AMPCO AAP
APPLIED PRODUCTS

ATU Sanitary Tote Unloading System

Highly Efficient, Gentle on Product and Your Bottom Line

Unload totes and bins quickly and safely with up to 99% product removal when you use the ATU from Ampco Applied Products. No heating or diluting of product is necessary.

The ATU utilizes the Bornemann SLH-4G sanitary twin screw pump paired with an inflatable seal suction head that stays sealed to the wall of the tote and bin as it moves down, unloading the contents and keeping them free from contamination. The SLH-4G and included cleaning module are fully CIP-able.

The ATU can unload a wide range of product viscosities from 5,000 - 3,000,000 cP with ease. The gentle conveyance and low pulsation of the SLH-4G maintains product integrity as the contents are emptied.

The ATU sanitary tote unloading system offers greater energy efficiency when compared to air-driven units. The main system utilizes an efficient electrically powered pumping system and controls, requiring only a small amount of air to lift/lower and seal the bladder to the tote. This combination reduces operational expense.

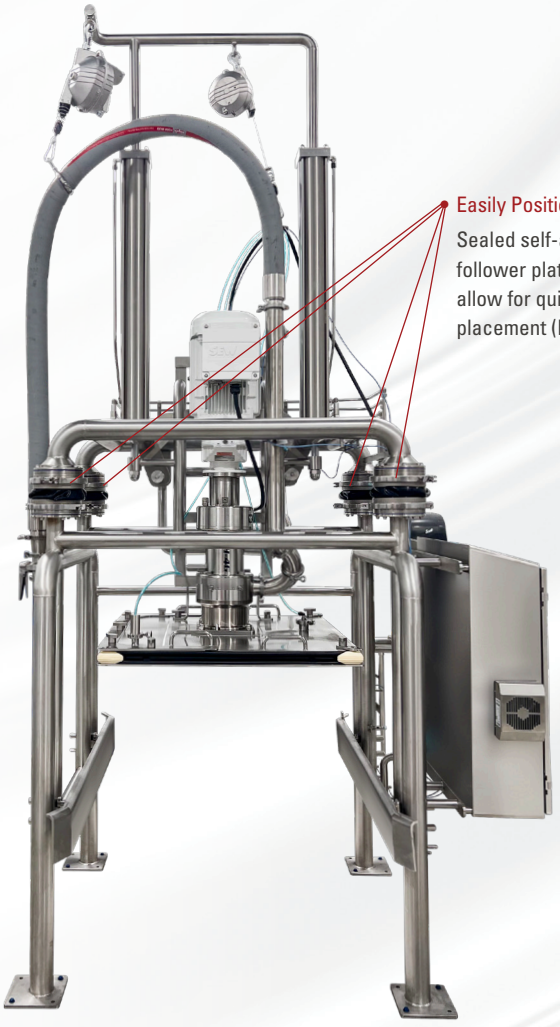
The ATU's sturdy modular design offers cost-effective, ease of maintenance.

DESIGN SPECIFICATIONS:

- 5,000-3,000,000 cP product
- Up to 50 gpm process
- Up to 100 gpm CIP
- 362 psi max discharge pressure

FEATURES:

- Over-pressurization monitoring
- Inflatable tote seal
- Quick and easy tote positioning
- Pneumatic components are separate from electronic components
- Replaceable pneumatic cylinders
- Features the SLH-4G twin screw technology (3A certified)
- CIP adapter included
- Made in the USA
- Low pulsation



Easily Position Totes or Bins:
Sealed self-aligning follower plate bearing pods allow for quick tote or bin placement (Patent-pending)

Inflatable tote seal

CIP cleaning adapter

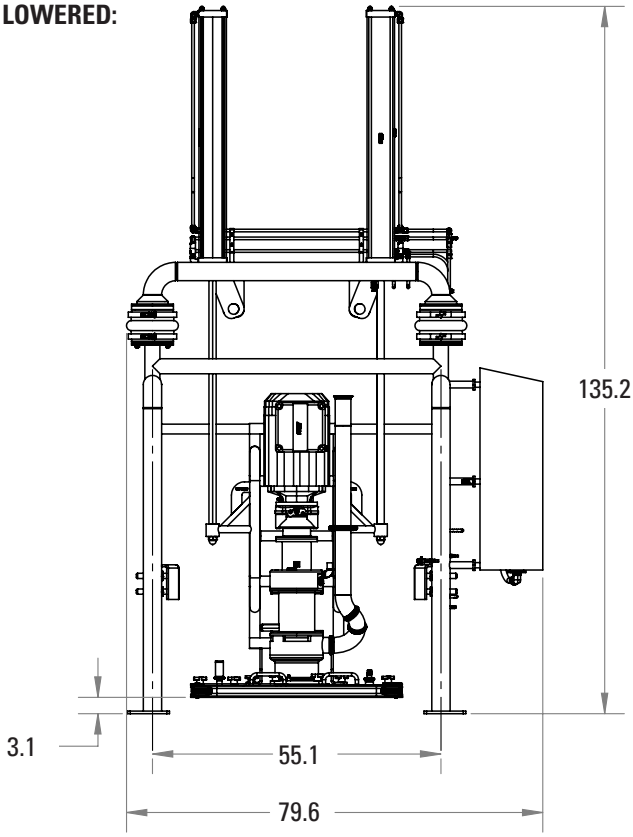
Self-aligning follower plate bearing pod (Patent-pending)

