



HV TURNTABLE MOLD HANDLING SYSTEMS



HOWEVER YOU MAKE YOUR MOLDS, HUNTER CAN HANDLE THEM.

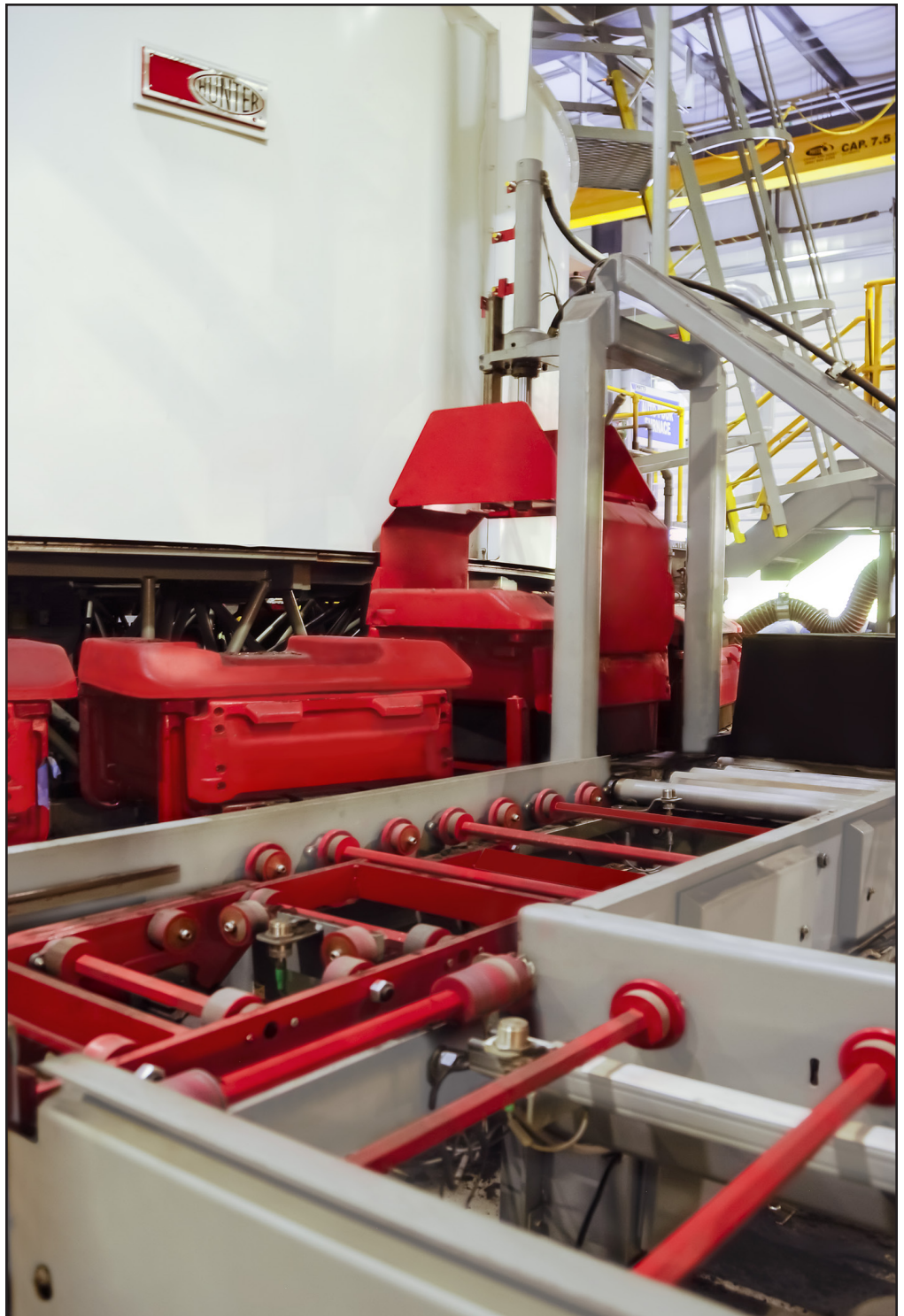
We design our mold handling systems to meet each customer's exact equipment, production and foundry floor specifications. And our HV Turntable reduces labor; improves air quality and working environment. Which is why there are more than 300 Hunter Turntable Systems in operation, used with all types of molding machines, all over the world. So even if you're not running a Hunter molding machine, chances are, we've got the mold handling solution that's right for your application.



