

**INQUIRIES?**

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PRODUCT DETAILS

MULTI-VAC Conveyor Stacking System

Atlas Technologies' MULTI -VAC Conveyor Stacking System satisfies the needs of companies processing both steel and aluminum blanks. This innovative system has the ability to universally convey and stack nonmagnetic aluminum and magnetic steel blanks using the same belts, settings, and mechanisms.

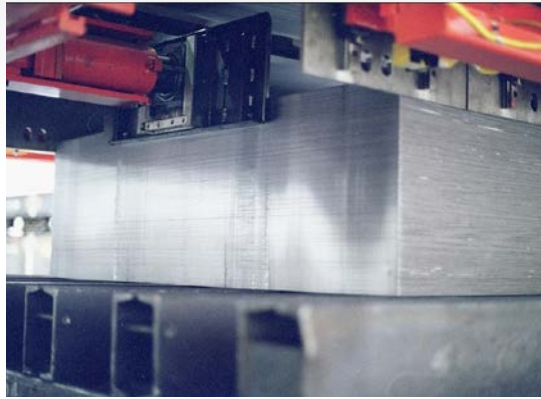
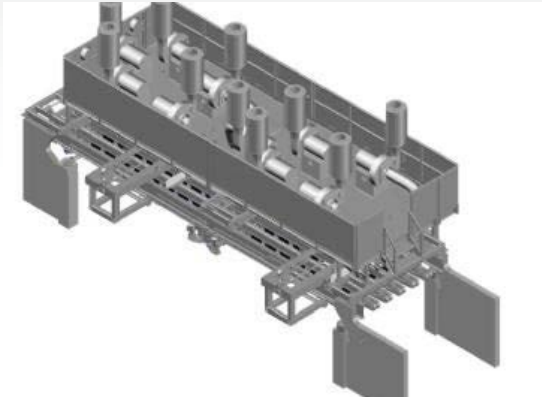
BELOW

Mezzanine walls with sound barrier rails enclose pressure blowers.



BENEFITS

- + Steel and Aluminum are handled with identical machine parameters
- + Slow and Drop stacking mode achieves optimum production rate with minimal blank edge impact.
- + Drop Zone control is provided in increments
- + Conveyors do not require electrically activated magnets
- + Balcony mounted pressure blowers provide easy maintenance and sound control on the plant floor
- + All components including belts are available locally. This equipment is "Made in America"

**TOP LEFT**

Dimensional drawing of the Multi-Vac Stacking System pressure blowers.

BOTTOM RIGHT

The MULTI-VAC system produces crisp, defined, stacks of steel and aluminum blanks.

SPECIFICATIONS

- + Standard drop zones for two stacking stations are 457 mm spacing with 15 standard conveyor zones
- + A 2000mm wide system will utilize 5 fixed conveyor positions on 406 mm spacing
- + Standard Rockwell Automation controls and electric drives are utilized
- + Safety rated systems are provided including PLCs, Relays, Light Curtains, Gate Switches and Lock Out components
- + Control voltage is 24 VDC
- + Communication protocol is Industrial Ethernet
- + HMI 15" color touch screen
- + Stored blank parameters are set and archived production
- + Four programmable stacking modes:
 - Station 1 Only
 - Station 2 Only
 - Station 1 & 2 Continuous
- + Belts are edge guided preventing blanks from going between the belt and pulley.

FEATURES

- + Run out conveyor
- + Stack boxes; automatic or manual set up
- + Pallet and stack handling systems, carts or chain conveyors.
- + MULTI-VAC overhead convey and drop
- + Reject station
- + Manual inspection station
- + Control system, press and feeder integration and operator interface

BLANK SPECIFICATIONS

BLANK MATERIAL

STEEL AND ALUMINUM

BLANK SIZE MINIMUM

230MM WIDE X 300MM LONG

BLANK SIZE MAXIMUM

2000MM WIDE X 3000MM LONG

BLANK THICKNESS RANGE

STEEL

.5MM MINIMUM TO 3.0MM MAXIMUM

ALUMINUM

.75MM MINIMUM TO 3.2MM MAXIMUM

BLANK SHAPES

CONTOURED, WAFFLE EDGE, TRAPEZOIDS, SQUARE AND RECTANGLE