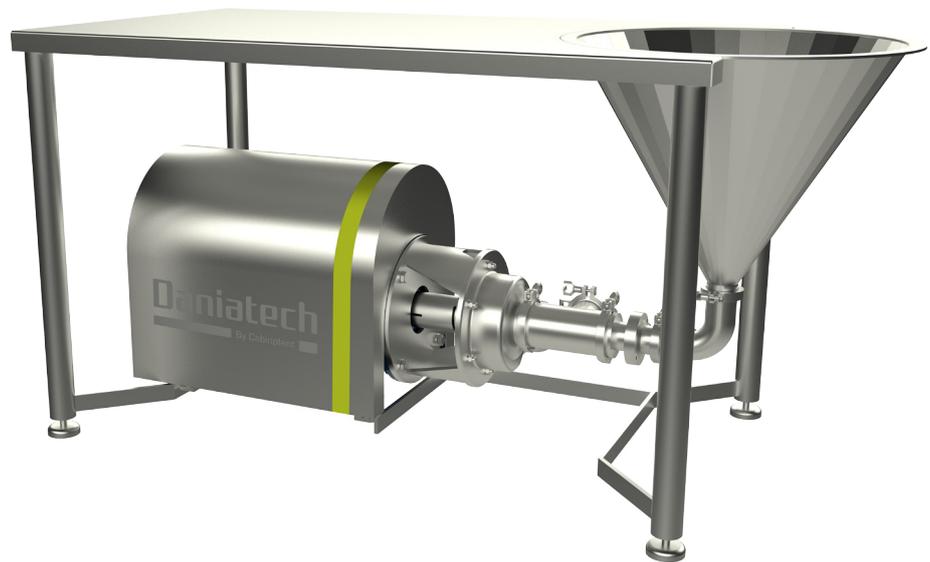


Daniatech InjectMaster



The InjectMaster is the most energy-efficient solution on the markets for inline High Shear mixing.

The mixer works according to the rotor-stator principle, where a special closed mixing wheel passes the product through patented slots.

During operation the mixing wheel accelerates the liquid and creates a vacuum 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 unit is very versatile and 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 mixer system is integrated into a table that offers an ergonomic working position.

Applications:

The mixer is used for mixing of powders and liquids, for sugar solutions, recombined dairy products, brine, etc.
Homogenization down to 1 my lump free.

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

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

The InjectMaster is developed for products with low to medium viscosities.

Standard equipment:

- Mixer unit (WEG) (230/400V 50Hz) with shaft seal
- Tri-clamp inlet/outlet

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Daniatech InjectMaster

Options:

- Double mechanical shaft seal with Bürkert (1/8") solenoid valve and throttle valve
- Control cabinet with Start/Stop
- Control cabinet with speed control
- Fitting SMS DIN/ISO. Other on request
- Other motors, Nema exx & etc on request

Technical data:

Model:	Motor	Flow	Inlet pressure	Outlet pressure
InjectMaster 25	7.5 kW	25 m ³ /h	0.5 Bar	2 Bar
InjectMaster 40	11 kW	40 m ³ /h	0.5 Bar	2 Bar

Model:	Powder capacity	Service Water*	Weight	Dimension (HxWxL)
InjectMaster 25	60 kg/min	20 l/h	110 kg	945 x 1850 x 870 mm
InjectMaster 40	100 kg/min	20 l/h	130 kg	945 x 1850 x 870 mm

*When flushed mechanical seal is selected