FEATURES AND BENEFITS

Whether you choose our compact single, dual, or multi-level system, Hunter's HV Turntables are your most efficient option for handling flaskless green sand molds:

- Flexible design allows for use in aluminum, brass, gray, or ductile iron foundries.
- Systems reduce labor while improving air quality and working environments.
- Hunter HV systems are pre-assembled, tested, adjusted, and disassembled prior to shipment so that installation is simple and inexpensive, and startup is rapid, at your site.
- Compact size and efficient hood design reduce CFM requirements.
- Unique vertical storage is the most compact and efficient system available.
- Molds are never bumped, jarred, or pushed mold-on-mold.



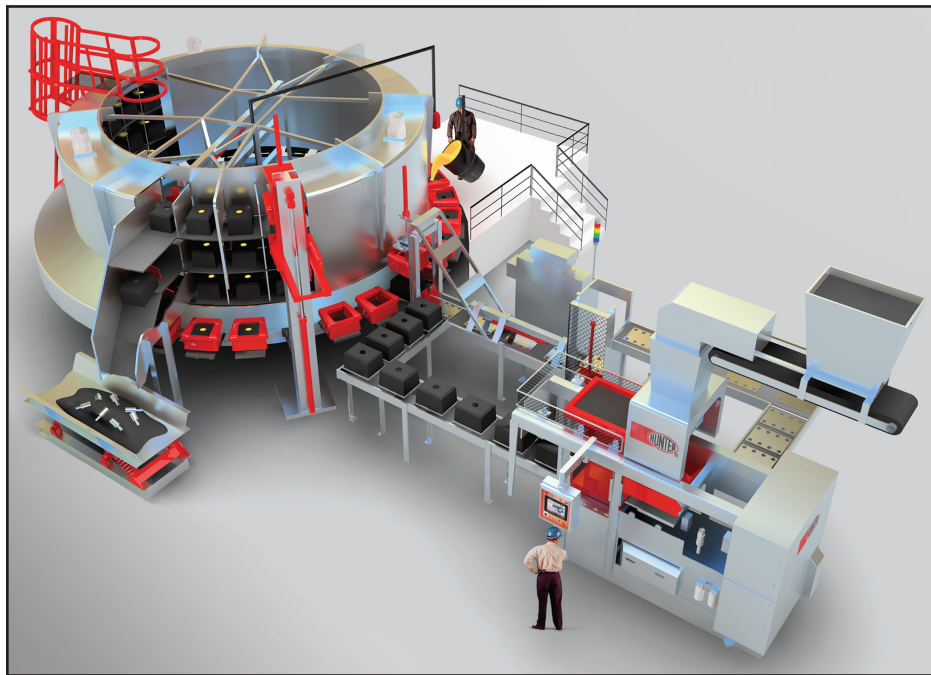
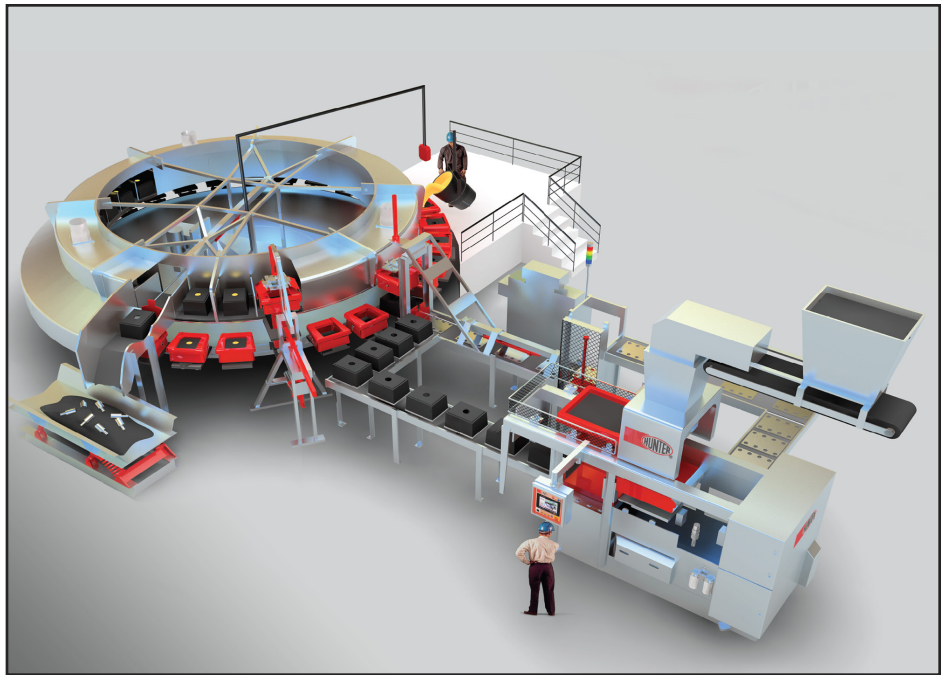
OTHER ADVANTAGES

