

**INQUIRIES?**

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PRODUCT DETAILS

Automatic Storage & Retrieval Systems

Atlas Technologies' Automatic Storage and Retrieval System is a high speed, proven, fully programmable method of efficiently storing and handling dies, parts, coils and other items weighing up to 50 tons.

BELOW

Dies are removed from their storage bays by the elevating retrieval cart and pre-staged on die racks where they are accessed by a die cart for automatic changeover.

**BENEFITS****GAIN VALUABLE FLOOR SPACE**

By utilizing vertical, otherwise unused space for dies, coils, and/or finished parts valuable floor space is saved.

LOCATE AND RETRIEVE ITEMS QUICKLY

Average time to retrieval is less than 5 minutes, eliminating the need to have personnel waste time looking for lost items.

CONTROLLED ACCESS

The storage and retrieval area is completely guarded, thereby controlling access and reducing potential operator and personnel injuries and liability.

CONNECT TWO OR MORE BUILDINGS OR CRANE BAYS

The Atlas AS/RS system can span from one crane bay to another, eliminating the need for die trucks.

AUTOMATIC OPERATION

A touch screen user interface is used to facilitate ease of part storage. Items are presented at a common location at the prescribed time.

MANAGED DIE TRACKING

Front office (supervisor) control of dies within the system allows the status of dies to be monitored.

REDUCED DAMAGE

Controlled handling of items reduces the potential of costly damage to dies, coils and parts.



RIGHT (BOTH)

206 dies are stored in a space once occupied by only 50 dies. The ASRS reduced the requirement of a new building.

BOTTOM LEFT

Two presses, with T-Tables, are served by one Automatic Storage and Retrieval System that accesses storage for up to 50 active dies.

BOTTOM RIGHT

A three press tandem line is serviced by this wire rope style Automatic Storage and Retrieval System with 70 storage slots.



FEATURES

- + Simultaneous lift & travel functions
- + Safe, efficient movement of heavy weight items
- + Modular design
- + Secure, user defined controls to limit access to items
- + Multiple sized storage cells
- + Touch screen user interface
- + Level, accurate location at each level for loading and unloading from lift cart
- + Inventory control

OPTIONS

- + Automatic load weighing
- + Managed die tracking
- + Automatic press loading/unloading of die to/from the system
- + Ballscrew or wire rope lift design
- + PC based remote access diagnostics via modem
- + Front office control package

SPECIFICATIONS

CONTROLLED TRANSFER VARIABLE SPEED

LOADED UP TO 80 FPM UNLOADED UP TO 100 FPM

LIFT SPEED

LOADED UP TO 50 FPM UNLOADED UP TO 100 FPM

STORAGE BAYS

10 TO 1000

STORAGE SIZE

CUSTOMER SPECIFIED

MAXIMUM WEIGHT

50 TONS