



NEWS RELEASE GIFA 2015



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HUNTER RECEIVES U.S. PATENT FOR ITS HLM SERIES LINE OF LINEAR-MOTION MATCHPLATE MOLDING MACHINES

Latest of nearly 150 Hunter patents awarded Hunter since 1964 is based on the unique integration of linear-motion bearings, for HLM's squeeze station and hopper car.

GIFA SPECIAL REPORT – DUSSELDORF, GERMANY (JUNE 16, 2015) – Hunter Foundry Machinery Corporation has been awarded U.S. Patent 8,826,967 B1 for its HLM Series Linear Motion matchplate molding machine. As its most advanced product line, the HLM is being introduced to the world market at the foundry industry's largest trade conference: GIFA 2015 Hall 15 – Booth F01, from June 16-20 this week in Dusseldorf, Germany.

President and CEO Bill Hunter, who invented the HLM Series, says, "This patent serves to acknowledge our ongoing commitment to the world foundry market, to create and integrate the most innovative technologies possible, into the most advanced solutions available to the world foundry market. "The HLM's low-maintenance features and functions are designed to maximize performance and minimize downtime, which add up to greater efficiency of operation," he stated, adding, "These add up to greater customer productivity and profitability."

The HLM's design integrates these newly patented, proprietary technologies with customer-demanded, proven features and functions as a Hunter-proprietary concept in automated matchplate molding technology. The HLM combines magnetically coupled rodless cylinders with linear bearings in the squeeze station and hopper car for improved movement of multiple components. Here are the primary features and benefits of the HLM Series:

- Sealed linear bearings and magnetic rodless cylinders replace cam followers, wheels, slippers and rails, to provide smoother, quieter, more energy-efficient operation and greater machine stability that requires less maintenance than previous molding machines.
- The HLM's board feeder incorporates magnetically coupled rodless cylinders.
- Linear bearings guide the hopper car to reduce maintenance needs and costs.

The HLM Series also includes two standard options:

1. Separation of the hydraulic power system (for cleaner, easier maintenance) and
2. Linear motion-operated, programmable access doors (for maximum operator protection).

Features standard to Hunter molding machines found in the HLM Series include the Human Machine Interface (HMI) system, which digitally controls compaction speed while monitoring resistance, producing a uniformly hard and superior-quality mold, and an auto-lock hydraulic pattern clamping system that eliminates the need for pattern bolt-down and provides true drop-in pattern changing capabilities.

To obtain a video news release or photos in digital format, to schedule an interview at or after GIFA 2015, or for more information about Hunter and its products, please visit www.hunterfoundry.com or phone 1+847-397-5110. To see the HLM Series in action, please click www.hunterfoundry.com/hlm.

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