



***TURNTABLE  
MOLD HANDLING  
SYSTEMS***

# Turntable Mold Handling Systems



Over 500 turntable systems in operation worldwide

One manufacturer providing totally integrated system responsibility

Highest quality molding and mold handling at economical prices

Unique vertical storage is the

most compact and efficient system available

Reduces labor; improves air quality and working environment

All systems completely assembled, tested, and adjusted prior to shipment

Installation is simple, inexpensive, and the start-up is rapid

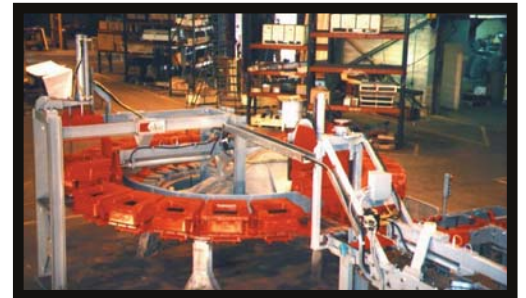
Compact size and efficient hood design reduce CFM requirements

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



Molds are never bumped, jarred, or pushed mold on mold

Geneva drive provides an index which is extremely smooth and controlled

Flexible design - systems for aluminum, brass, gray or ductile iron

# Mold Handling Systems Designed for precision casting and mold processing

## Mold Storage

High speed automatic accumulating conveyor for storage of unpoured molds

Increases productivity by preventing lost mold production 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



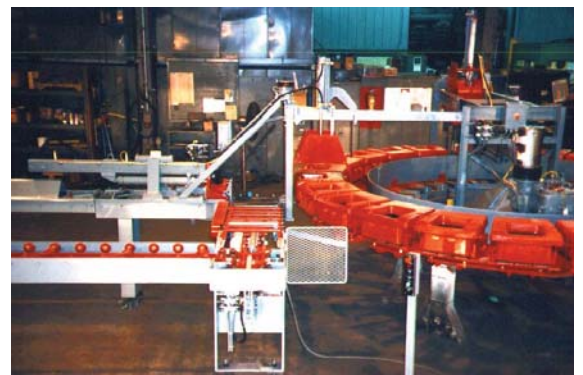
## Pouring

Single station pouring - molds are indexed forward and poured while at rest. This is the most accurate and efficient way to pour.

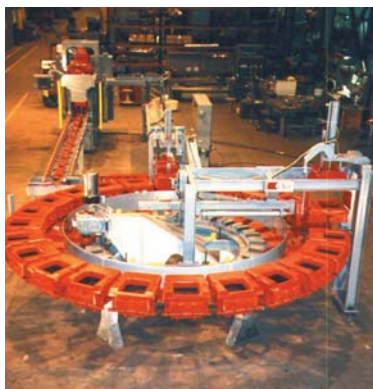
Multiple station pouring - the pourer does not wait for the turntable to index; he moves forward pouring for maximum speed and flexibility.

Batch pouring - the turntable is loaded with unpoured molds, which are all poured at once. Using this mode can help maintain mold production during metal delays.

