



# ATLAS TECHNOLOGIES

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.

# Automatic Storage & Retrieval Systems



*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



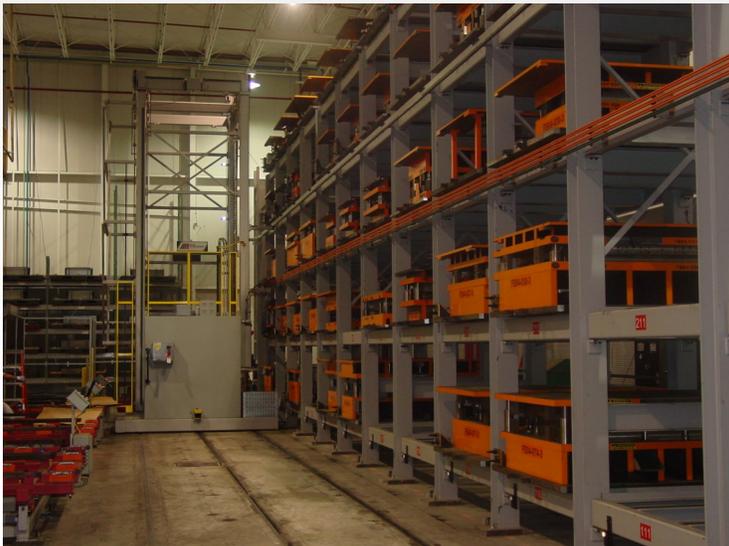
*206 dies are stored in a space once occupied by only 50 dies. The ASRS reduced the requirement of a new building*

# Features & Specifications

## 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

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



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

## 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

## 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

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