Electrical and pneumatic components separated

Closed coupled

DIMENSIONS:

LOWERED:



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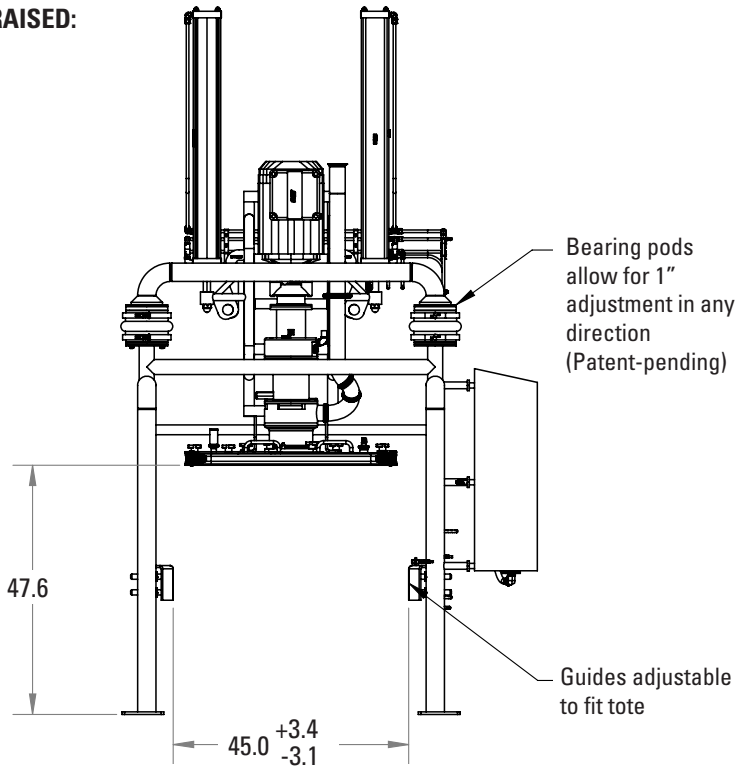


UTILITY REQUIREMENTS:

POWER SUPPLY:

- 460 V | 3 PH | 60 HZ (standard)
- 230 V | 3 PH | 60 HZ (optional)

AIR SUPPLY:

- 90 PSI (standard)

PUMP SEAL SPECIFICATIONS:

- Standard - Single Mechanical
- Optional - Double Mechanical seal
  (seal flush requires a water flow of 16oz/min)

TECHNICAL SPECIFICATIONS:

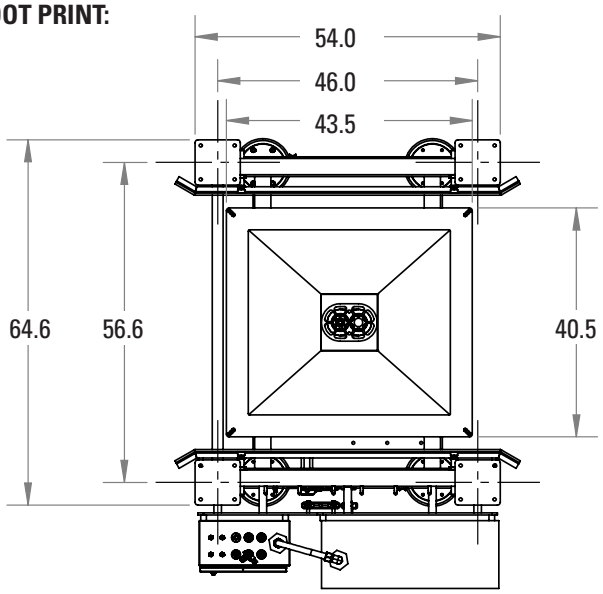
STANDARD CONTROLS:

- NEMA 4X enclosure
- 7" Touch screen display
- Inflatable follower plate
- Discharge pressure sensor

OPTIONAL CONTROLS:

- Allen Bradley controls

FOOT PRINT:



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