BE – BUCKET ELEVATOR
MATERIAL TRANSPORT

- BE is designed to transport material upwards.
- BE has a vibration feeder to evenly distribute the material into the buckets.
- BE is manufactured in different varieties to fulfill specific requests from customers.

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PRINCIPLES OF OPERATION

The Bucket Elevator (BE) is designed to lift various materials up to the delivery position at the top of the machine.

GENERAL DESCRIPTION

The Bucket Elevator is designed as a frame construction with bolted cover plates, manufactured by either stainless steel or painted mild steel.

The buckets are suspended in continuing hollow chains that are pulled by a gear motor installed at the top horizontal arm and located on the outside of the steel plates.

The material inlet is located at the lower horizontal arm and is consisting of a vibration feeder and brushing devises that provide continues and consistent flow of the material to the buckets.

The unit is mounted with inspection hatches for service and maintenance. There is a draw in the lower section allowing for easy cleaning.

For installation in an ATEX zone, the Bucket Elevator has the option to be delivered with mounted Explosion Panels, in both vertical and horizontal sections of the machine.

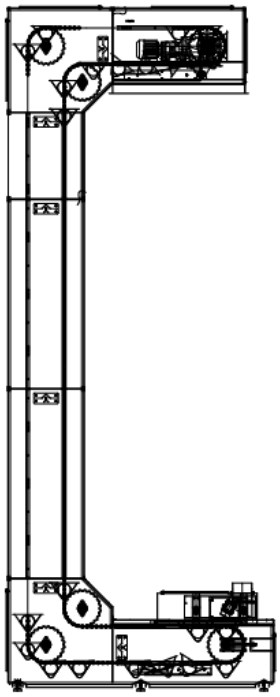
The Bucket Elevator is manufactured in different variations:

- Type C, as shown on the drawing.
- Type Z, as shown on the front picture.

TECHNICAL DATA

Drive unit:	Geared brake motor
Voltage:	400/230V-50Hz or as required
Sensor:	Rotation sensor
	Door sensors (depends on length)
Height:	3 - 30 [m]
Frame/housing:	Stainless steel/painted mild steel
Inspection hatche(s):	As shown on the drawing below
ATEX:	According to customer request

DRAWING



(Bucket Elevator, Type C)

COMPANY PROFILE

M&W JAWO HANDLING IS AN INTERNATIONALLY WORKING ENGINEERING COMPANY SPECIALISED IN DESIGN, MANUFACTURING AND SUPPLY OF INDIVIDUAL MACHINE UNITS AND SYSTEMS FOR REPRESENTATIVE SAMPLING OF POWDER AND BULK MATERIAL. SEVERAL HUNDRED SYSTEMS ARE SUCCESSFULLY SAMPLING IN THE INDUSTRY WORLD-WIDE.