- Inner row fume containment hood is a standard feature.
- Outer row fume containment hood is available as an option.
- Cast iron weights and jackets are machined to improve tolerances and parting lines; they are also vented to facilitate gas release.
- Setting of weights and jackets is automatic and extremely precise.
- Geneva drive provides an index, which is extremely smooth and controlled.
- Center-mounted jib crane for pouring on the turntable is available.

DUAL-LEVEL TURNTABLES

Cooling times up to 30 minutes

- Weights and jackets set automatically
- Molds are poured, cooling cycle begins
- Table continues to index, completing one revolution
- Weights and jackets are stripped
- Molds are elevated and pushed onto Level 2
- Cooling continues for one more rotation of the table
- Molds are discharged to a shakeout



MULTI-LEVEL TURNTABLES

Cooling times up to one hour

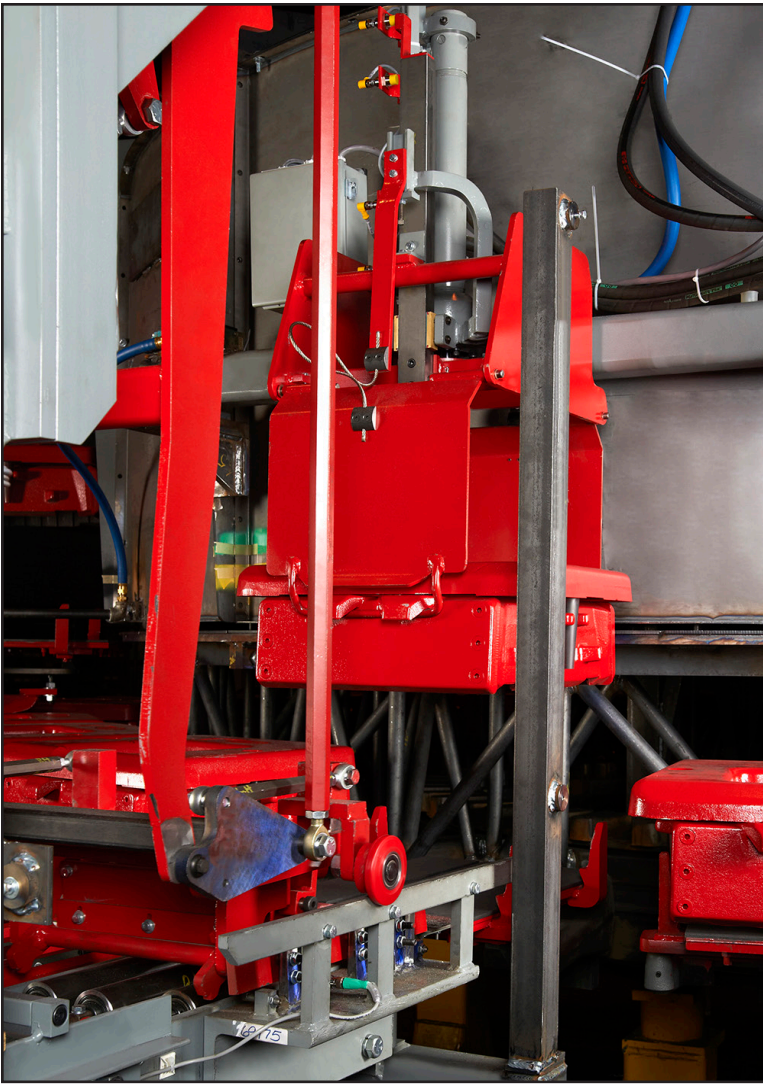
- Weights and jackets are automatically set
- Molds are poured and the cooling cycle begins
- Table continues to index, completing one revolution
- Weights and jackets are stripped
- Molds are elevated and pushed onto Levels 2, 3, or 4
- Cooling continues for up to three more table rotations
- The cooled molds are then discharged to shakeout

