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.

**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.

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.

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

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

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.