

**INQUIRIES?**

PHONE 1.810.629.6663

FAX 1. 810.629.8145

WEB ATLASTECHNOLOGIES.COM

EMAIL SALES@ATLASTECHNOLOGIES.COM

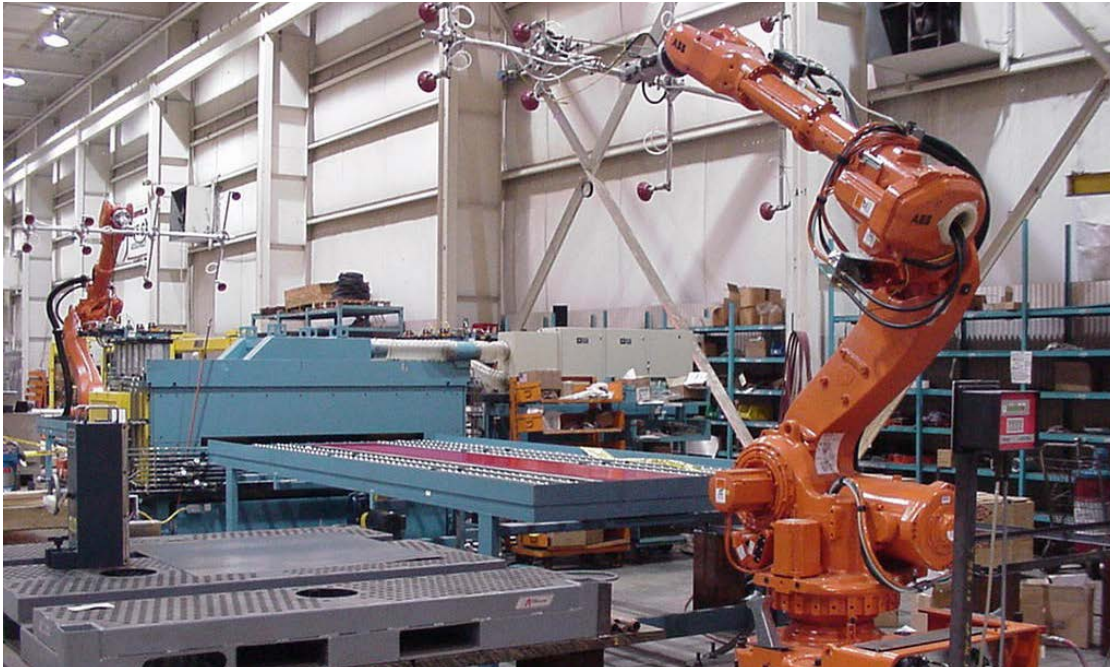
PRODUCT DETAILS

End of Line Blank Stacking System

Atlas Technologies' End of Line Blank Stacking Systems are used to stack sheet metal blanks (rectangular, trapezoidal or contoured shapes) as they exit a blanking press or cut-to-length line. Atlas offers robotic, magnetic belt and magnetic roll stackers for ferrous steel blanks, and vacuum-based stackers for non-magnetic (aluminum) blanks. Systems can be configured to meet desired press speeds.

BELOW

Stacking and destacking is accomplished with robots in the off-line blank washing cell.



BENEFITS

HIGH-SPEED STACKING

- + Improves the productivity of blanking presses and cut-to-length lines allowing the production of more blanks per hour

MORE THROUGHPUT

- + Uptime is maximized; continuous stacking maintains an uninterrupted flow of material

IMPROVED PART QUALITY

- + Ensures consistent surface finish quality by keeping blanks free of contaminants and damage caused by manual handling

**IMPROVED ERGONOMICS AND SAFETY
RELIABILITY & MAINTAINABILITY**

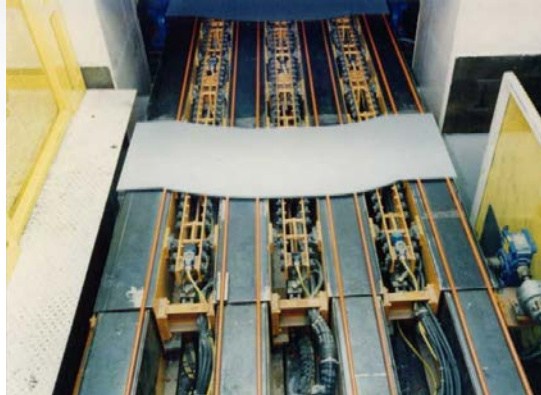
- + Proven technology and heavy duty design result in higher R&M

FASTER CHANGEOVER

- + Changeover can be as simple as calling up a stored program at the control panel

PROVEN IN THE FIELD

- + Numerous installations at steel service centers, contract blankers/stampers and OEM facilities

**TOP LEFT**

A scissor lift minimizes the drop height from the overhead magnetic conveyor (shown with a blank being transferred to the left).

BOTTOM RIGHT

The MagBelt stacking system pictured below features dual stacking stations, runout and cranesaver conveyors, reject stations, inspection tray, lift tables and operator platform.

FEATURES

- + Magnetic belts, magnetic rolls or robots are available
- + Adjustable run-out conveyors
- + Pneumatic stack tampers
- + Stack box adjustments for part changeover
- + Multiple modes (including "stop-and-drop") capability for demanding applications
- + Controls graphic interface with diagnostics
- + The speeds of the drives are adjustable to match or interface with the upstream line speed

OPTIONS

- + Vacuum system to remove debris and dirt
- + Multiple stacks per pallet
- + Rotary table for flexible blank positioning on pallet
- + Programmable changeover
- + Run-out conveyors; can include pop-up rollers
- + Pick and place, drop leaf and dive-in-the-box modes are available
- + Vision systems available for robotic applications

SPECIFICATIONS**NUMBER OF ROLLS**

3-4 SETS

PRODUCTION RATES

UP TO 540 FT (165 M) PER MIN.

BLANK MATERIAL

STEEL OR ALUMINUM

BLANK SIZE MAXIMUM

CUSTOMER SPECIFIED

BLANK THICKNESS RANGE

CUSTOMER SPECIFIED

STACK HANDLING

CONVEYORS, CARTS OR ROLLERS

NUMBER OF MODES

UP TO 9

STACKING ACCURACY

±0.059" (1.5 MM)

NUMBER OF STACKING STATIONS

CUSTOMER SPECIFIED

TAMPING

PNEUMATIC

MAX. ANGLE OF BLANK

30°

MAX. LOAD CAPACITY

CUSTOMER SPECIFIED

MAX. STACK HEIGHT

CUSTOMER SPECIFIED