ACCUMULATING MOLD STORAGE CONVEYOR

- Features high-speed automatic accumulating conveyor for storage of un-poured molds
- Increases productivity by preventing lost mold production that can occur, due to metal delays
- Pouring can continue during pattern changes or other brief interruptions
- Conveyor length can vary in one mold increments to suit individual requirements
- Elevated, automatic bottom board return provides unrestricted access to molding machine.

MOLD COOLING

- Since elimination of excessive cooling times can minimize hot sand problems, our HV Systems' cooling times can be controlled for improved casting quality.
- Pourer can choose 2, 3, or 4-level cooling by setting a selector switch.



POURING

Hunter HV Turntables are ideally suited to all types of manual or automatic pouring:

SINGLE STATION

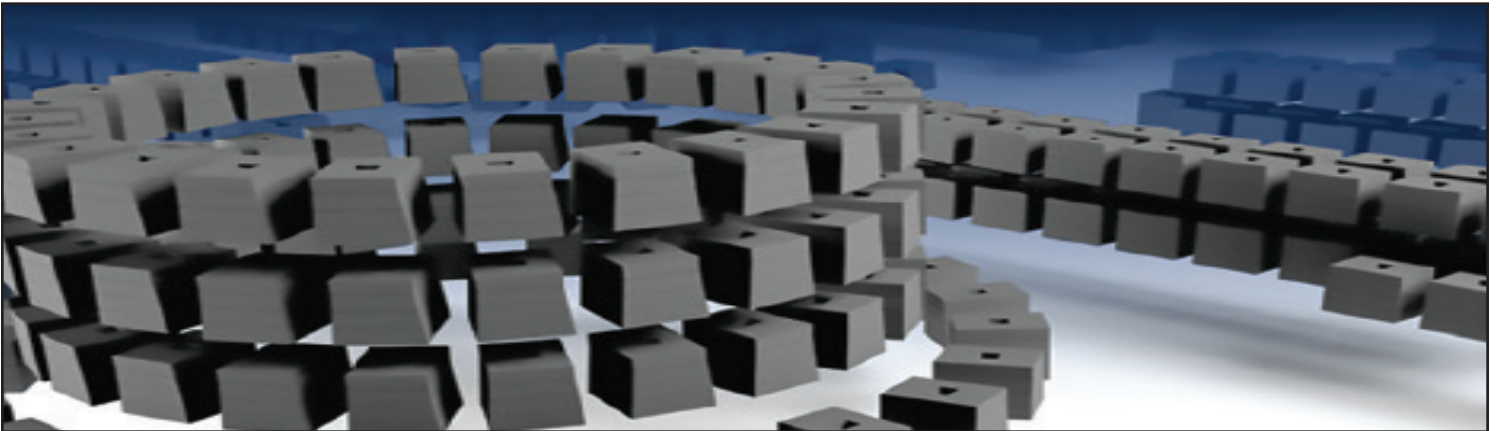
Molds are indexed forward and poured while at rest. (Note: This is the most accurate and efficient way to pour.)

MULTIPLE STATION

The pourer does not wait for the turntable to index; he moves forward pouring for maximum speed and flexibility.

BATCH POUR

The turntable is loaded with un-poured molds, which are all poured at once. It is then indexed while molds are poured at a single location. Index can be either manual as controlled by the pourer or by the use of a preset timer. No molds are loaded or discharged during the pouring sequence. Pouring cycle is fast, reducing fade and temperature loss. This mode helps maintain mold production during metal delays, with faster and more accurate pouring, which reduces related scrap.



To learn more about our complete line of HV Turntable and HLH Linear Mold Handling Systems, as well as our SL Series Single-Level mold handling products in action, please visit www.hunterfoundry.com/mhs or scan here...



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