AERO-MECHANICAL CONVEYING

Nutria

Clean design benefits for sophisticated food processing

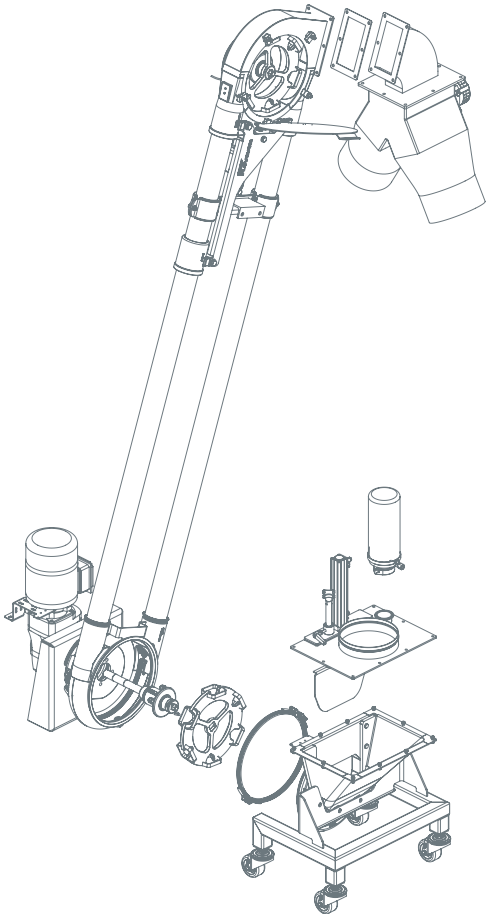
Nutria delivers advanced cleanliness and precision handling for moderately sensitive food processing environments, ensuring heightened hygiene standards at practical investment levels.

Food and Beverage	✓
Agriculture	
Critical Minerals	
Mining and Resources	
Manufacturing	
Chemical Processing	

Optimised value
Balanced design combines necessary hygiene standards with budget efficiency.

Enhanced cleanability
Polished finishes improve sanitation efficiency and reduce microbial risk.

Scheduled cleaning
Designed for effective cleaning on routine sanitation cycles.



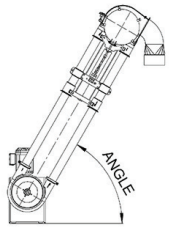
Specifications

Conveyor size	3" (76.2 mm) 4" (101.6 mm)
Internal material contact parts	Stainless steel AISI 304(L) [Optional] AIS 316(L)
External non-contact parts	Carbon steel [Optional] Stainless steel AISI 304
External welding	Continuous, left "as laid"
Internal welding	Continuous, blended and polished
External finishing	Glass bead blasted Stainless steel
Internal finishing	Polished. Typical Ra 0.8 µm (n6) with R 3.2 mm typical corner radii
Tubes	AS-1528.1 Stainless steel sanitary tube
Tube joins	Tri-clamp with food-safe PTFE seal

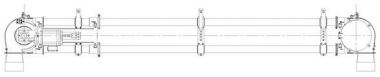
Advantages

- Cleaning methods include dry, inert, or wet COP
- Minimal cleaning time enables rapid product changeovers and validation
- Powders, granules, and fragile materials conveyed with minimal degradation
- Batch and blend integrity maintained across diverse material types
- Batches transferred with negligible residue, reducing cross-contamination risk
- Fully enclosed tube prevents environmental dust contamination
- Optional IECEx/ATEX upgrades allow safe handling of explosive powders
- Lowest cost per tonne of powder elevation available.

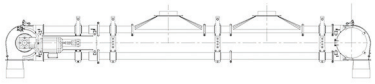
Configurations available



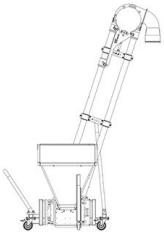
Direct linear



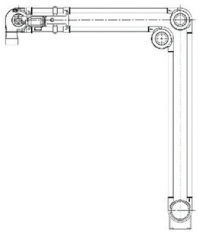
Horizontal



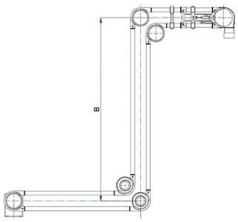
Bi-directional



Mobile



Corner unit



Dual corner unit

Get in touch with us

Find out how to optimise your plant with a Floveyor powder handling system.