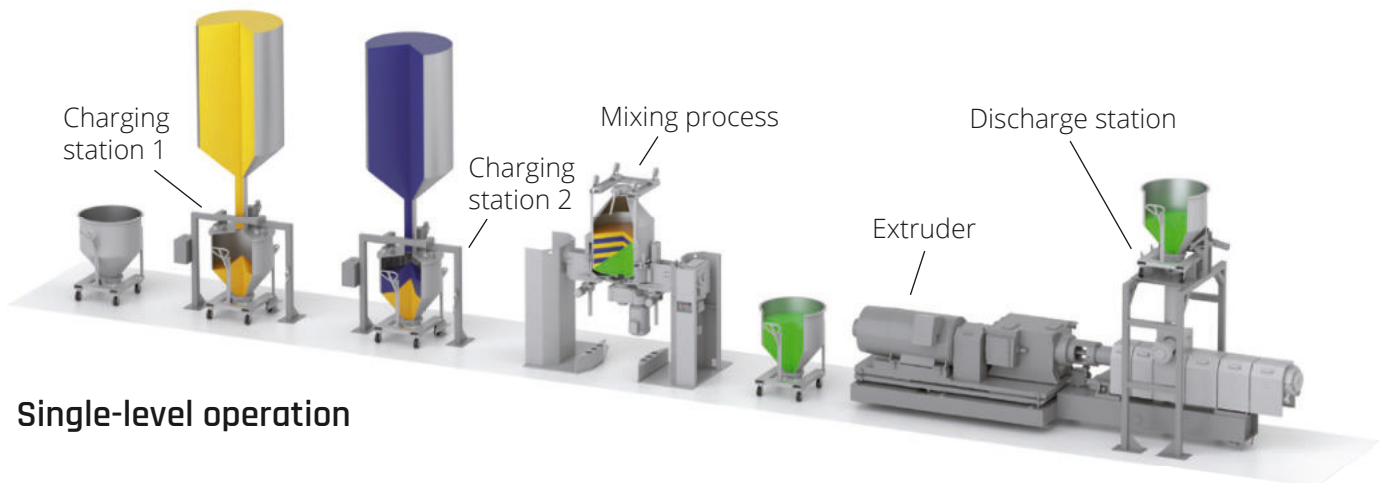


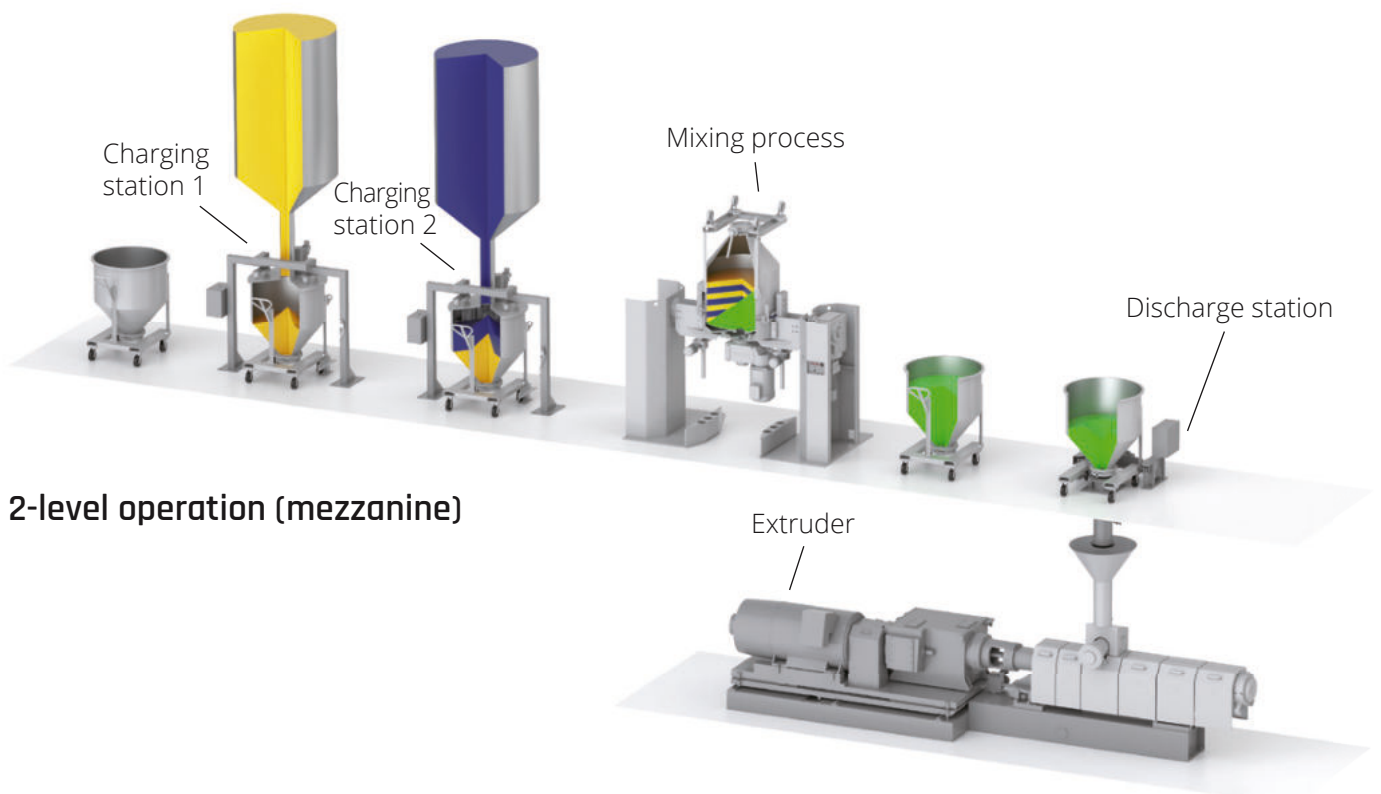
# Handling

## Material flow

For container handling during loading and discharging, MIXACO provides appropriate accessories. Using individually configurable loading and emptying equipment, the container can be filled dust-free or can be discharged into the extruder or weighing/bagging equipment.



## Single-level operation

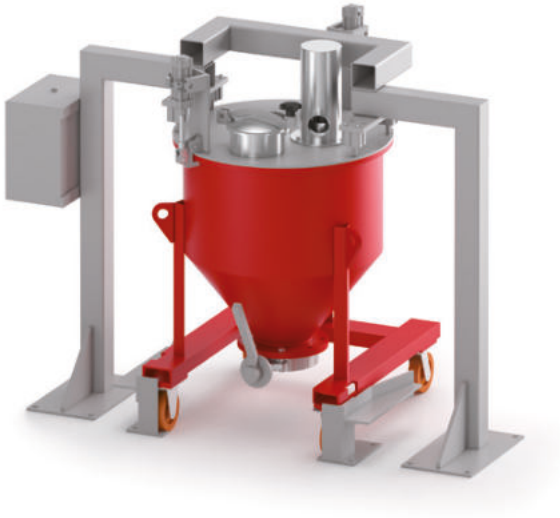


## 2-level operation (mezzanine)

# MIXACO Accessories – Charging

The charging equipment developed by MIXACO is suitable for charging the mixing container with product without generating dust.

Depending on the customer requirements, various designs are available.



## Charging station

The charging station is used for filling the mixing container without generating dust. Combined with a floor scale or dosing system, it is possible to achieve automatic, semi-automatic or manual filling with raw materials.



## Charging table

The charging table is intended for manual charging of the container. Filling can be controlled using a platform scale and small-component scale (optional) combined with a weighing terminal. Extraction equipment guarantees that the container is filled without dust.

