



ATLAS TECHNOLOGIES

Your Source for
Innovation • Durability • Productivity

The 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 non-magnetic aluminum and magnetic steel blanks using the same belts, settings, and mechanisms.

MULTI-VAC Conveyor Stacking System

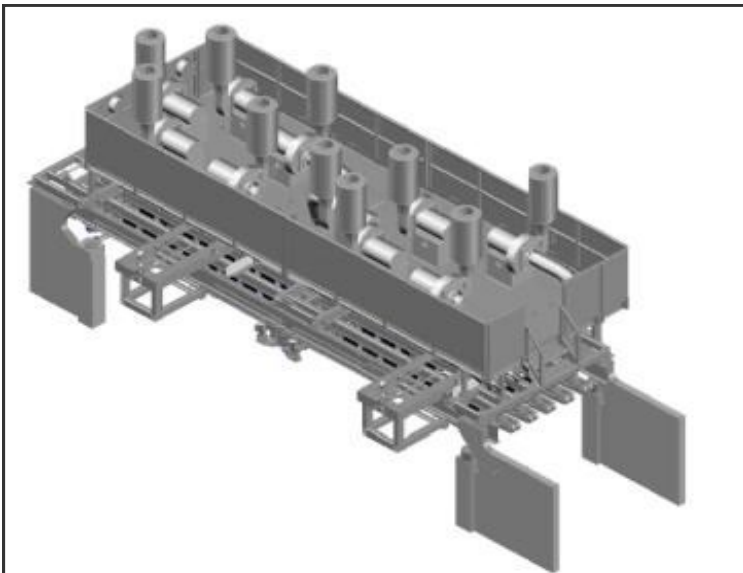


Mezzanine walls with sound barrier rails enclose pressure blowers.

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".

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



Specifications:

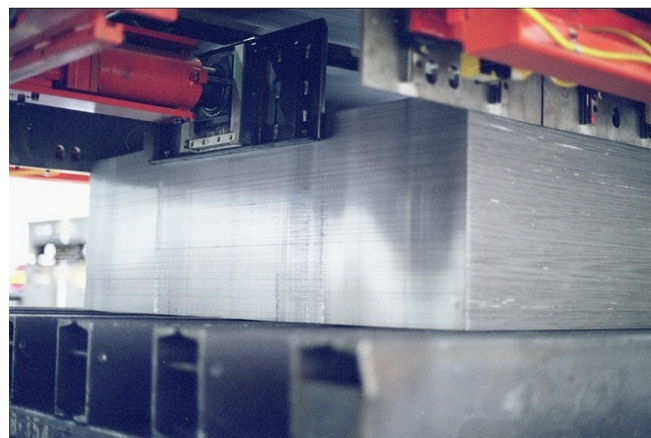
- Standard drop zones for two stacking stations are 457 mm spacing with 15 standard conveyor zones.
- A 2000mm wide system will utilize 5 fixed conveyor positions on 406 mm spacing.
- Standard Rockwell Automation controls and electric drives are utilized.
- Safety rated systems are provided including 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:
 1. Station 1 Only
 2. Station 2 Only
 3. Station 1 & 2 Continuous
 4. Station 1 & 2 Alternating
- Belts are edge guided preventing blanks from going between the belt and pulley.

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.

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.



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