

# simplex bucket elevator



- The Simplex Bucket Elevator combines proven design and durable construction
- Available in a wide range of sizes, configurations and capacities
- Built in both open and casing frame designs
- Buckets available in different shapes depending upon product requirements
- Multi-drop facility available to maximise throughput and versatility
- Manufactured under Licence from the Meyer Machine Company USA

## **Application**

**Dry, granular, free-flowing products**

**Non free-flowing products**

**Pasta, spaghetti**

## **DESIGN**

- The Cox & Plant Simplex Bucket Elevator combines high quality and double pitch chain with oversized steel rollers and U.H.M.W.P stand-off tracks for quiet, trouble free operation
- All chains for the Cox & Plant Simplex Bucket Elevator are steel-bushed to minimise friction and provide for additional strength and durability
- Heavy duty bucket pivot pins extend through both side plates of the chain and the extended length of these pins, combined with the increased diameter, protect against bending or breaking, a leading cause of jams and spills
- The Cox & Plant Simplex Bucket Elevator feature a Positive Bucket Control system which ensures that the cams and guide bars maintain the buckets in their proper orientation throughout the process in the elevator

## **OPTIONS**

The Cox & Plant Simplex Bucket Elevator is available in open and casing frame designs

A wide range of dimensions and bucket sizes, depending upon product and throughput

Multiple side discharges are another option for faster flowing lines

## **TECHNICAL SPECIFICATION**

The Cox & Plant Simplex Bucket Elevator is manufactured from either stainless steel which is supplied with a bead blast, brushed or polished finish

Alternatively a mild steel finish is available, painted with a high performance non toxic synthetic enamel

Buckets are available in polycarbonate, polycarbonate alloy, fabricated mild and stainless steel

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