

**OTHER COMPLETE STACKER MANAGEMENT SYSTEMS**



**MAINTENANCE STORAGE/  
RETRIEVAL SYSTEM**

MRO Management Systems



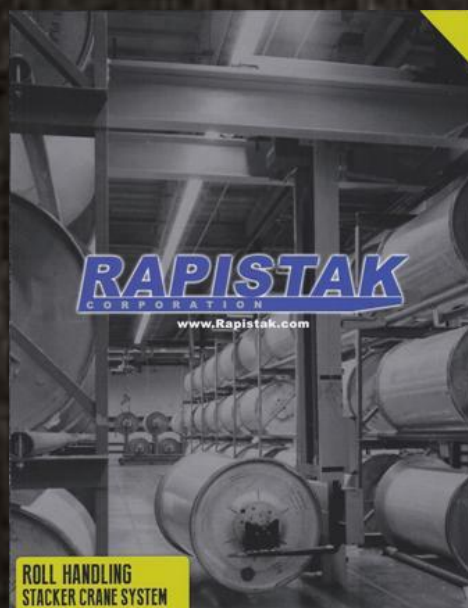
**MEGA-STAK  
HEAVY DUTY STACKER CRANE SYSTEMS**

Engineered Management Systems



**AUTO-STAK AS/RS  
STACKER CRANES**

Automated Management Systems



**ROLL HANDLING  
STACKER CRANE SYSTEM**

ROLL-STAK Management Systems



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**Heavy-Stak  
MANAGEMENT SYSTEMS**

# HEAVY-STAK STACKER MANAGEMENT SYSTEMS

HEAVY-STAK Management Systems consist of a storage rack with an integrated stacker lift system for storing and handling heavy dies or molds. The system creates a work-cell environment which allows for a single operator to handle heavy dies or molds, improves inventory control, adds efficiency to the storage and retrieval of dies or molds, improves the safety of handling dies or molds and vastly improves the storage density freeing up valuable floor space.



## HEAVY-STAK DIE/MOLD MANAGEMENT SYSTEMS

The HEAVY-STAK Die/Mold Management System consists of a modified heavy duty pallet rack system with an integrated stacker lift system. These systems are designed to carry loads from 6500 lbs to 25000 lbs (2948 kg to 11340 kg). Each die or mold is stored in its own storage location because of its size, shape and weight. These systems help reduce changeover times, provide a way of saving space, using overhead space and reducing building costs.

## STRUCTURALLY DESIGNED RACK SYSTEMS

The HEAVY-STAK Die/Mold Management System uses structurally designed rack systems to support each die/mold. Fork bar risers are used to support the dies/molds to allow the stacker forks to fit under each die/mold to be lifted. These specially designed rack structures are designed to support the dies/molds and the stacker crane system. Standard teardrop pallet rack cannot be used for this application.

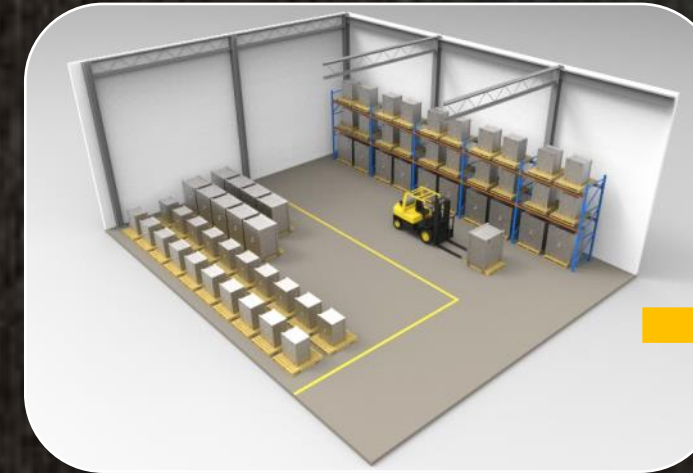


## FLOOR STORAGE OF LARGEST MOLDS

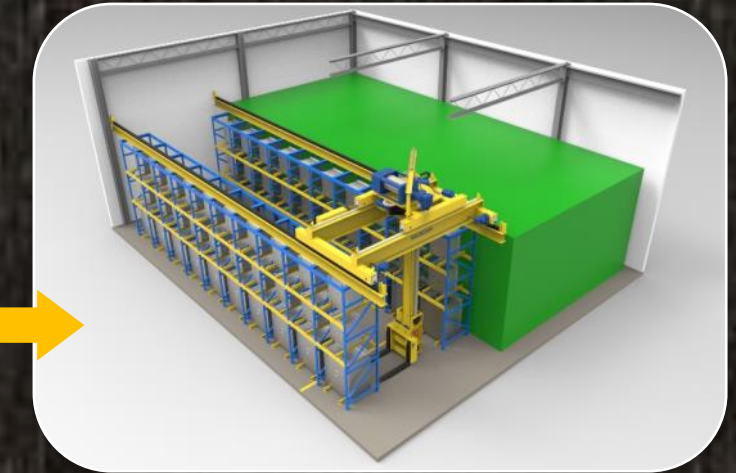
When configuring a HEAVY-STAK Die/Mold Management System our experienced engineering team will place the largest dies/molds on the floor level of the storage system. In many cases we will provide the customer with steel pallets to support these dies/molds. However, some applications can be provided with floor mounted fork bar risers. Each application is unique and must be designed around the dies/molds in the system.

## SAVE SPACE WITH THE RAPISTAK ADVANTAGE...

GO FROM THIS



TO THIS



With the cost of floor space at a premium many companies can ill afford to ignore saving space with a Die/Mold Stacker Management System. Just look at the advantages...

- Saving floor space by going vertical with your die/mold storage
- A dedicated lifting device helps to minimize fork-lift dependence and damage
- Substantially reduced aisle widths compared to conventional fork-lift turning radius
- Organized and dedicated locations reduce retrieval times and improves changeover times

## STANDARD RACK CONFIGURATIONS



SINGLE AISLE SYSTEM



DOUBLE AISLE SYSTEM

Rack heights from 8 ft. to 25 ft. (2.44M to 7.62M)