

SPECIFIC CHARACTERISTICS

- Large production machine with up to three pumps inside the frame
- Ideally suited for processing medium sized quantities of material in the chemical, carpet and textile industries
- Exact injection of numerous additives into the mixing head – or direct feed – by additional dosing pumps
- Effective production and precise true-to-recipe results, thanks to PLC-control

THE MIXING HEAD

- Dynamic stainless steel mixing head available in three configurations: 990, 1410 or 2280 pins for light foam
- Continuous electrically controlled RPM adjustment (frequency converter) including digital display
- Non-contacting HANSA shaft seal-gas which is requested for the foaming process is also used as sealing material. In case of machine downtimes the Lip type seal helps to prevent the medium from penetrating into sealed areas
- Temperature-controlled mixing head (coolable/heatable) can be obtained optionally

THE PUMP

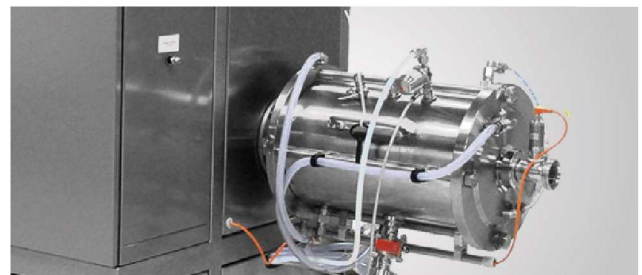
- Eccentric screw pump in modular design mounted in mixer frame or on separate rack
- Generously dimensioned AC drive motor
- Output regulation via frequency converter
- Product-specific shaft sealing due to floating ring seal with barrier pressure system

MIXER FRAME

- Solid frame made of square stainless steel tubes
- Electronical/pneumatical and mechanical installations built-in separately
- Mechanical components easily accessible due to removable and lockable sheet-metal plates
- Mixer frame on four casters for improved mobility

AIR/GAS METERING

- Manual gas fine metering by means of needle valve
- Automatic gas metering by means of gas controller, regulating the necessary gas volume in relation to product flow thus guaranteeing constant foam weights
- Digital display: Air volume/foam weight
- A multi-stage air filtering system protects the measuring devices and guarantees maintaining top standard product quality



OPTIONS

- Diverse automatic systems e.g. for volumetric or gravimetric flow metering, foam height (MA2) regulation or speed adaption (MA1)
- Upgrade with optional, separately driven mixing head possible
- Automatic dosing systems for additives
- Mixing head temperature regulation (heating/cooling)
- Foam valve

- External tempering units
- Remote control

- Back pressure regulator