### Options for charging station

- Floor scale
- Cover clamping device for dust-free filling
- Feed funnel (can be closed with cover)

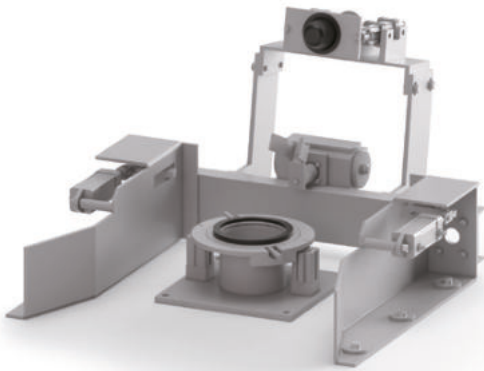
### Options for charging table

- Floor scale
- Table scale for small components
- Scissor lift table

# MIXACO Accessories – Discharging

The discharging stations developed by MIXACO are suitable for dust-free emptying of the mix into the machine where it will be further processed (e.g. extruder dosing). The container is fixed in the discharging station.

Two different designs are available. They vary in the type of container insertion.



## Guide fork type

The mobile container is pushed into the discharging station and fixed in place. The down pipe is connected to the container outlet using a pneumatic coupling.



## Platform type

The container is placed on the discharging station using lifting equipment (crane or forklift).

## Options

- Pneumatically or electrically controlled
- Pneumatically rotating cylinder to open/close the container discharge valve, stepless opening
- Sensor for product monitoring in the downpipe
- Replaceable down pipe for faster recipe changes
- Vibratory motor or knocker to support the discharging process for poorly flowing products
- Control of discharging station, external or local
- Safety fence for discharging station

# Safety at the workplace



## Mixing cabin

To protect the plant operator during the tilting operation, the equipment is positioned in a mixing cabin. Operation is only possible when the cabin door is closed (integrated door limit switch).

# Experience in Many Industries

MIXACO has been offering solutions for a wide variety of industries for many decades. This means the requirements on the mixing technology are correspondingly varied. MIXACO has profound expertise across many industries and can precisely and positively adapt the wide product assortment to each individual mixing task.

Particularly when it comes to combined mixers, customers can benefit from comprehensive advice and customer-specific solutions. Whether new projects or the optimization of existing plants, MIXACO will be by your side throughout a successful installation and commissioning.

No other company stands for innovation in mixing technology like MIXACO, who has been setting new standards with its machinery and solutions for decades. Leading companies from numerous industries worldwide trust in MIXACO products.



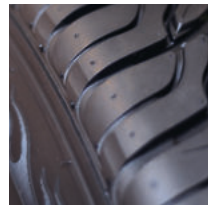
Powder Coatings /  
Bonding



Masterbatches



Food Industry



Rubber Industry



Paint Industry



Building Materials

## Save the Best for Last

### All advantages at a glance:

- More efficient material logistics due to material transport in the mixing container
- User-friendly thanks to ergonomically optimized cleaning in preconfigured cleaning position
- Can be used for a wide variety of mixing tasks with many tool and motor combinations
- Technology and components are also designed for operation across multiple stories

### Additional advantages of **CM Multitool™**

- Minimal heating of the products
- Optimal homogenization
- Adjustable degree of desintegration
- No melting and adhesion
- Reduction of cleaning times

### Additional advantages of **CM Vortex™**

- Heating of the mix
- Optimal homogenization
- Suitable for many mixing products
- Proven mixing technology

Good ideas are conceived.  
But the right solutions are put to the test.



Contact us for your mixing trials and benefit from the extensive experience of our design and application engineers:

- Tests on various mixing systems
- Adaptation of mixing parameters
- Recording and documentation of mixing tests
- Analysis of mixing results



## MIXACO

Dr. Herfeld GmbH & Co. KG

Niederheide 2  
58809 Neuenrade  
Germany

Phone +49 2392 9644-0  
Fax +49 2392 62013  
info@mixaco.de

MIXACO USA LLC

1784 Poplar Drive  
Greer, SC 29651  
USA

Phone +1 864 331 23 20  
Fax +1 864 331 23 21  
info@mixaco.com