Faster and more accurate pouring reduces related



## Mold Cooling

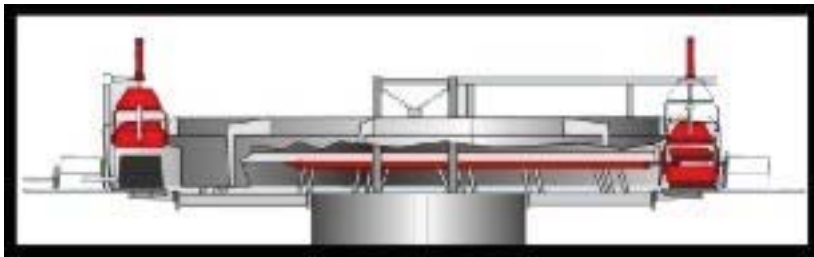
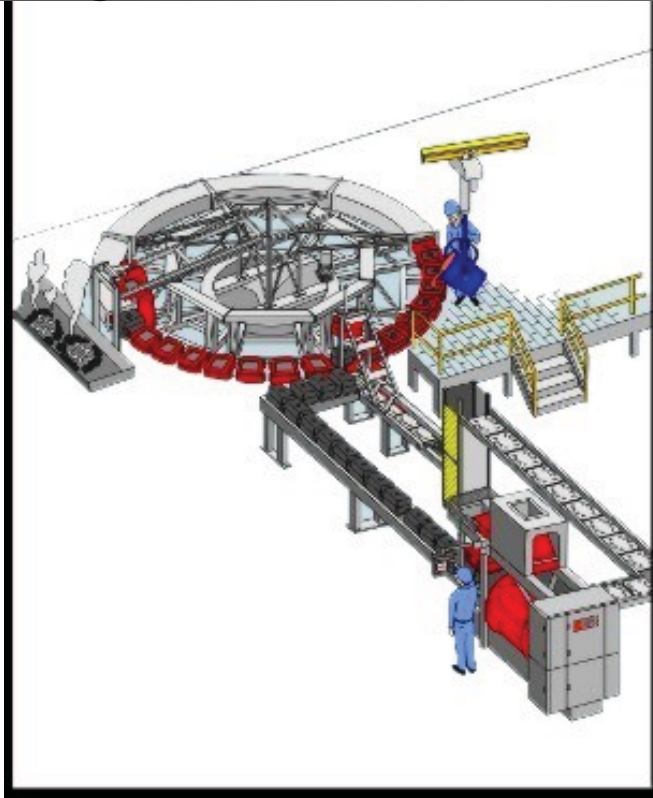


Pourer selects the number of cooling levels to be used.

Cooling times can be controlled for improved casting quality.

# Custom Solutions for Unique Situations

## Single-level Turntable



Single-Level Turntable

Cooling times up to 15 minutes

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 discharged to a shake-out or cooling belt

Cooling times up to 15 minutes

Weights and jackets are automatically set

Molds are poured and the cooling cycle begins

Table continues to index, completing one revolution

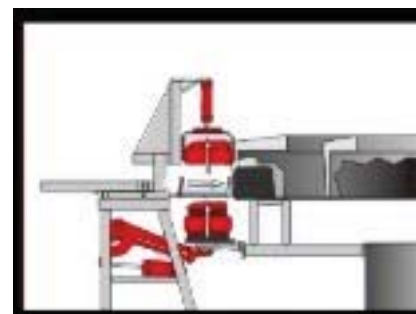
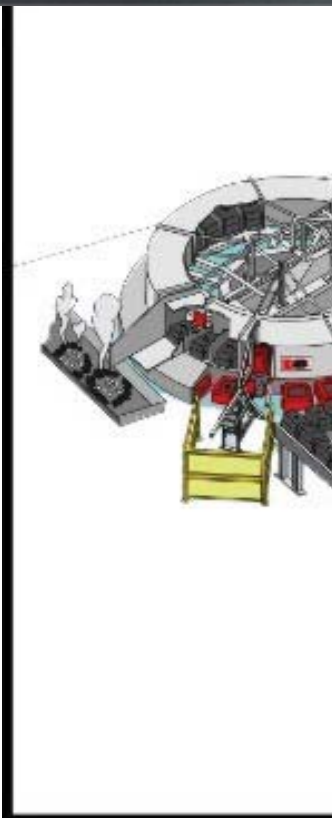
Weights and jackets are stripped

