

## PRESS RELEASE

Product

### **New system for still water in single-serve formats: the KHS InnoPET TriBlock Aqua M**

- Tailor-made for growth market water
- Space-saving block system with many innovations
- Neck handling and the InnoPET Silent TipTainer for added value

**Dortmund, September 11, 2017 – With its InnoPET TriBlock Aqua M the KHS Group will be presenting a compact, powerful block system for single-serve formats at this year's drinktec. The high-performance unit is specifically geared towards the growth segment of water in single portions – perfect for any handbag. It processes container sizes of between 250 and 800 ml at a rate of up to 50,000 bottles per hour. Thanks to the many innovations and compact size of the machine KHS customers can not only save on resources but also improve the quality of their products.**

“With this system we're offering more than just the compact version of the single machines. With the KHS InnoPET TriBlock Aqua M our customers get real added value,” says Arne Andersen, global product account manager for the TriBlock at KHS. The new system blocks the further developed Blomax Series IV stretch blow molding module, a labeling module and the Innofill PET NV filler. Together they form a unit which is perfectly suited to the application on hand, manufacturing bottles from preforms and then labeling, filling and capping them. Further advantages of the machine according to Andersen are its exceptionally hygienic design and optimized housing. The machine is centrally controlled by the

improved HMI (human machine interface) on a clear 21.5-inch monitor with full HD resolution for detailed visualization of the process graphics. Another aspect which is especially important for practical operation is the consistent drive and operator concept with which KHS boosts effectivity and the level of convenience.

### **Optimized process steps**

The individual modules on the TriBlock give optimum performance at every stage in the process. Compared to the previous model, the further developed Blomax Series IV has blow stations on which small bottles with a maximum diameter of 75 millimeters can be blown. The low level of noise pollution also deserves a mention here, this ensured by the aforementioned InnoPET Silent TipTainer; with its closed system and lower PET preform drop height the latter are fed especially gently and thus less noisily to the sorting unit.

The labeling module is distinguished by its robust design and thus a high degree of reliability and availability. A special vacuum system permits materials of a very low thickness to be used for the bottles and thus helps to cut costs. In addition, the top-drive technology, which consistently feeds the bottles through the TriBlock by their neck rings, also has many benefits: it is gentle on the PET bottles, minimizes downtimes and is advantageous when making lightweight containers as these are no longer exposed to any compression force in the labeler.

### **Low maintenance effort cuts costs**

A new generation of valves in the filler shortens the filling time so that fewer valves can be used for the same total filling capacity. By focusing on smaller bottles and through the subsequent reduction in pitch, the diameters of both the filling wheel and ring bowl have been decreased. This makes both the filler and the TriBlock as a whole more compact.

Users profit from a reduced maintenance effort and cuts in maintenance costs.

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### **Picture captions for the press release**

InnoPET TriBlock Aqua M

Three modules, one block: the InnoPET TriBlock Aqua M has been specially designed to fill small bottle sizes and single-serve formats.

Arne Andersen

Arne Andersen, Global Product Account Manager TriBlock, KHS GmbH

**About the KHS Group**

KHS is one of the leading manufacturers of filling and packaging systems for the beverage, food and non-food industries. The KHS Group includes the following companies: KHS GmbH, KHS Corpoplast GmbH, NMP Systems GmbH and numerous subsidiaries outside Germany.

KHS GmbH manufactures modern filling and packaging systems for the high-capacity range at its headquarters in Dortmund, Germany, and at its factories in Bad Kreuznach, Kleve and Worms. The KHS Group's PET expertise is pooled at KHS Corpoplast GmbH in Hamburg, Germany, where innovative PET packaging and coating systems are developed and produced. NMP Systems GmbH, a wholly-owned subsidiary of KHS GmbH based in Düsseldorf in Germany, designs and markets new, resource-saving packaging systems for PET bottles.

In 2016 KHS and its 4,995 employees achieved a turnover of around €1.18 billion within the Salzgitter consolidation. The companies in the KHS Group are 100% subsidiaries of the MDAX-listed Salzgitter AG corporation.

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