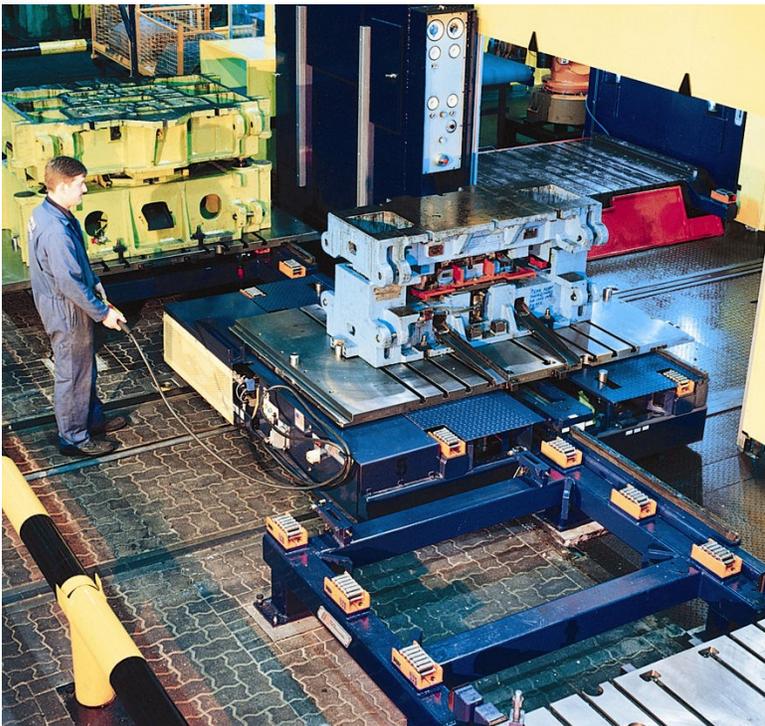




ATLAS TECHNOLOGIES

Atlas self-powered die change systems are used in hundreds of installations for fast, accurate and safe die or mold changeover. They provide controlled movement and positioning of dies in stamping presses or press lines, via pendant or line controls.

A single cart and two racks can serve two stand-alone or tandem line presses.



Die Change Systems



This completely automatic tandem line is routinely changed over in less than two minutes. Dies are pre-staged on Atlas die tables (located between the carts and the presses). The press barrier guards (yellow) are automatically removed by the vertical arms on the die carts.

B e n e f i t s

- Die changeover in minutes, with highly repeatable positioning of dies which eliminates trial and error repositioning
- Increases available production time for presses
- Quick die change allows inventories to be minimized and enables efficient batch run capability
- Eliminates the need for cranes to move the dies in and out of presses
- Reduces the potential for damage to dies and presses
- Improved part quality assurance due to reduced die damage and provides the ability to quickly pull and inspect dies
- Proven technology, heavy-duty design and construction result in high reliability and maintainability
- Improved ergonomics and safety factors
- Atlas is the industry leader with more cart based die change systems in the field than all competitors combined



Die change in progress on a 3-station T-Table at a major AG equipment manufacturing facility.

Features & Specifications

FEATURES

- Heavy-duty wheels, bearings and frame; wheels ride on floor tracks
- Powered ballscrew push/pull module moves dies into and out of the press
- Shot pins transfer forces to the floor and ensure accurate location and locking of the die/subplate and the cart
- Dies are guided by keys or side guides to provide accurate die location
- Standard pendant operated controls
- Caterpillar type roller units
- Can be retro-fitted to existing presses
- Commonly used with Atlas die racks for efficient die exchange and temporary storage



A three minute die set in progress at a European Tier-1 stamping facility



A die transfer cart transports 145,000 pounds during try-out at Atlas Technologies.

SPECIFICATIONS

Die Size: Customer supplied

Die Weight: Up to 100 tons

Cart Travel Speed: Up to 50 ft per minute (15 m/min)

Push/Pull: Up to 30 ft per minute (10 m/min)

Passline: 11" (280 mm) and up

Power: Electric or hydraulic

OPTIONS

- Fully automatic, one button changeover
- Automatic utility connector
- Rider platform
- Integrated safety gates
- Shifting module and support rollers
- Multiple station carts
- Elevating carts

