

# CONTINUOUS VERTICAL CONVEYORS

# MODEL CVC

Z-Configuration Down Flow  
Shown Below

## QUALITY COMPONENTS

Roach continuous vertical conveyors are manufactured from the best components and materials available. Our brake motors, gear reducers, chains, bearings and belts (did we leave anything out?) are of the highest quality. We can move you to a higher level with quality constructed Roach continuous vertical conveyors.

## SYNCHRONIZED LOADING

Detection sensors are stationed at feeder conveyor to detect both product and carrier platform for precision loading. All continuous vertical conveyors are supplied with feeder conveyor. Located at infeed of vertical conveyor, the feeder conveyor meters loads into the carrier platform for precise handling.

## SAFETY GUARD

In today's industrial workplace, personnel safety is crucial. A productive workplace is important but a safe productive workplace is a MUST. That's why you'll find protective guarding in all the right places on Roach vertical conveyors. Expanded metal wire mesh guarding safeguards your personnel. Roach continuous vertical conveyors are as safe to use as they are productive.

## DANGER AHEAD

Entrance and exit guards (or "hoods") are included with every continuous vertical conveyor to prevent personnel access and are designed for maximum product size conveyed. Our signage is an integral component feature of ALL Roach CVC's. It's important to you AND it is important to Roach, that your workplace remains a safe workplace.

## LASTING IMPRESSION

All continuous vertical conveyors are constructed for the long haul. The framework is welded structural square tubing and x-bracing for thousands of hours of trouble-free operation. Model CVC is powder painted for a lasting impression.

## ELECTRICAL FEATURES ON MODEL CVC

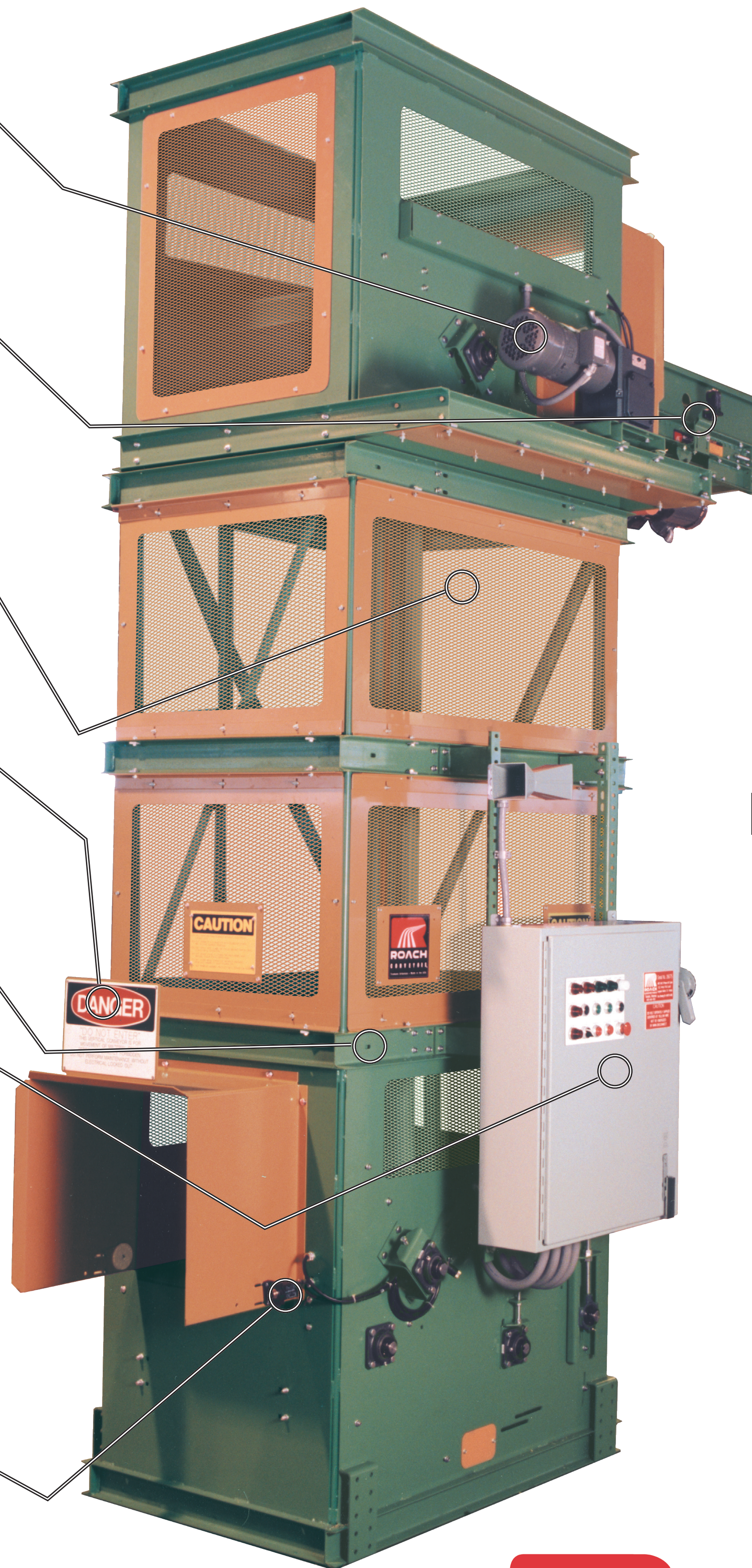
- NEMA 12 Enclosure
- Flange Mounted Disconnect
- Circuit Breakers
- Control Transformer
- Allen-Bradley PLC Micrologix Processor
- Allen-Bradley 9000 Series Polarized Retro Photoeye
- Allen-Bradley Quick Disconnect Photoeye Connector Cable
- Allen-Bradley 802T Series Limit Switches
- Allen-Bradley IEC Starters
- Allen-Bradley 800T Series Pushbutton
- Allen-Bradley 800T Series Light Indicators

The CVC and it's feeder will always include an enclosure for controls. And, in some instances, controls for the entire conveyor system may be housed in the CVC controls enclosure, eliminating the need for additional enclosures.

## SENSORS AND FULL LINE DETECTION

Whether your load moves up or down, Roach CVC's are equipped to prevent mishaps. A sensor is mounted on the discharge flow conveyor to detect full line loading conditions. The continuous vertical conveyor is allowed to discharge all loads and continue in motion ready to convey the next possible load once the discharge flow conveyor sensor is clear. Sensors are also provided to stop up or down travel in the unlikely event of a product overhanging the carrier platform "safe" area.

**Don't be Vertically Challenged!**



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