![Daniatech SiccaDania logo]

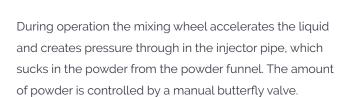# InjectMaster

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**

Specifications

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.

During operation the mixing wheel accelerates the liquid and creates pressure through in the injector pipe, which sucks in the powder from the powder funnel. The amount of powder is controlled by a manual butterfly valve.

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

Applications

The InjectMaster is used for mixing of powders and liquids e.g.:

- **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 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