DESIGNED & BUILT IN CLEBURNE, TX • IN-HOUSE ENGINEERING & FABRICATION

ENGINEERED FOR RELIABILITY. BUILT TO PERFORM.

# Bucket Elevators

Centrifugal and continuous bucket elevators for precise vertical conveying.

## EFFICIENT VERTICAL CONVEYING. ENGINEERED FOR YOUR APPLICATION.

Orthman offers two primary bucket elevator designs: Centrifugal Discharge and Continuous Discharge. The proper design depends on the material being handled, required capacity, and application requirements.

Systems are available in a wide range of sizes and configurations, with capacities up to 12,400 cubic feet per hour.

- **Reliable Vertical Lift**
  Moves flowing powders and bulk solids straight up.
- **Gentle Handling**
  Minimizes product degradation.
- **Two Designs**
  Centrifugal for free-flowing solids; continuous for fragile, light materials.
- **Belt or Chain**
  Configured to the material and capacity.
- **Access Doors**
  For easy inspection and maintenance.

BUILT WITH

## ORTHMAN QUALITY.

Manufactured in the USA, Orthman bucket elevators are built with the craftsmanship, engineering expertise, and quality materials that have defined Orthman equipment for decades. Every unit is engineered to deliver dependable performance, long service life, and the durability required for demanding industrial environments.

- Wastewater Treatment
- Recycling
- Wood Products & Pulp
- Food Processing
- Mining & Minerals
- Chemical Processing
- Agriculture
- Alternative Fuels
- Oil & Gas
- Cement & Aggregate

### HAVE A MATERIAL-HANDLING CHALLENGE?

Let an engineer help.

Scan the QR code or visit:
**orthmanconveying.com**

650 W. Industrial Blvd.,
Cleburne, TX 76033

682-356-6200 · 877-664-2687

sales@orthmanconveying.com

FEATURES & OPTIONS

# Built for Demanding Applications.

Selection depends on the capacity needed and the characteristics of the material — Orthman offers a wide range of designs for each.



## Centrifugal Discharge Elevators

Operate at higher speeds and use centrifugal force to discharge material as the buckets pass over the head pulley.

- Higher operating speeds
- High-capacity material handling
- Effective for free-flowing, non-sticky materials
- Efficient discharge at the head section

## Continuous Discharge Elevators

Operate at slower speeds and use gravity to provide a smoother, more controlled discharge as the buckets pass over the head section.

- Slower operating speeds
- Gentle material handling
- Controlled gravity discharge
- Reduced material degradation

### 01 Belt or Chain Options

Belt or chain configuration selected for the material and required capacity.

### 02 Heavy Duty Construction

Built with quality materials for dependable performance, long service life, and durability in demanding industrial applications.

### 03 Custom Inlet Hopper & Discharge

Inlet hopper and discharge throat arrangements engineered for the application.

### 04 Range of Sizes & Capacities

Elevator sizes and configurations selected to meet material and capacity requirements.

### 05 Inspection & Maintenance Access

Access doors and removable covers provide access to key components for inspection, cleaning, and routine maintenance.

### 06 Wear Resistance Options

Wear-resistant liners can be incorporated in high-wear areas to help protect the housing when handling abrasive materials.