

**INQUIRIES?**

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PRODUCT DETAILS

Die Change Systems

Atlas Technologies' Blank and Coil Washers clean sheet metal for stamping or blanking operations. The washer is modularly constructed with three to four pair of rolls (6-8 total). The center rolls provide the cleaning while the exit rolls control the residual film thickness. Water or oil based solutions may be utilized.

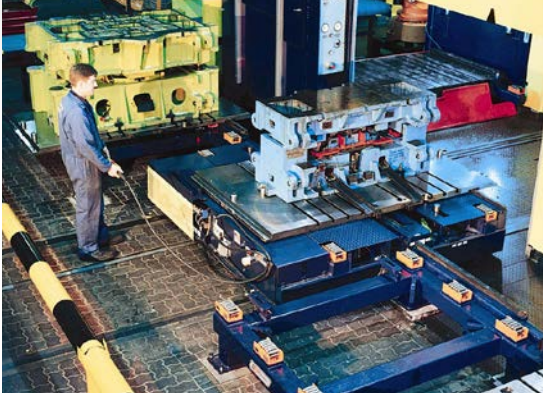
BELOW

Shown above is an entry conveyor, blank and coil washer.



BENEFITS

- + 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

**TOP LEFT**

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

TOP RIGHT

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

BOTTOM LEFT

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

BOTTOM RIGHT

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



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

OPTIONS

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

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