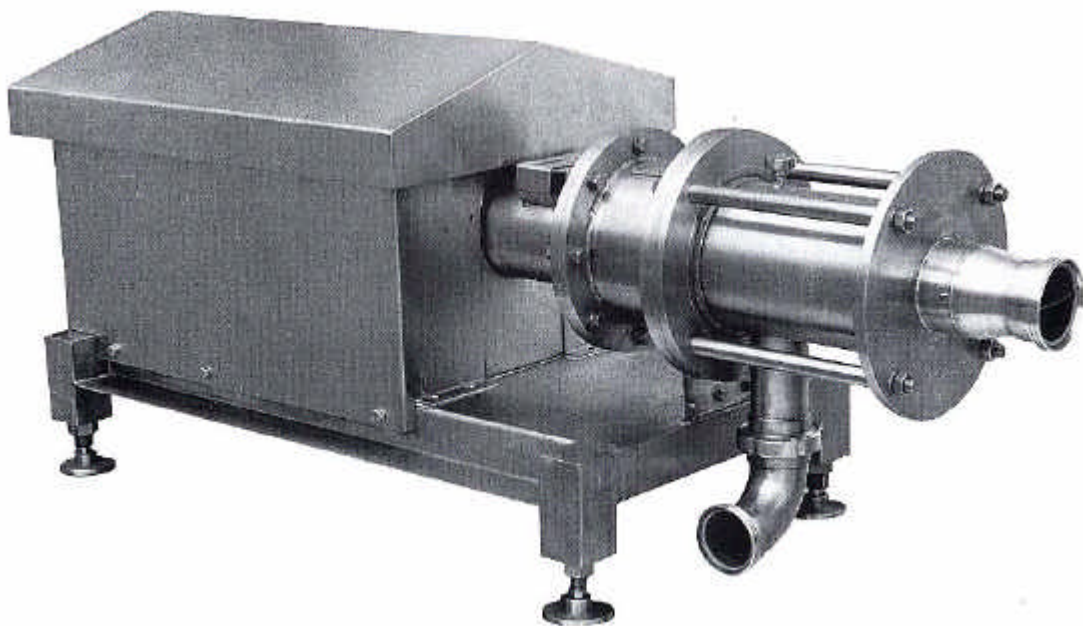


STARO – MIX – Conti Vers

Dispersion – Reactor



EMULSIFICATION

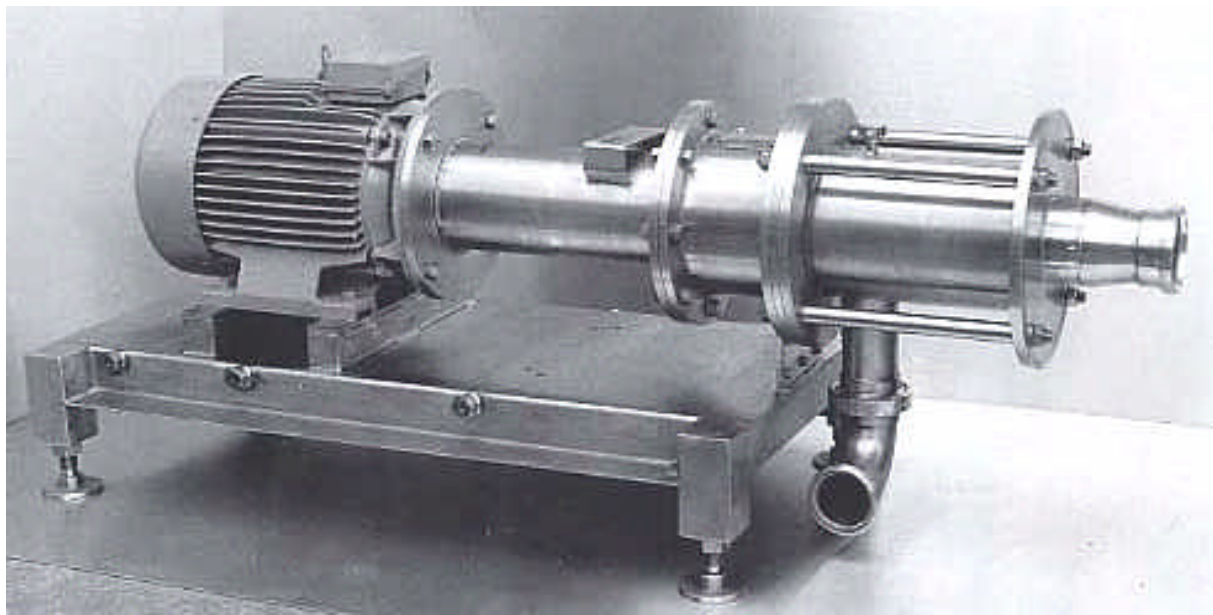
HOMOGENIZATION

SUSPENSION

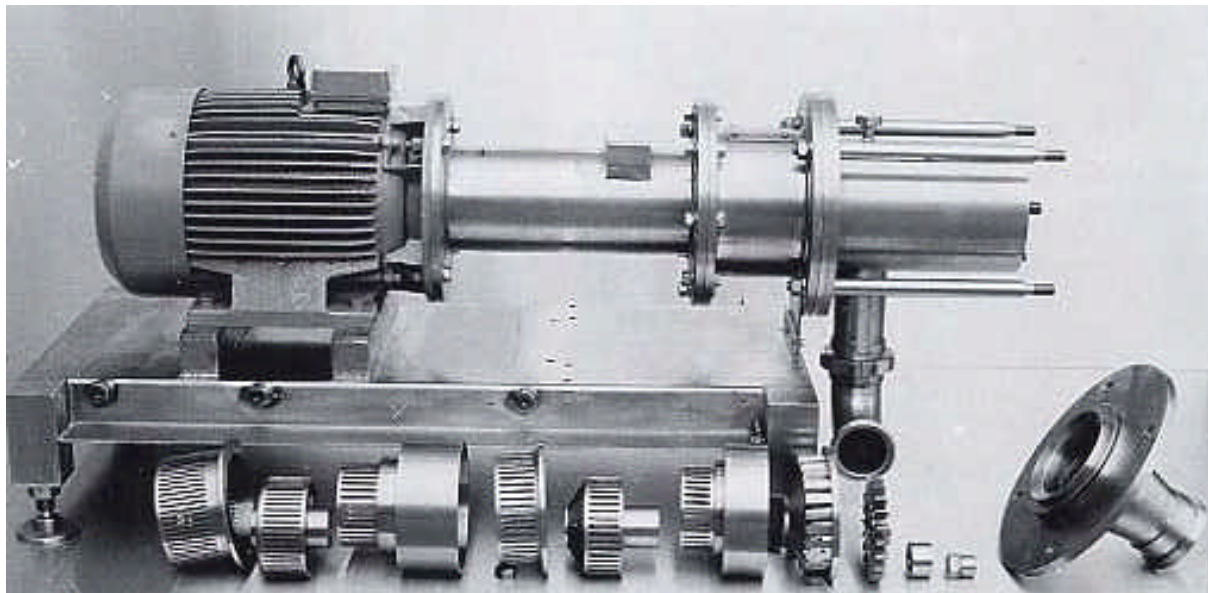
DISPERSION

Machine description - Construction - Mode of Operation

- **Machine parts in contact with the product made of stainless steel (material 1.4301)**
- **System: three stator stages and three rotor stages with various slot sizes - interchangeable within one type**
- **Plug spiral in suction part of the machine**
- **Casing with double case design for hot water or steam and cool water**
- **Drive: directly connected three-phase A.C. motor - 2 steps of revolutions**
- **Sealing: single glide ring sealing**
- **Suction direction – axial, Output - radial**
