analysed glass container. This results in a number of benefits.”

#### **Brilliant technology**

GVS is based on matrix camera technology and visible light. The glass container is lit from behind, and an arrangement of three cameras takes pictures with good definition to provide a basis for analysis and system control. The images are processed and analysed on a computer which performs trend calculations and controls communication with surrounding units.

“Once the GVS system identifies a defective glass container, a signal is sent to the reject equipment, which takes the container off the belt,” says Gerry ter Laak, Marketing Manager of Gedevelop. “The analysis is very exact and also independent of variations in distance, movement and flow speed. Nor is any compensation for temperature differences between the containers required, which makes the analysis easier.”

Enabling the operator to detect deviations and errors early in the production chain means that the causes of the deviations can be immediately compensated for. This results in increased productivity and reliability in terms of delivering an error-free end product.

“We know the benefits that detecting deviations at an early stage offer glass container manufacturers, which is why we can see the potential presented by the GVS system,” concludes Stefan Ekström.

## **Gedevelop AB**

*The company Gedevelop was established in 1987 and is today a worldwide partner for the major manufactures of glass fiber and glass containers. Gedevelop develops and market products for measurement and control, which enhance productivity and the quality of end products in the glass and fiberizing industry. In these segments, the company has a leading market position in the non-intrusive measurement of hot flowing glass.*

*Gedevelop is situated in Helsingborg, Sweden, but reaches customers all over the world through agents in several countries and continents*

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