

With over six decades of experience in designing and manufacturing bucket elevators, the SIMPLEX Bucket Elevator is the gold standard in the industry. Available in a wide range of sizes, configurations and capacities, all SIMPLEX designs are easily modified to maximize space utilization, reduce cost and enhance process efficiency.

## DESIGN FEATURES

V-STYLE OVERLAPPING BUCKETS

POSITIVE BUCKET CONTROLS

OPTIONAL OPEN TUBULAR OR CLOSED CASING FRAME DESIGN

AVAILABLE STAINLESS OR CARBON STEEL CONSTRUCTION

HEAVY DUTY CONSTRUCTION FOR LONG LIFE AND LOW MAINTENANCE

HIGH-IMPACT INJECTION MOLDED PLASTIC BUCKETS

EXTRA LONG AND HEAVY-DUTY CHAIN PIVOT PINS RESIST BENDING

UHMW CHAIN TRACKS SPACED AWAY FROM SIDEWALL

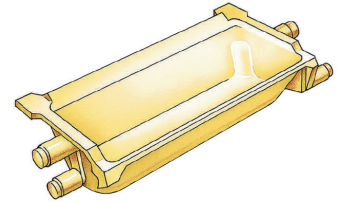
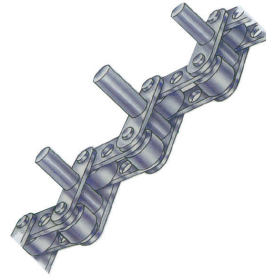
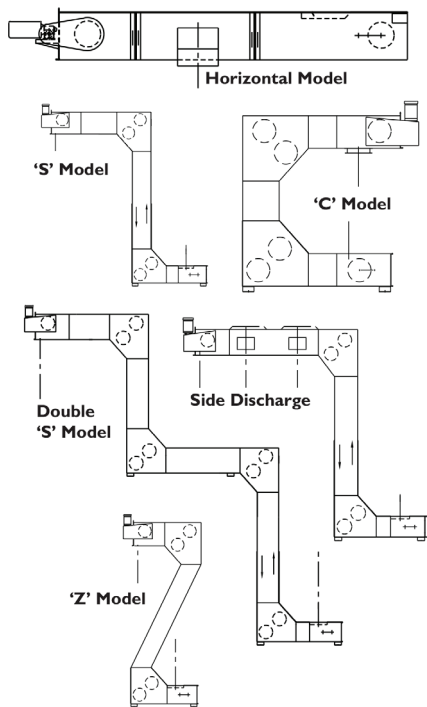
PFI's EXCLUSIVE TRUE RUNNING SPROCKET REDUCES CHAIN SIDE PLATE WEAR

SECTIONAL DESIGN FOR FUTURE LENGTH CHANGES

TORQUE LIMITER OVERLOAD PROTECTION DEVICE

OPTIONS INCLUDE INTERNAL CIP SYSTEMS, INDEXING, INTEGRATED FEEDERS, COVERS, MULTIPLE DISCHARGE LOCATIONS, RIBBED BUCKETS AND MORE

## AVAILABLE CONFIGURATIONS



- Extra long and heavy duty pivot pins resist bending or breaking
- Double-pitched with oversized steel rollers
- Mild or stainless steel options available
- Steel-bushed to minimize friction and provide for additional strength and durability
- High impact injection molded plastic buckets as a standard
- Metal detectable injection molded buckets available
- V-style overlapping buckets reduce product build up
- Several widths and styles available
- Positive bucket controls prevent premature dumps and spills

### 482 SERIES

- 12" - 48" bucket sizes
- 840-3,780 cubic ft/hr
- designed with the most demanding requirements in mind
- large diameter sprockets to help ensure a long chain life

### 462 SERIES

- 9" - 24" bucket sizes
- 252-1073 cubic ft/hr
- high impact injection molded, plastic buckets (cast aluminum, stainless or mild steel buckets available as options)

### 452 SERIES

- 6" - 18" bucket sizes
- 135-640 cubic ft/hr
- high impact injection molded, plastic buckets (cast aluminum, stainless or mild steel buckets available as options)

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