AERO-MECHANICAL CONVEYING

Endura

Effortless integration with complex applications and sites

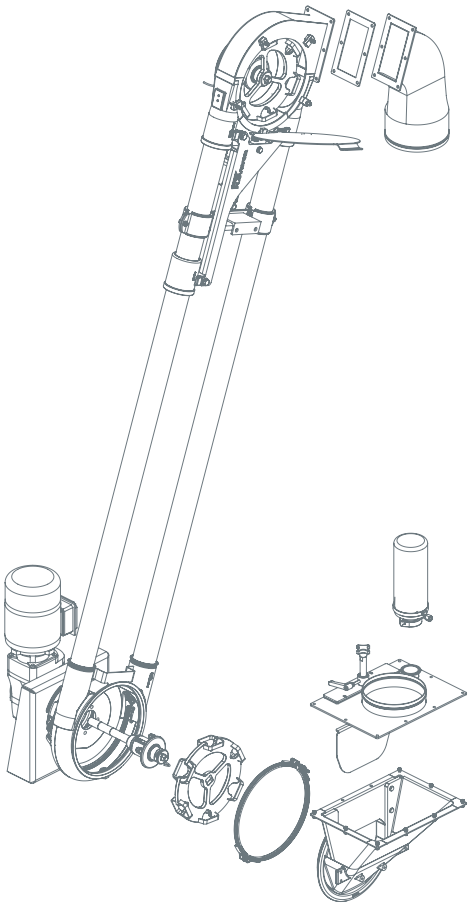
Make even the most challenging industrial operations efficient, safe, and futureproof. Endura provides precision-engineered solutions tailored for sophisticated chemical processing and industrial environments, ensuring unmatched durability, safety compliance, and seamless integration into complex facilities.

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

Hazards compliant
Designed to support optional IECEx/ATEX hazardous dust certification.

Complex applications
Tailored for seamless integration in sophisticated industrial environments.

Futureproof performance
Built to meet evolving safety, compliance, and industrial standards.



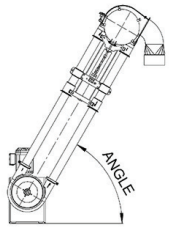
Specifications

Conveyor size	3″ (76.2 mm) 4″ (101.6 mm) 5″ (127 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, left “as laid”
Finishing	Carbon steel painted, Stainless steel glass bead blasting
Tubes	Seamless stainless steel tube
Tube joins	Tri-clamp with PTFE seal

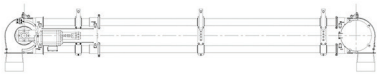
Advantages

- Powders, granules, and fragile materials conveyed with minimal degradation
- Batch and blend integrity maintained across diverse material types
- High throughputs — up to 54 tph — with minimal installed power
- Fully enclosed tube prevents environmental dust contamination
- Cleaning methods include dry, inert, or wet CIP/COP
- Certified options for IECEx/ATEX hazardous dust zones
- Modular, compact design integrates easily into new or existing processes
- Lowest cost per tonne of powder elevation available.

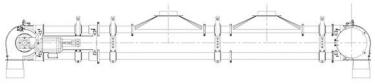
Configurations available



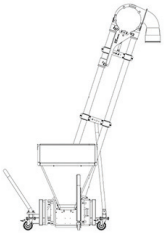
Direct linear



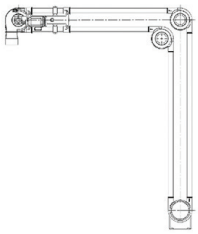
Horizontal



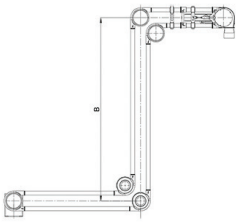
Bi-directional



Mobile



Corner unit



Dual corner unit

Get in touch with us

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