

# PRODUCT SETTLER-

# A7



## Controlled vibration prevents over-packing of bagged products

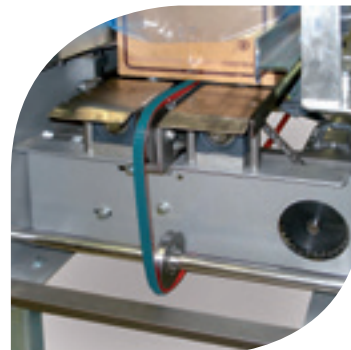
- AC inverted motors with **speed potentiometers** for fine-tuning a variety of products
- **Sturdy frame construction** of laser cut heavy gauge plate and solid bar stock materials for longevity
- Allows **high bypass** of products and fluids on route to the floor
- **Absorbs typical vibration and noise**

Brenton's **A7 product settler** is a compact machine utilizing controlled vibration principles to avoid case over-packing, allowing the case top flaps to close without interference from the product. Loose bagged products such as granola and french fries benefit from settling.

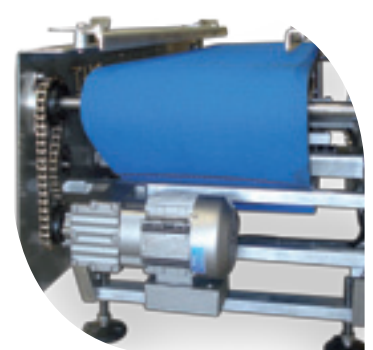


Unlike competitor settling operations that cause the entire machine to vibrate, Brenton's innovative technology ensures precise, focused vibration of only the rocker pulley system while the frame and components remain still, preserving the machine's integrity and longevity.

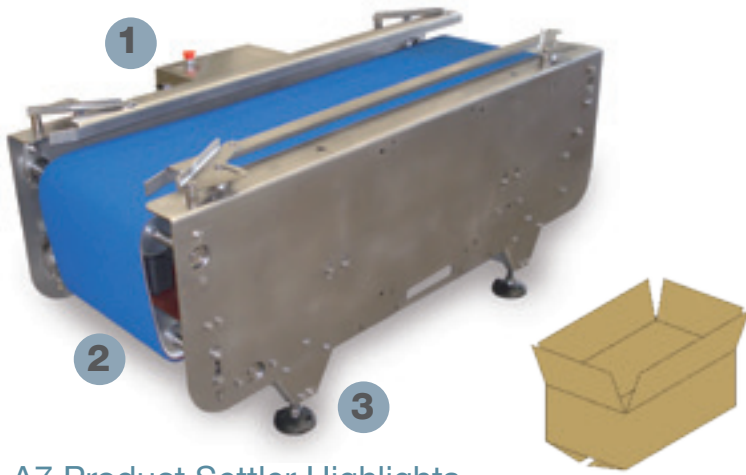
**Brenton**<sup>®</sup>  
powered by Pro Mach 



Machine with single drive belt.



Full width drive belt also available suitable for bagged product applications.

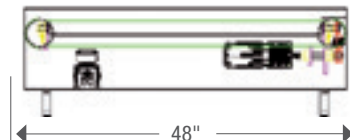
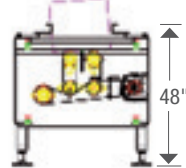
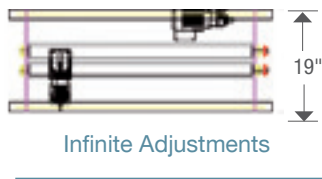


## Specifications

Footprint	48" x 28" x 48" (approx.)
Speed	Accommodates most packaging line production rates; Up to 100 cases/minute for very small cases
Product Type	Variety of loose bagged food (i.e. potato chips, granola, candy, pasta, and frozen fruits, vegetables, french fries & chicken nuggets)
Case Weight	Designed to handle any case weight
Case Type	Accommodates virtually any case type
Case Size	Accommodates virtually any case size
Frame	Carbon Steel (Gray Powder Coat)
Electrical Requirements	NEMA 12
Air Requirements	7 CFM at 80 PSI
Case Conveyance	Application dependent: Stainless steel flight bars, or Conveyor chain with a high friction coefficient to insure positive case travel and case taper feeding
Panel	Start/Stop/E-stop panel. PLC controlled for special applications, including case indexing beneath scale for product loading and settling applications
Options	<ul style="list-style-type: none"> <li>• Load Station</li> <li>• Taper</li> <li>• Overhead Control</li> <li>• Stainless Steel Construction</li> </ul>

## A7 Product Settler Highlights

- Start/stop E-Stop panel (1) Simple, easy to use operation
- Drive belt (2) Heavy 3-ply reinforced "Polyurethane Grip Top"
- Leveling casters (3) Quickly and easily move from line to line
- Compact design Requires minimal floor space
- No. 50 drive chains Maintenance free
- Enclosed gear boxes Quiet operation

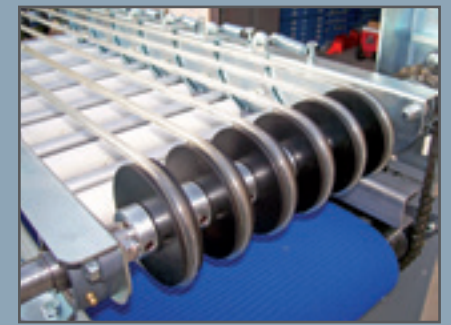


- Manually adjust conveyor bed to case height relative to agitator bars.
- Manually adjust case side guides for various case widths and to increase or decrease case confinement for agitation.
- AC motor with VFD, provided for case conveyance over the agitator bars, can be adjusted to alter agitation duration.
- VFD drive or stepper motors provided for the agitation bar rotation can be adjusted from a very low range of RPM's to a very high range without the risk of stalling the motor, as would be the case on a vibrating platen vibrator.
- Mechanical agitation bar phase shifter allows adjustment of the agitation bars from 0 to 45 degrees out of phase.

Square rocker pulleys change oscillation and frequency on which the machine operates to control vibration.



Overhead control optional to keep product contained in open cases and bags.



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in the **success** of our  
**CUSTOMERS**

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