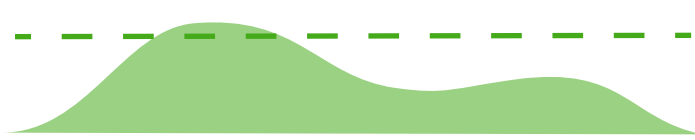


Tubular Drag Conveyors: Cable vs. Chain

Cost

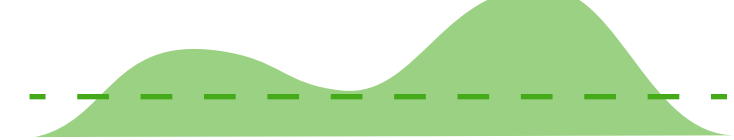
CABLE

Medium upfront cost
Low maintenance cost
High efficiency



CHAIN

Medium upfront cost
High maintenance cost
Low efficiency

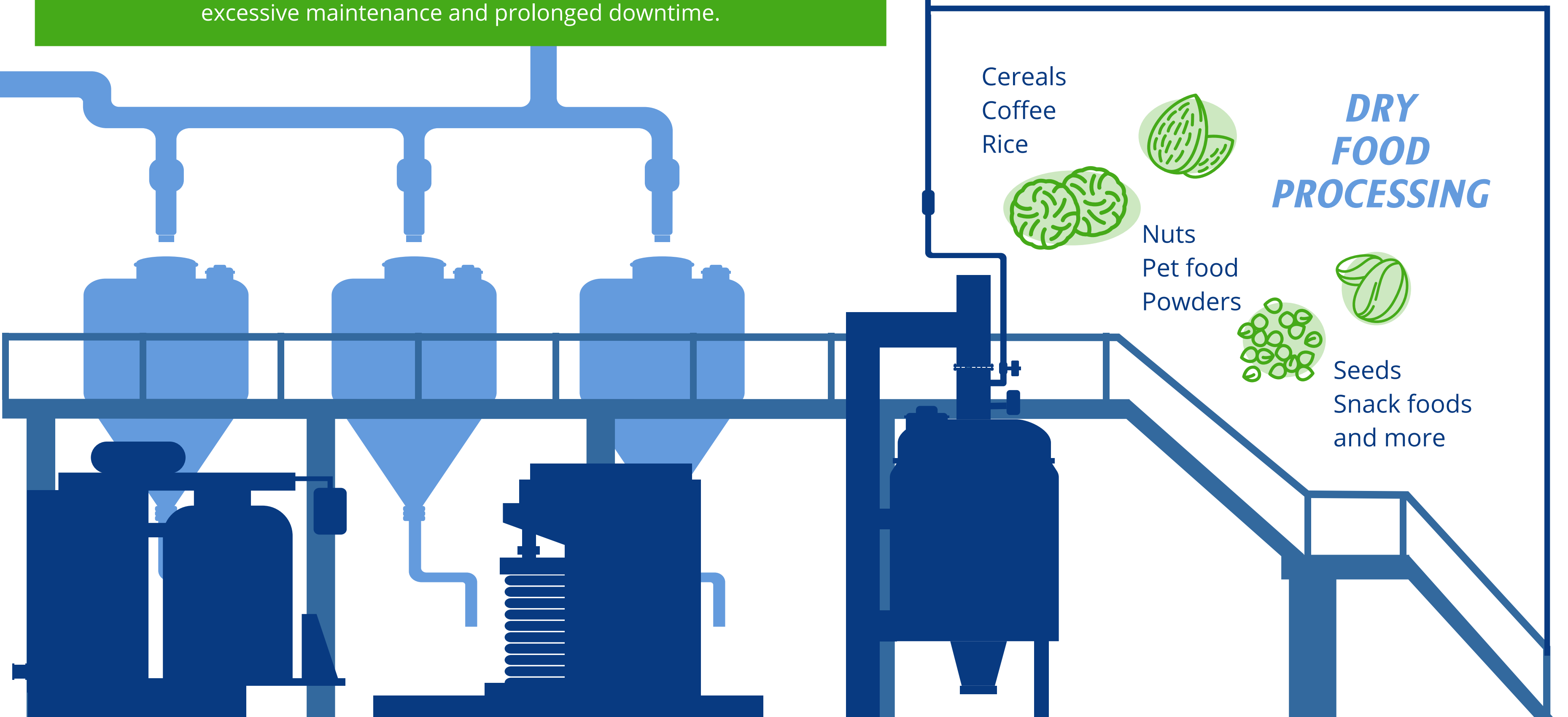


What are the standard preventative maintenance requirements for your conveyor system? Frequency of maintenance, how extensive and how easy the system is to access are all factors that need to be considered. A system that requires frequent maintenance and part replacements will affect production throughput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



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

- ✓ Reduced possibility of trapping food residue.
- ✓ Minimised direct contact with food.
- ✓ Removable equipment for easy cleaning.

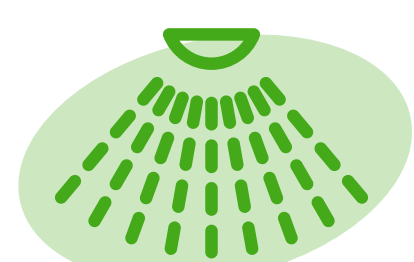
CHAIN

- ✗ More surface area exposed to chain.
- ✗ 90° connects where food residue collects.
- ✗ 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.

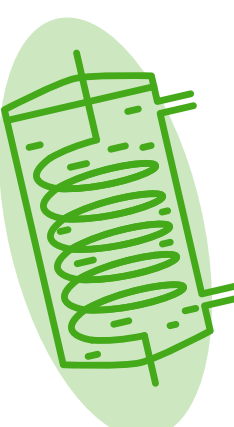


CHAIN

Dry Cleaning options:
brush box, chain knockers

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

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



Cable is 25% stronger than chain



System Operations

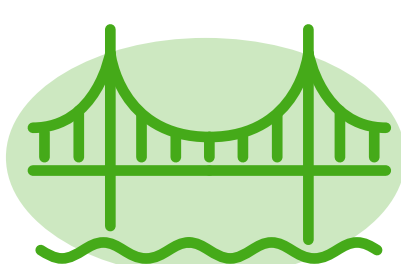
CABLE

Fewer moving components and less friction means more system uptime.
Runs on lower horsepower.

CHAIN

Moving components add to possible system downtime when maintenance is required.
Requires more horsepower.

Other Uses



CABLE

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



CHAIN

Bikes and forklifts