- **Dispersion effect: high level of power, which in the turbulent, shearing streams is produced between the stator-rotor**
- **Result: optimal distribution effect and high fineness of product with narrow part size spectrum**



Staro-Mix-Conti-Vers set up on a ground plate



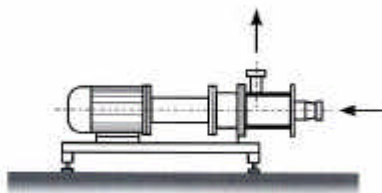
Staro-Mix-Conti-Vers with removed stator-rotor dispersion system

Examples for possibilities of use

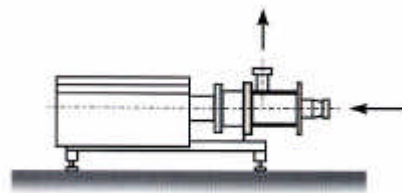
- Production of emulsions of the type O/W and W/O based on organic, vegetable, mineral and synthetic substances
- Production of homogenized products
- Production of:
 - real solvents
 - colloid solvents

Construction possibilities

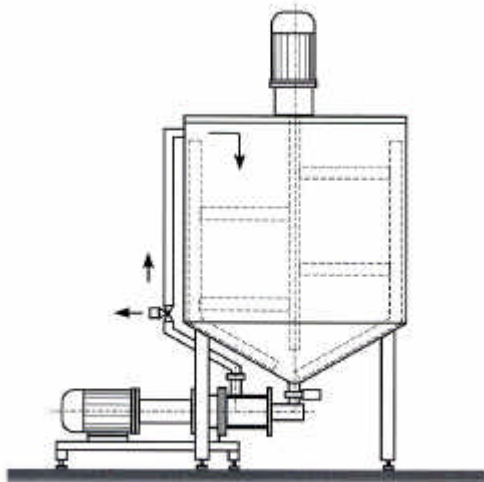
set up on a ground plate



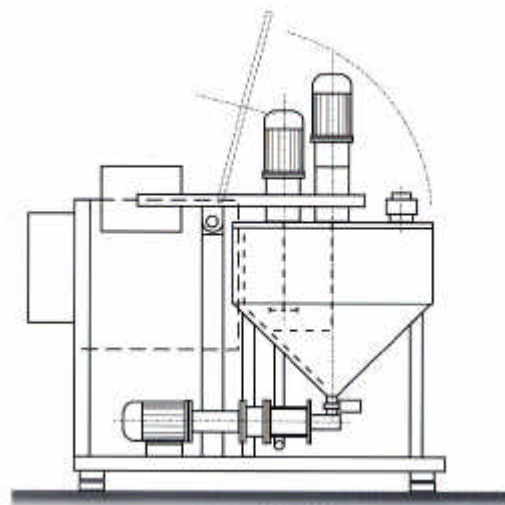
set up on a ground plate with engine bonnet



