

# Technology Comparison: Total Cost of Ownership

**Q** How do two popular materials handling technologies stack up when it comes to urea prill?

## Case Study: Materials handling for urea prill

- Infeed: Truck unloading feeder
- Inlet: Adapter for process connection
- Discharge: Storage silo Inlet @ 15m elevation
- Throughput: 80 tonnes (88 short tons) per hour
- Material: Urea prill

### Floveyor Aero-Mechanical Conveyor

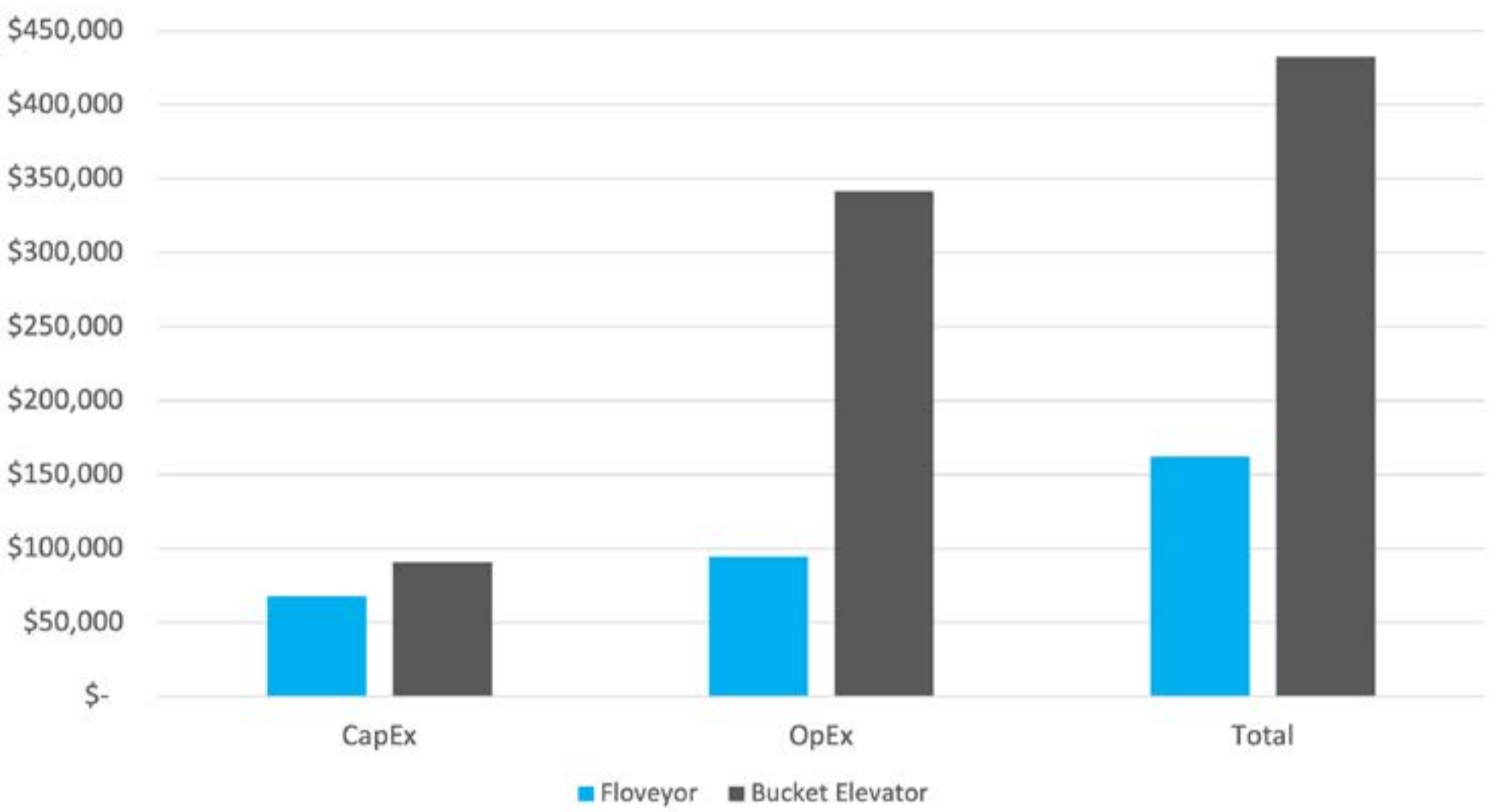
- 5-inch conveying tubes
- Stainless steel 316 contact materials
- Stainless steel 316 structure
- 55' (16.8 meters) long
- C/W dry cleaning accessories

**VS**

### Bucket Elevator

- Chain-driven, replaceable buckets
- Stainless steel 316 contact materials
- Stainless steel 316 structure
- 55' (16.8 meters) long
- C/W structural supports

**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

