

Technology Comparison: Total Cost of Ownership

Q How do two popular materials handling technologies stack up when it comes to animal nutrients?

Case Study: Materials handling for animal nutrients

- Infeed: 25 kg disposable bags
- Inlet: Integrated bag dump station
- Discharge: Mixer inlet at 5 m elevation
- Throughput: 8 tonnes (8.8 short tonnes) per hour

- Materials handled:
- Dicalcium Phosphate
 - Magnesium Oxide
 - Acid Buf
 - Zinc
 - Sulphate Monohydrate
 - Salt
 - Copper Sulphate

Floveyor Aero-Mechanical Conveyor

- 3-inch conveying tube
- Stainless steel 304 contact materials
- Painted mild steel structure
- 20 feet (6.1 meters) long
- C/W integrated bag dump station

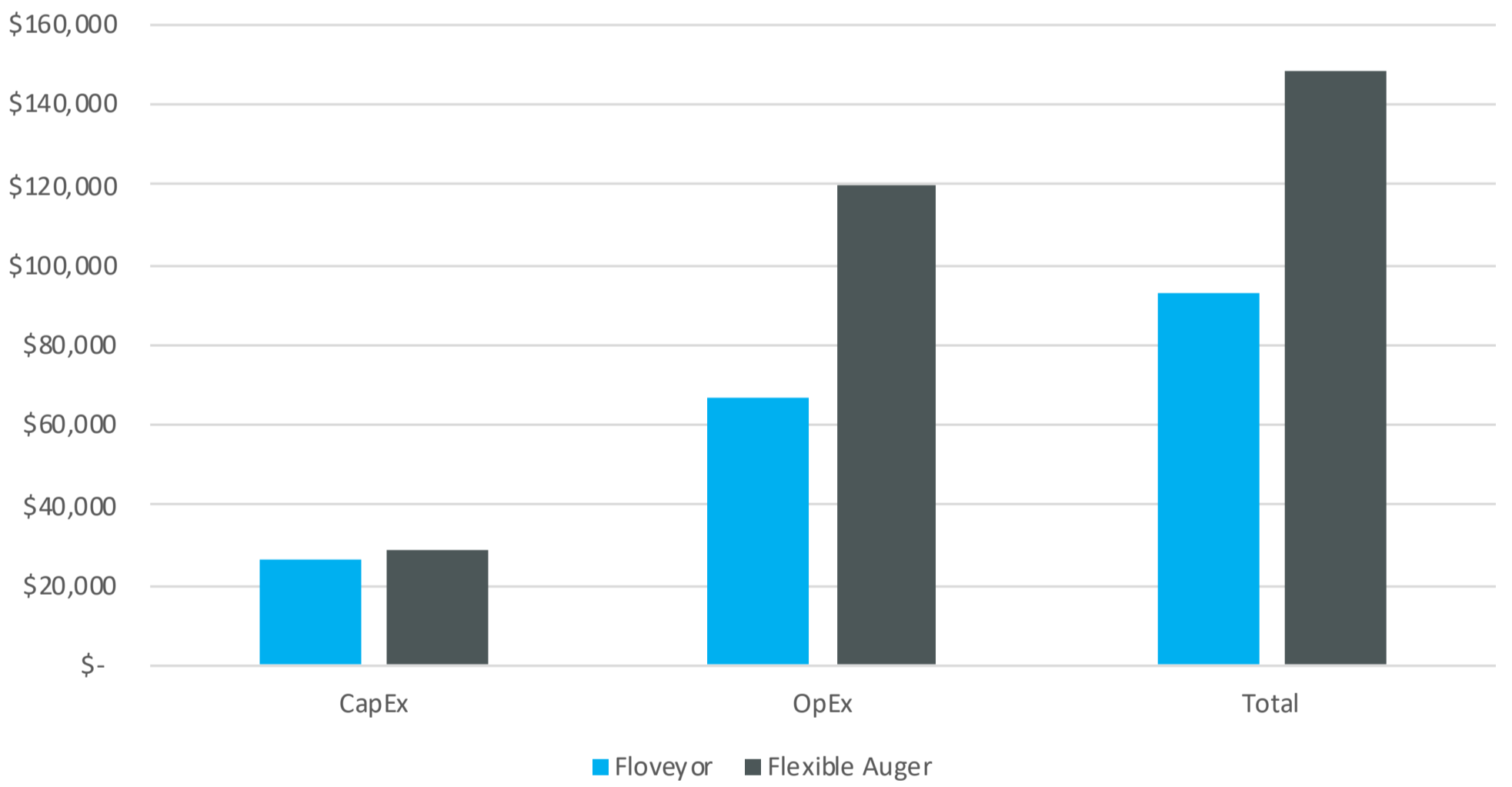
VS

Flexible Auger (Screw Conveyor)

- 4-inch conveying tube
- Plastic contact materials
- Painted mild steel structure
- 20 feet (6.1 meters) long
- C/W integrated bag dump station

Total Cost of Ownership

Comparison over a 10-year period in US Dollars



Breakdown of Total Cost of Ownership

Comparison over a 10-year period in US Dollars

