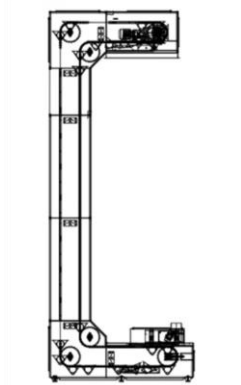


## Bucket Chain Elevator (BCE)

**Contact us directly.**

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## What does it do?



The Bucket Chain Elevator (BCE) is designed to lift material from point A to point B by means of buckets. The buckets are pulled by two chains. The BCE is typically used to lift the reject material and return it to the main flow in a sampling solution.

## What's the benefit?

- Compared to a conveyor belt the BCE can lift material vertically.
- The BCE can handle large quantities of material.
- The special design of the buckets ensures high stability and reduced risk of spillage.

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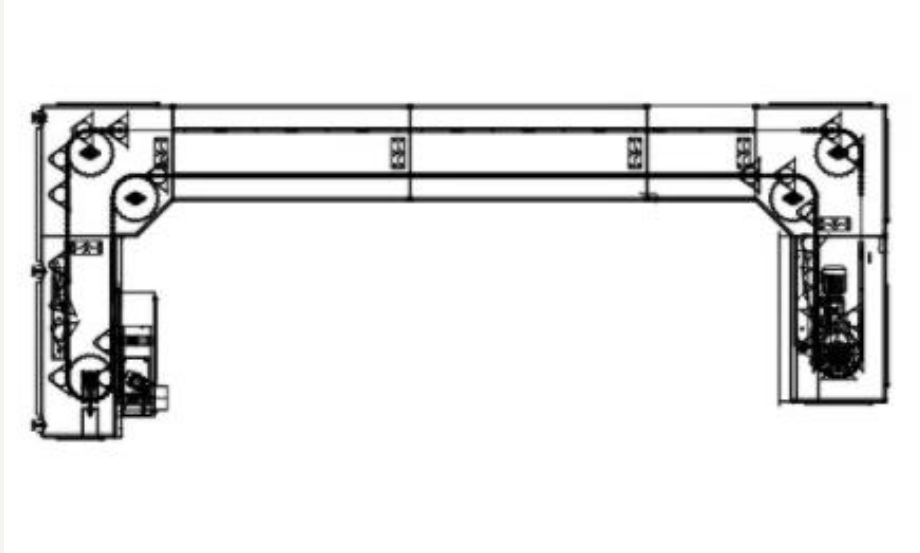
## How does it do it?

The BCE consists of an inlet hopper, a vibration feeder, buckets, a gear-motor drive, inspection hatches and an outlet chute.

There is an inlet hopper at the bottom with a VF that provide a consistent flow of the material into the buckets. The buckets are mounted on the chain that continuously pulls the buckets around by a geared motor. At the top of the unit there is an outlet chute where the buckets are emptied. There is a drawer in the lower section allowing for easy cleaning. The chain is manually adjustable.



## Drawing.



## What is the standard?

M&W JAWO Sampling equipment and sampling systems operate in accordance with approved international material standards such as ISO, ASME, GOST, EN as well as DS3077 (2013). All sampling equipment and solutions aim for compliance with the principles laid down in the Theory of Sampling (TOS) and gives our customers reliable knowledge of the material properties such as moisture content, particle size distribution, mineral proportions, and content grade essential for commercial, operational, and technical characterization.

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## Variants/Options.

### Option 1

For ATEX zone environment, the BCE can be equipped with Explosion Panels in the vertical as well as the horizontal section of the BCE.

### Option 2

The buckets can be supplied with coating reducing stickiness of material.

### Variant 1

The Bucket Chain Elevator C (BCE-C) is designed to lift the reject material and return it to the main flow in a C-like trajectory.

### Variant 2

The Bucket Chain Elevator Z (BCE-Z) is designed to lift the reject material and return it to the main flow in a Z-like trajectory.

### Nota Bene 1

The BCE is of a modular design and comes in varying heights (m).

## About M&W.



Mark & Wedell A/S (M&W) is a global mechanical/electrical engineering and manufacturing company. M&W serves a solid and growing international customer base within the global mining-, minerals-, metals-, power generation- and big science markets.

We develop, engineer, and produce high quality mechanical and electrical machines, instruments, and solutions. Our brand JAWO and unique know-how is well recognized in our markets and among our customers due to more than 40 years of experience.

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