Construction with: product container, agitator with wall scrappers, product recirculation pipe, 3-way-valve

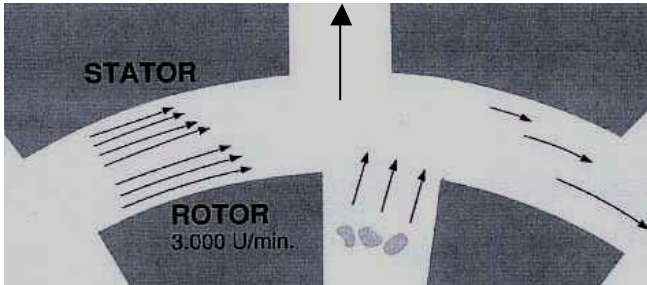


Installation in a vacuum processing plant



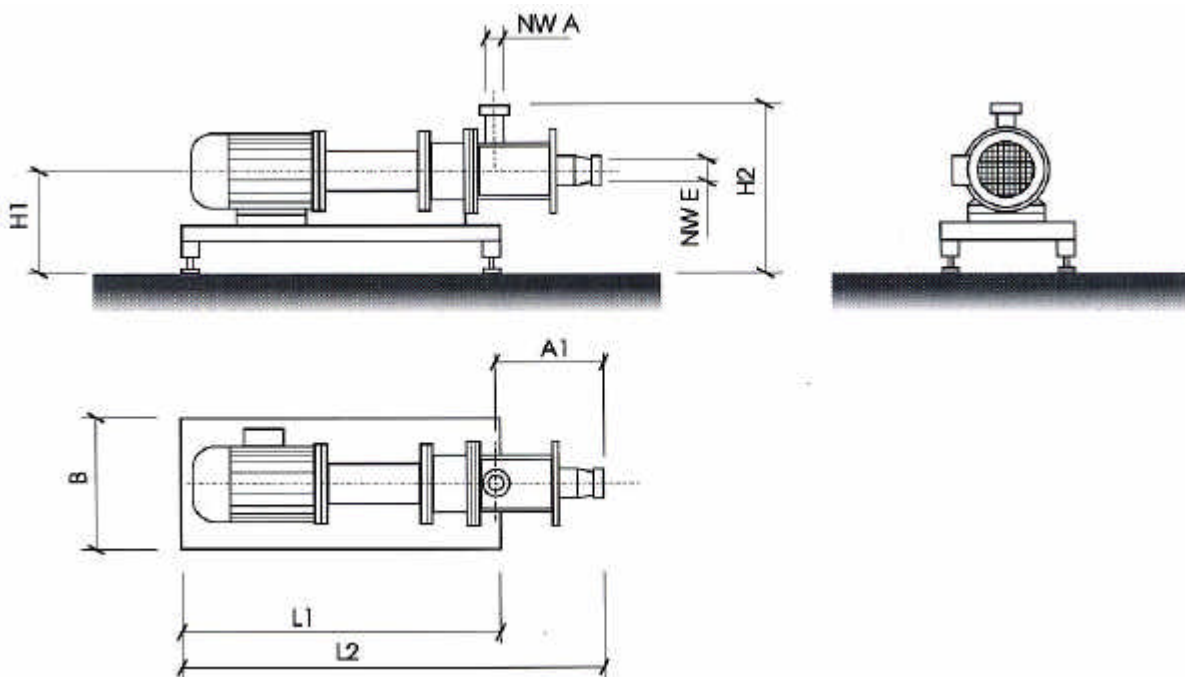
EMULGIERMIX-VERTICAL,
Type: EMU-MIX-V

FUNCTION OF THE STATOR-ROTOR-SYSTEM



The product is accelerated by the high revolutions per minute of the rotor on a high tangential speed. The product becomes braked within a distance of 0.5 mm on 0 m/sec again. With this the optimal fine distribution can be reached.

TECHNICAL DATA



Staro-Mix-construction sizes	Max. flow-through for water in litre/h	Power [KW]	DN A [mm]	DNE [mm]	B [mm]	L2 [mm]	Weight [kg]
5	5000	6 / 7,5	32	40	300	1100	140
10	10000	9,5 / 11	50	65	300	1300	180
20	20000	16 / 19	80	100	500	1700	290
30	30000	24 / 29	100	125	600	1900	430

BALIK Maschinenbau GmbH. A-1210 Vienna, Guschelbauergasse 5

Tel.: +43 (1) 270 89 91-0, FAX: +43 (1) 270 89 91-20, E-Mail: balik@balik.at, Homepage: www.balik.at