

# INDUSTRIAL MIXERS

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## » All about your flow®

*We began our journey in 1980 in Kungälv, a small town on the Swedish west coast, as a family company with an ambition to one day become a global player on the pump market.*

Since the foundation, we have taken pride in delivering a wealth of knowledge and passion for pumps to the industry, whilst supplying a wide range of premium products for various industrial applications.

Over the years, the company has developed into a global Tapflo Group with branches and distributors present in nearly every region of the world.

One thing did not change - we are still a family company.

Our solutions are designed and manufactured in Europe and distributed globally to offer the best service and flow solutions to our customers for a variety of applications.

Our values, Commitment, Quality and Simplicity are reflected both in our product and business approach.



**For fast and flexible service and high-quality products readily available worldwide, choose Tapflo.**

## Quality commitment

At Tapflo we are simply committed to quality. As a result, our production standards, as well as products quality, comply with various globally recognised certification and quality control standards. The Tapflo manufacturing process is certified according to ISO 9001:2015, confirming that our processes are appropriate, effective, customer-focused and continuously improved.



## Tapflo values

Our culture is concluded in Our values

### Commitment

We are different from our competitors because of our willingness to exceed the customers' expectations, move fast and be flexible. Our culture is based on the spirit of togetherness, enthusiasm and integrity. We come from all over the world but we share the same values and we respect each other. We are committed.

### Quality

We understand that the quality in our work is never better than the weakest link, that's why we focus on every small detail. We share a common passion for continuously finding more efficient and effective ways to provide value to our customers. As a manufacturer we have control of the complete process both in terms of our products and the way we operate internally. That is why we manufacture the highest quality pumps in our segment.

### Simplicity

We have a saying, "Simple is art" which means we try to find smooth and uncomplicated solutions in everything. By keeping it simple we can focus on the essential, like designing uncomplicated pumps with few components. For us it is a key to success; strive to simplify what is complex.

# Industrial Mixers

## simple and reliable mixing solutions

**IBC containers** and **standard drums** are commonly used in industry. Applying them is the easiest way to store and transport various liquids. As many of those liquids must be **mixed before being used in the process**, we offer a range of dedicated Industrial Mixers.

These are simple but robust and safe in operation high-quality devices. Designed and configured for common industrial applications, allowing to **mix directly in an IBC container or a drum**. By using the mixers you can **skip the intermediate tanks** and make the process **swifter** and **more cost-effective**.

### Features & Benefits

- ✓ **Robust and high-quality design**  
Long-living, reliable performance
- ✓ **Safety interlock switch included**  
Safe in operation - stops the IBC mixer immediately, if mistakenly raised from the IBC while in operation
- ✓ **Cost-effective solutions dedicated for IBC, drums and other containers**  
No need for additional storage or intermediate tanks.
- ✓ **Electrically or air driven**  
Can be driven in any conditions
- ✓ **Flexible in configuration - engineering support**  
Can be customized or built as a tailor-made mixing system
- ✓ **Standard mixers available from stocks in Europe**  
Very short delivery time
- ✓ **Suitable for ATEX zones**  
Applicable for the wide range of liquids



## IBC Mixers

### complete solution for the most common tanks

Mixing products inside an IBC container has never been so **easy and reliable**. Our mixing solution includes **all components needed to start operation**.

Let us take care of selecting a suitable impeller, drive assembly and materials that will **guarantee efficient mixing**.

### Features & Benefits

- ✓ **Ready-to-use, light frame assembly**  
Fixed with just two toggle clamps
- ✓ **Safety interlock switch included**  
Stops the mixer when not fixed
- ✓ **Available with various impellers and material configurations**  
Suitable for a wide range of applications





# Main elements of the IBC Mixer

## Available drives:

### » Electric motor

- for low viscous liquids (up to 100 cP)
- provides mild or medium mixing
- standard speed of 1400 rpm
- 1-phase or 3-phase supplied

### » Pneumatic (air) motor

- for both low and high viscous liquids
- delivered with a control valve to regulate the speed

### » Gearbox - electrical or pneumatic supply

- for high viscous liquids (up to 15.000 cP)
- provides medium or vigorous mixing
- standard speed of 236 rpm
- 1-phase or 3-phase supplied or pneumatic



## Electrical supply set

For safe and convenient operation.