Molds are elevated and discharged to a shake-out or cooling belt

Cooling continues for one revolution

Molds are discharged to a shake-out or cooling belt

## Dual-level Turntable



up to 30 minutes

are automatically set

the cooling cycle begins

completing one revolution

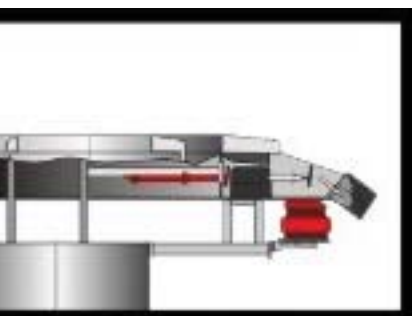
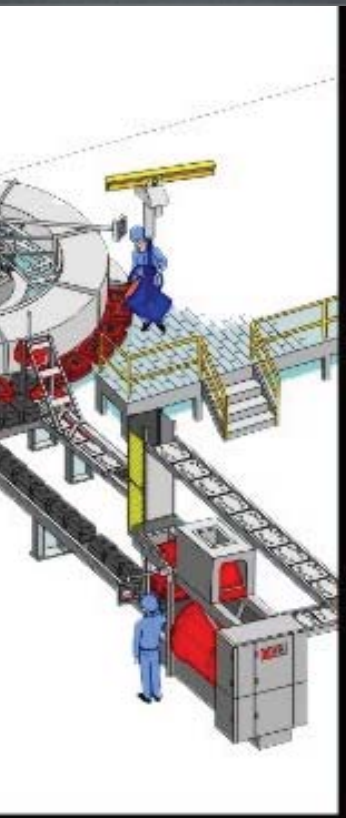
jackets are stripped

and pushed onto level 2

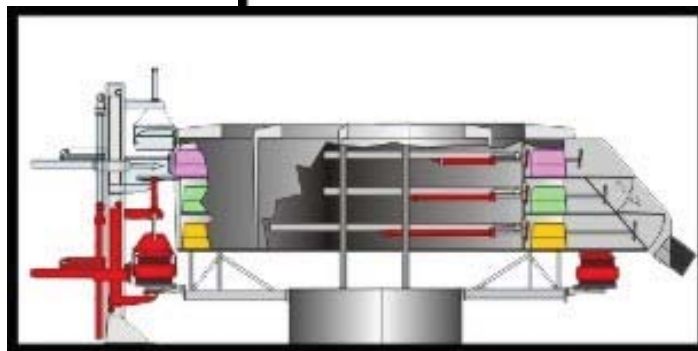
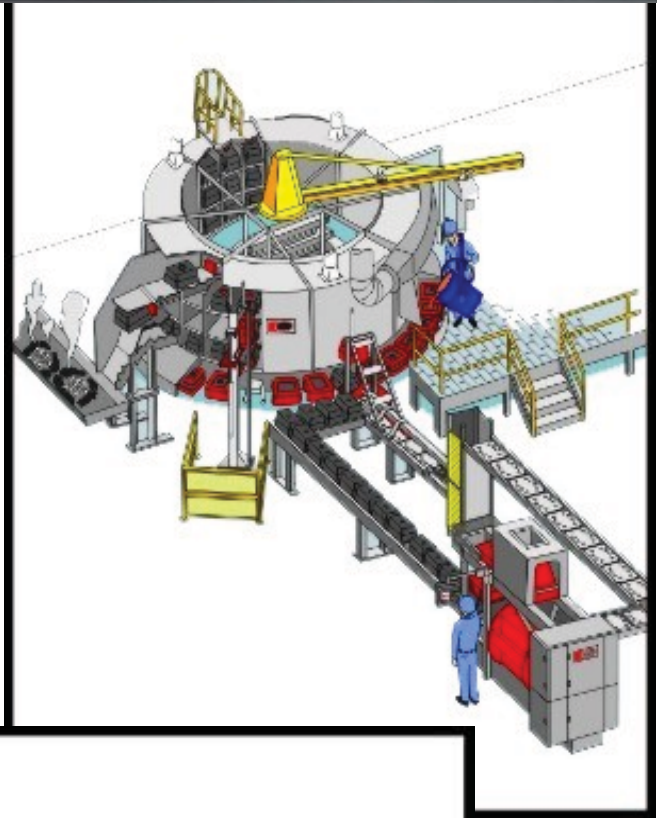
more rotation of the table

shake-out or cooling belt

ntable



## Multi-level Turntable



Cooling times up to 1 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 level 2, 3, or 4

Cooling continues for up to three more table rotations

The cooled molds are then discharged to a shake-out



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