CABLEVEY CONVEYORS
The Gentle Way to Convey

Tubular Drag Conveyors: Cable vs. Chain

Cost

CABLE
Medium upfront cost
Low maintenance cost
High efficiency

CHAIN
Medium upfront cost
High maintenance cost
Low efficiency

What are the standard preventative maintenance requirements for your conveyor system? Frequency of maintenance, how extensive and how easy the system is to access are all factors that need to be considered. A system that requires frequent maintenance and part replacements will affect production throughput and cost of operation.

What to Avoid: ***ROUND-LINK CHAIN***
Round-link chain conveyors tear up sprockets resulting in excessive maintenance and prolonged downtime.

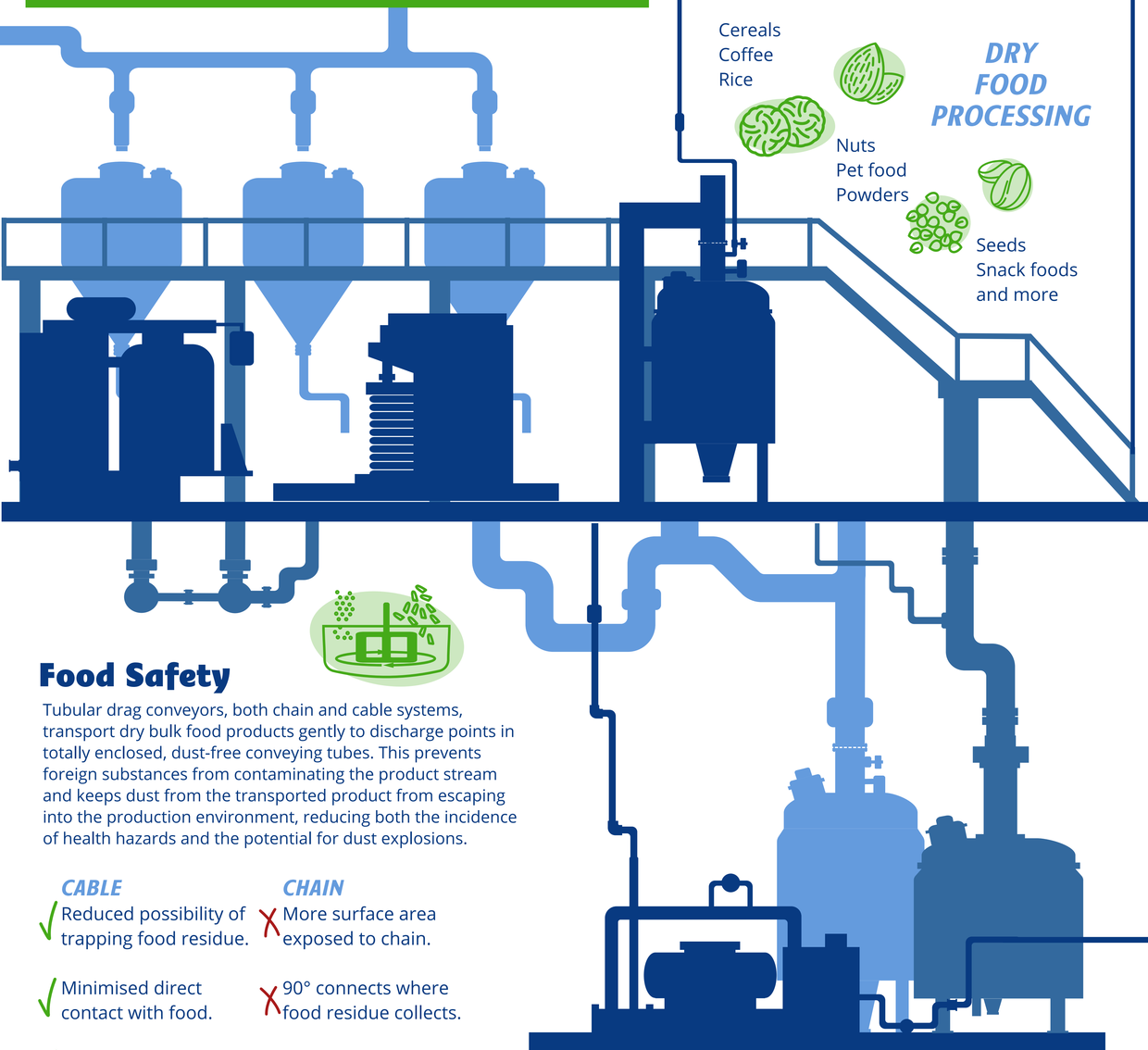
Although similar in the functionality for food processors, tubular chain and cable drag conveyors have distinct differences in components and operation. A closer look at these systems will help food manufacturers better understand which system would best support their dry food processing requirements.

DRY FOOD PROCESSING

Cereals
Coffee
Rice

Nuts
Pet food
Powders

Seeds
Snack foods
and more



Food Safety

Tubular drag conveyors, both chain and cable systems, transport dry bulk food products gently to discharge points in totally enclosed, dust-free conveying tubes. This prevents foreign substances from contaminating the product stream and keeps dust from the transported product from escaping into the production environment, reducing both the incidence of health hazards and the potential for dust explosions.

CABLE	***CHAIN***
✓ Reduced possibility of trapping food residue.	✗ More surface area exposed to chain.
✓ Minimised direct contact with food.	✗ 90° connects where food residue collects.
✓ Removable equipment for easy cleaning.	✗ More difficult to clean and keep sanitary.

Cleaning Options

CABLE
Dry Cleaning options: Brush box, urethane wiper disc, air knife, sponge disc and sanitising cleaner, bristle brush.

Wet Cleaning Options: Foam agent, sanitising rinse, water rinse.

CHAIN
Dry Cleaning options: brush box, chain knockers

Wet Cleaning options: Foam agent, sanitising, rinse, dry air.

Cable is 25% stronger than chain

System Operations

CABLE	***CHAIN***
Fewer moving components and less friction means more system uptime.	Moving components add to possible system downtime when maintenance is required.
Runs on lower horsepower.	Requires more horsepower.

Other Uses

CABLE
Suspension bridges, elevators, cranes, and aircraft control systems.

CHAIN
Bikes and forklifts

To learn more about cable conveyors visit Cablevey.com