- motor overload protection
- START/STOP buttons
- 16A plug



## Frequency inverter

Use one mixer for various applications by regulating the speed of rotation.



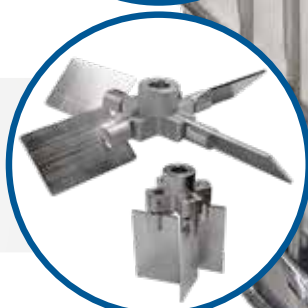
## Fixed impeller

Applicable with electrical and pneumatic motors for low viscous liquids.



## Folding impeller

Folds to enter into the IBC.  
Applicable with gearmotor for high viscous liquids.



## Kicker impeller (low-level)

Solution for products with a high solids content or mixing at a low level.





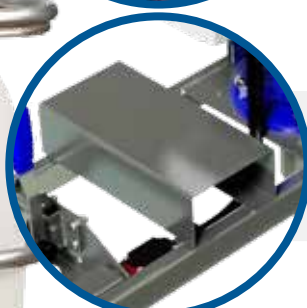
#### Safety switch

Prevents the mixer from operating when not securely fixed on an IBC.



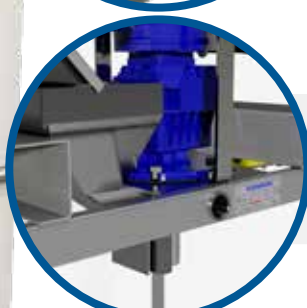
#### Eyebolt lifting frame

Makes installation easy.



#### Forklift module (option)

Enables moving the mixer with a forklift.



#### Liquid inlet (option)

The easiest solution for adding liquid supplements to the mixed media.



#### Hopper for powder or polymer (option)

A convenient way to make additions while mixing.



## Selection table

Viscosity cP	Mixer model	Mixing	Drive type	RPM	Impeller	Weight
1 - 100	HBC-037	Mild - Medium	Motor	1400	Fixed	23 kg
1 - 100	HBC-075	Vigorous	Motor	1400	Fixed	25 kg
1 - 250	LBC-037	Vigorous	Gearmotor	236	Folding	30 kg
250 - 1.000		Mild - Medium				
500 - 2.000	LBC-075	Vigorous	Gearmotor	236	Folding	32 kg
2.000 - 5.000		Mild - Medium				
2.500 - 5.000	LBC-150	Vigorous	Gearmotor	236	Folding	38 kg
5.000 - 15.000		Mild - Medium				

# Drum Mixers

electric & air driven

A drum mixer is a **compact solution** for mixing liquids **inside drums**.

It can be **fixed directly to the drum** and **easily moved between drums**.

The Mixer can also be **fixed to the wall above the drum** and then **lowered for mixing**.

## Features & Benefits

- ✓ **Suitable for most of the commonly used drums (ex. 200 l)**  
Used to mix any product in a regular supply
- ✓ **Dedicated drum lid, clamp or wall support available**  
Suitable for various arrangements
- ✓ **Light and easy to move**  
Can be used in various locations



# Pneumixer

2 in 1 - pumping & mixing

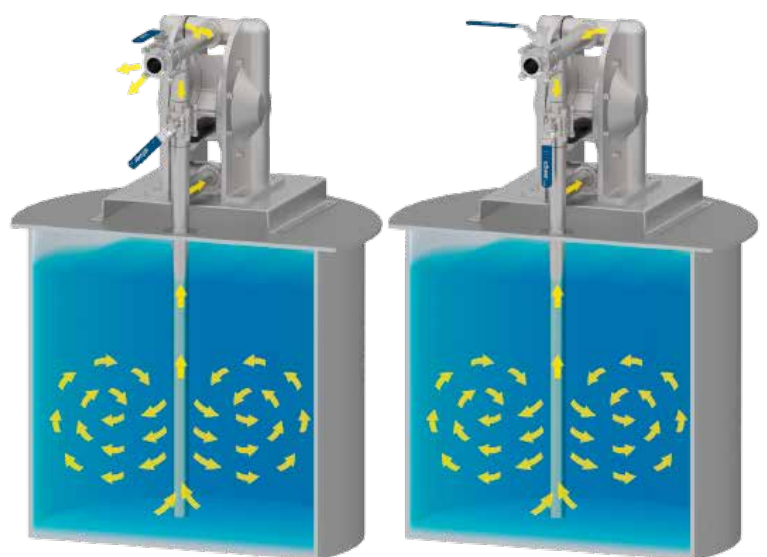
Pneumixer is a combination of a Tapflo **Diaphragm Pump and a mixer**, allowing to perform **pumping and mixing with just one device**.

