

# InjectMaster

## ABOUT THE INJECTMASTER

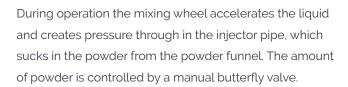
The InjectMaster is the most energy efficient and flexible inject mixer on the market::

- · Ergonomic working height
- · Low energy/high efficiency
- · Strong shear rate
- · Low service cost
- · Designed according to EHEDG
- · Step-file available on request



The InjectMaster is developed for products with low to medium viscosities but can be used in many setups and applications. For low to medium viscosity the mixer performs the pumping action itself. For high-viscose applications (>500 cp) the setup requires positive feeding.

The special designed injector creates a strong suction of powder. The mixer works according to the rotor-stator principle, where a special mixing wheel passes the product through patented slots.



The mixer system can be integrated into a table that offers an ergonomic working position.



# **Applications**

The InjectMaster is used for mixing of powders and liquids

- · Sugar solutions
- · Recombined dairy products
- Brine
- · Etc.

Homogenisation down to 2µ lump free.



# Equipment

#### STANDARD EQUIPMENT

Mixer unit (WEG) (230/400V 50 Hz) with single shaft seal

Tri-clamp inlet/outet

## **OPTIONS**

Double mechanical shaft seal with Bürkert (1/8") solenoid valve and throttle valve

Powder automation - vibrator, level switch, actuator

Control cabinet with frequency inverter

Control cabinet with frequency inverter and powder automation

Fitting SMS DIN/ISO. Other on request

Other motors, Nema exx & etc on request.

Ergonomic working station

# Technical data

| Model  | Motor  | Flow    | Powder capacity* | Outlet pressure |  |  |  |
|--|--------|---------|------------------|-----------------|--|--|--|
| InjectMaster 40-160                                    | 5.5 kW | 25 m³/h | 40 kg/min        | 2 bar           |  |  |  |
| InjectMaster 50-160                                    | 7.5 kW | 40 m³/h | 60 kg/min        | 2 bar           |  |  |  |
| *Powder capacity based on standard milk based powders. |        |         |                  |                 |  |  |  |

| Model                                       | Connection     | Service water** | Weight | Dimensions<br>H x W x D |  |  |  |
|---|----------------|-----------------|--------|-------------------------|--|--|--|
| InjectMaster 40-160                         | IN 2" OUT 2"   | 20 l/h          | 110 kg | 915 x 660 x 1100 mm     |  |  |  |
| InjectMaster 50-160                         | IN 2½" OUT 2½" | 20 l/h          | 130 kg | 915 x 660 x 1100 mm     |  |  |  |
| **When flushed, mechanical seal is selected |                |                 |        |                         |  |  |  |