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| **Contact:** | Putzmeister Mörtelmaschinen GmbH  Marketing  Max-Eyth-Str. 10  72631 Aichtal, Germany  Tel.: +49 (0) 7127 5990  Fax: +49 7127 599-140  E-mail: mm@putzmeister.com | **Press release no.:**  **Date:**  **Author:** | 2051  10.03.2025  Märkert/Schlösinger |

Mixokret M 760 screed conveyor with Stage V motor at bauma 2025

A green light for “Green Efficiency” in screed conveying

Aichtal, February 2025 – The Mixokret M 760 Stage V “Green Efficiency” from Putzmeister has been developed as a particularly powerful and versatile screed conveyor for large tasks. The three-cylinder diesel engine from Deutz with turbocharging brings maximum power and efficiency: The 44.5 kW of power output allows it to deliver screed to a distance of up to 190 m and to a height of 135 m which is approx. 45 storeys. From Monday 7th April to Sunday 13th April, visitors to bauma in Munich can find the Mixokret M 760 in Hall B6 where they can witness the impressive performance for themselves.

The M 760 Stage V “Green Efficiency” meets all requirements of the current “Stage V” emissions standard. For this reason among others, it is equipped with a powerful diesel particle filter. It cleans the exhaust gases and ensures that the machine works with a minimum environmental impact. This means: Increased output at lower fuel consumption, fewer emissions and lower noise levels. When it comes to the economic considerations, the Mixokret 760 with integrated machine performance management has yet another trick up its sleeve: The motor output can be adjusted to meet requirements – either to maximise fuel savings or for extra power for yet more output.

A powerhouse in three versions

This powerful machine is available in three versions: As a DH basic version with up to 4 m3/h delivery rate, as a DHB version with hydraulic loader and up to 4.8 m3/h delivery rate, and as a DHBS version with hydraulic loader and scraper offering up to 5 m3/h delivery rate. The delivery rate data is based on experience and is dependent on the material and pump type.

**Simple operation saves time and avoids faults**

The proven and robust keypad works in accordance with the “follow the blue light” principle. Together with the modern colour display – housed in the control cabinet – operation is simple and efficient. All important functions can be operated quickly and safely – even while wearing work gloves. Menus for fault rectification and service delivery increase availability. The placement of the loader lever and air cocks is also user-friendly. They can be found directly within the working area for the machine operator, just like the pressure gauge for the delivery and mixer pressure.

**No greater versatility**

The M 760 is as customisable as the tasks that are given to machine operators: It mixes and delivers conventional cement screed, calcium sulphate screed and magnesite screed. Sand, gravel, aggregate and even damp soil can also be delivered without hassle.

**Suitable for various tractor units**

With a weight of 1715 to 1900 kg, the Mixokret M 760 screed conveyor is uncomplicated in daily use and can be moved by numerous tractor units with standard car couplings. A truck coupling is also available as an option. The balanced weight distribution and low centre of gravity on the machine ensure stable roadholding conditions. A lifting eye is also included as standard.

**Longevity made in Germany**

The robust construction of the M 760 Stage V **“Green Efficiency”** screed conveyor does not just increase the service life, it also safeguards value stability and therefore high resale values. As an example, the hydraulic mixing apparatus is equipped with reverse running in case the mixing apparatus or a mix is compacted. Overload protection ensures that the mixing apparatus stops immediately in the event of a blockage. Even during transport, everything is protected: A cam buckle strap, offered as standard, clamps the loading hopper to the frame in the DHB and DHBS versions. This reduces vibrations as well as uncontrolled movements and protects the hydraulic cylinder.

**About Putzmeister Mortar Machines**

Putzmeister Mortar Machines GmbH is part of the Putzmeister Group and specialises in the development and production of mortar machines and screed pumps. The applications covered range from cement screed, self-levelling floor screed and plaster to shotcrete, fine concrete and other special applications. Putzmeister Mortar Machines includes the brands Putzmeister, Brinkmann and Lancy. Products are manufactured at the company headquarters in Aichtal, Germany, and in Floirac (near Bordeaux) in France.

**About the Putzmeister Group**

﻿The Putzmeister Group develops and produces machinery of high technological quality in the fields of concrete conveying, truck-mounted concrete pumps, stationary concrete pumps, placing booms and accessories, plant technology, conveying industrial high-density solids through pipes, concrete spraying and transport in tunnels and below ground, mortar machines, plastering machines, screed conveying, injection and specialist applications. Market segments are the construction industry, mining and tunnel construction, major industrial projects, power and sewage treatment plants as well as waste incineration plants worldwide.

The company is based in Aichtal, Germany. With over 4000 employees, the company achieved a turnover of 1 billion euros in the 2023 financial year.