Switching between pumping and mixing is easy and can be done **manually or remotely**.

Pneumixer can be configured when it comes to the **liquid flow, pressure, materials or size of the tank**.

## Features & Benefits

- ✓ **Pumping & mixing solution**  
One device is covering both parts of the process
- ✓ **Controlled manually or remotely**  
Easy to operate
- ✓ **Flexible in configuration**  
Suitable for various containers and liquids



Pumping mode

Mixing mode



# Mixing & Pumping Station

immediate dilution and transfer

**Solution-thinking** is written in our DNA. Tapflo's regular Mixing & Pumping Station makes the dilution and transfer work much easier. This solution can be applied in **various applications**, for example dilution of **fertilizers** or **powders**. The station is modular and flexible to be configured for certain needs.

## Key elements of the system

Built-on **IBC mixer** provides efficient blending.

**Hatch opening** for the convenient pouring of fertilizers or powders inside.

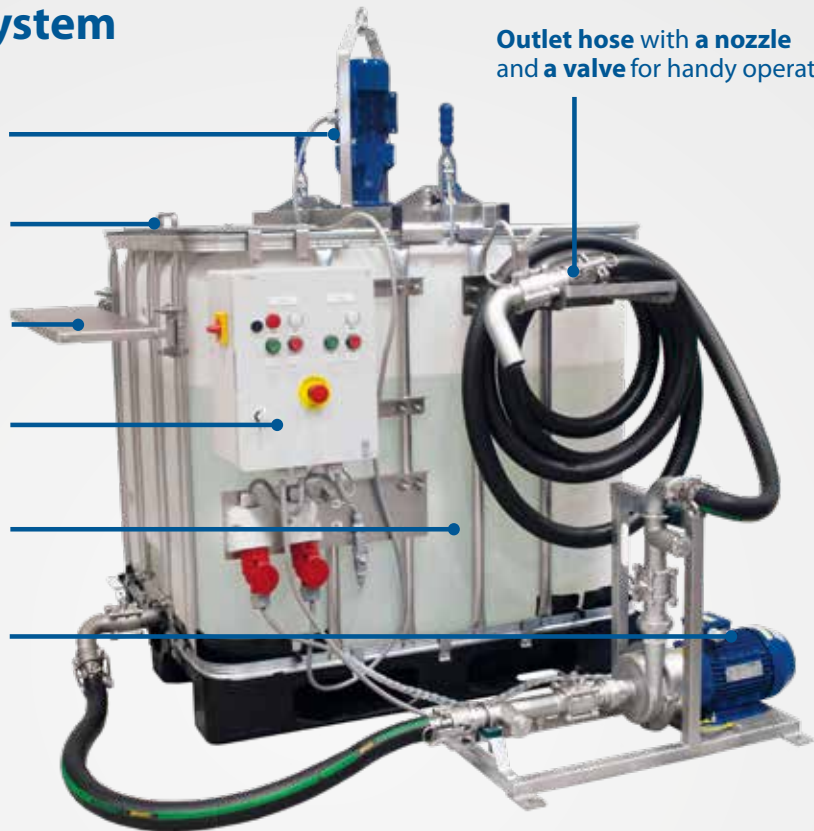
**Support shelf** to place the bag or bucket.

**Local control cabinet** with light indication.

**A tank** of 1000 l volume with **filling port** included.

**Centrifugal pump** for quick transferring of the mixture.

**Outlet hose with a nozzle and a valve** for handy operation.



## Mixing Stations



Portable Mixing Station for IBC containers



Stationary Mixing Station for IBC containers

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