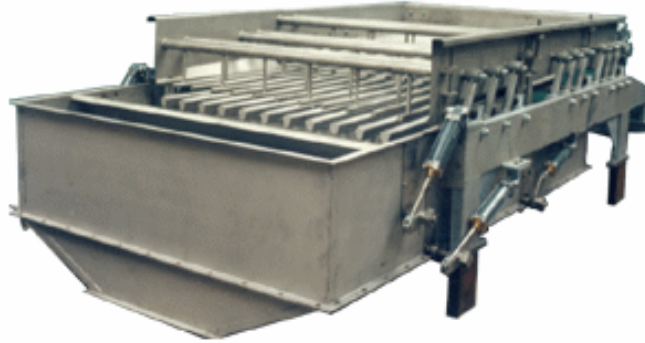


## vibratory bar gradereyor™



### **Cox & Plant's advanced vibratory Bar size grader Conveyor**

The Bar Gradereyor™ is Cox & Plant's advanced Calibrating Conveyor that can grade potatoes and similar root crops of all shapes and sizes, into two or three grades to a maximum throughput of 30 tonnes per hour. The Cox & Plant The Bar Gradereyor™ is dual-purpose machine as it can be used with a dewatering capacity in addition to its grading capabilities. Already used by the UK's leading processors, The Calibreyor™ is industry proven and built to last.

- The Bar Gradereyor™ is designed to process any size or shape of potato or similar root crop.
- The Bar Gradereyor™ can be adjusted to select the required size of potato product or similar root crop.
- The Bar Gradereyor™ is easily adjustable for grade changes.
- The Bar Gradereyor™ is often the first conveyor used after a flume system, so can dewater and grade simultaneously.

#### **Application**

**Potatoes - whole or peeled.**

**Beets - whole or peeled.**

**And any other processing of fresh, chilled and frozen potato or similar root products**

## **DESIGN**

- The Cox & Plant Bar Gradereyor™ incorporates the rod bar system™ to maximise versatility and minimise downtime of changeover time.
- The Cox & Plant Bar Gradereyor™ incorporates our unique adjustment Mechanism to allow the line operatives easy calibration even whilst the line is in operation.
- The Cox & Plant Bar Gradereyor™ provides maximum flexibility and can be used for different size products or even different types of products.
- The Cox & Plant Bar Gradereyor™ is robustly built for whole potato processing.
- The Cox & Plant Bar Gradereyor™ is fully adjustable for grade and diameter changes.
- The Cox & Plant Bar Gradereyor™ can be placed on mezzanine floors, which benefit from the use of natural gravity for efficient product flow.
- The Cox & Plant Bar Gradereyor™ can also de-water and calibrate products.

## **OPTIONS**

The Cox & Plant Bar Gradereyor™ can be fitted with automatic or manually operated gates can be provided.

Product diverters can be incorporated into The Cox & Plant Bar Gradereyor™ design.

The Cox & Plant Bar Gradereyor™ can be designed with flared in-feed and bias discharge design

## **TECHNICAL SPECIFICATION**

The Cox & Plant Bar Gradereyor™ is manufactured from all stainless steel and supplied with a bead blast finish, facilitating lifetime free maintenance.

Supports can be provided in stainless steel.

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