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### Bucket Elevator **DESIGN DIFFERENCES** Our bucket elevators are available with your choice of:

Material Discharge **Bucket Construction Drive Mechanism** Centrifugal Belt Types • Material can be freeflowing with a small percentage of lumps Recommended • Buckets use centrifugal force for moderate-duty to eject material applications Recommended for Fabricated steel Cast steel high-volume applications Chain Continuous Material can be heavy and in large lumps that can pack together • Buckets use gravity to discharge Recommended Stainless steel Synthetic (polyethylene, material. for severe-duty (for corrosive applications materials and nylon, urethane)

Construction

DETAILS

• Steel plate elevator casings with reinforced corners

Recommended for severe-duty

applications and products that require minimal degradation

- Inspection doors at all accessible locations
- Heavy-duty steel boots and frames with manual or gravity take-up
- Removable boot panels for sprocket or pulley maintenance
- Various wear liner options for boot and discharge
- Heavy-duty shaft bearing supports on head sections

- Flanged discharge hood with an inspection door
- Optional operator's platform around three sides of the elevator head
- Optional steel ladders surrounded by heavy forged steel safety cages
- Safety components such as a zero-speed, plugged chute, a backstop and belt alignment (belt only) included as standard

# Expert Advice on **BUCKET ELEVATOR OPTIONS**

environments)



Before we spec out any project, we work directly with you to thoroughly understand your plant flow and business needs. This information will dictate our equipment recommendation.

The type of commodity you're working

with and the lift elevation you require are

other aspects of your application that will influence bucket elevator selection.





CDM offers more than 40 years of experience and expertise with bucket elevators as well as a variety of configurations and additional options to help you make the right equipment decision.

## CONTACT US TODAY

to request a quote for a bucket elevator built with the industry's most rugged, reliable components.

#### CDM Systems, Inc.

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