

YTRON[®]

PROCESS TECHNOLOGY



VacuPlant[®]

Dispersing, mixing, deaerating.
Modularly assembled
for specific needs



LÖSEN

MISCHEN

EMULGIEREN

HOMOGENISIEREN

SUSPENDIEREN

DISPERGIEREN

BEGASEN

DISSOLVING

MIXING

EMULSIFYING

HOMOGENIZING

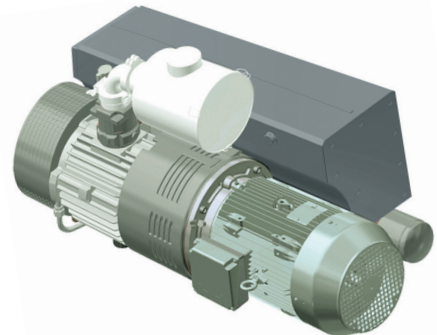
SUSPENDING

DISPERSING

GASSING

YTRON VacuPlant®

with examples of individual equipment



Vacuum pump

for the production of air-free products under vacuum and for sucking in liquids directly into the tank



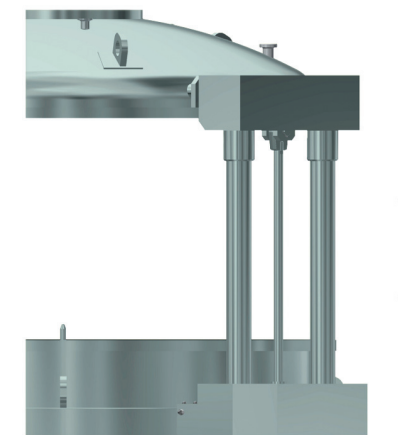
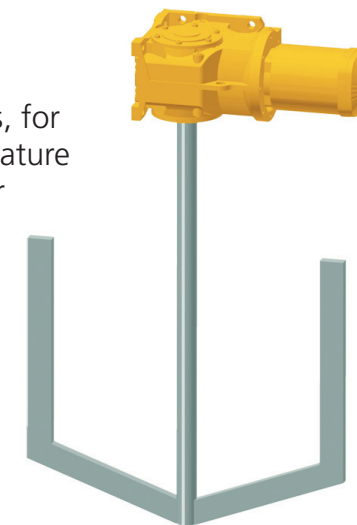
YTRON-Y

Jet mixer for homogeneous and air-free mixing and degassing

• Option

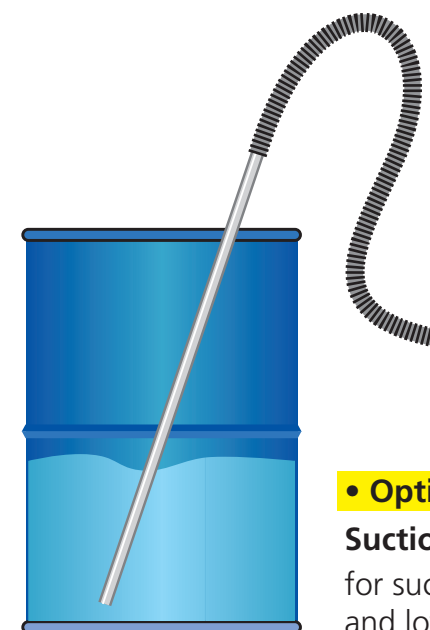
Anchor stirrer

with scraper for high viscosities, for tempering with perfect temperature exchange to vessel wall and for emptying residual product



• Option

Lifting device
for the cover for good accessibility



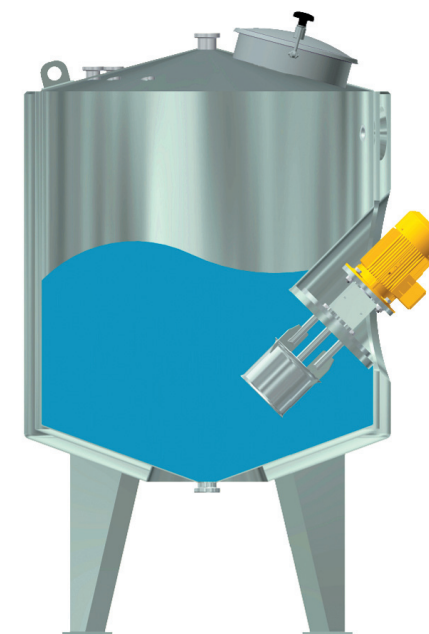
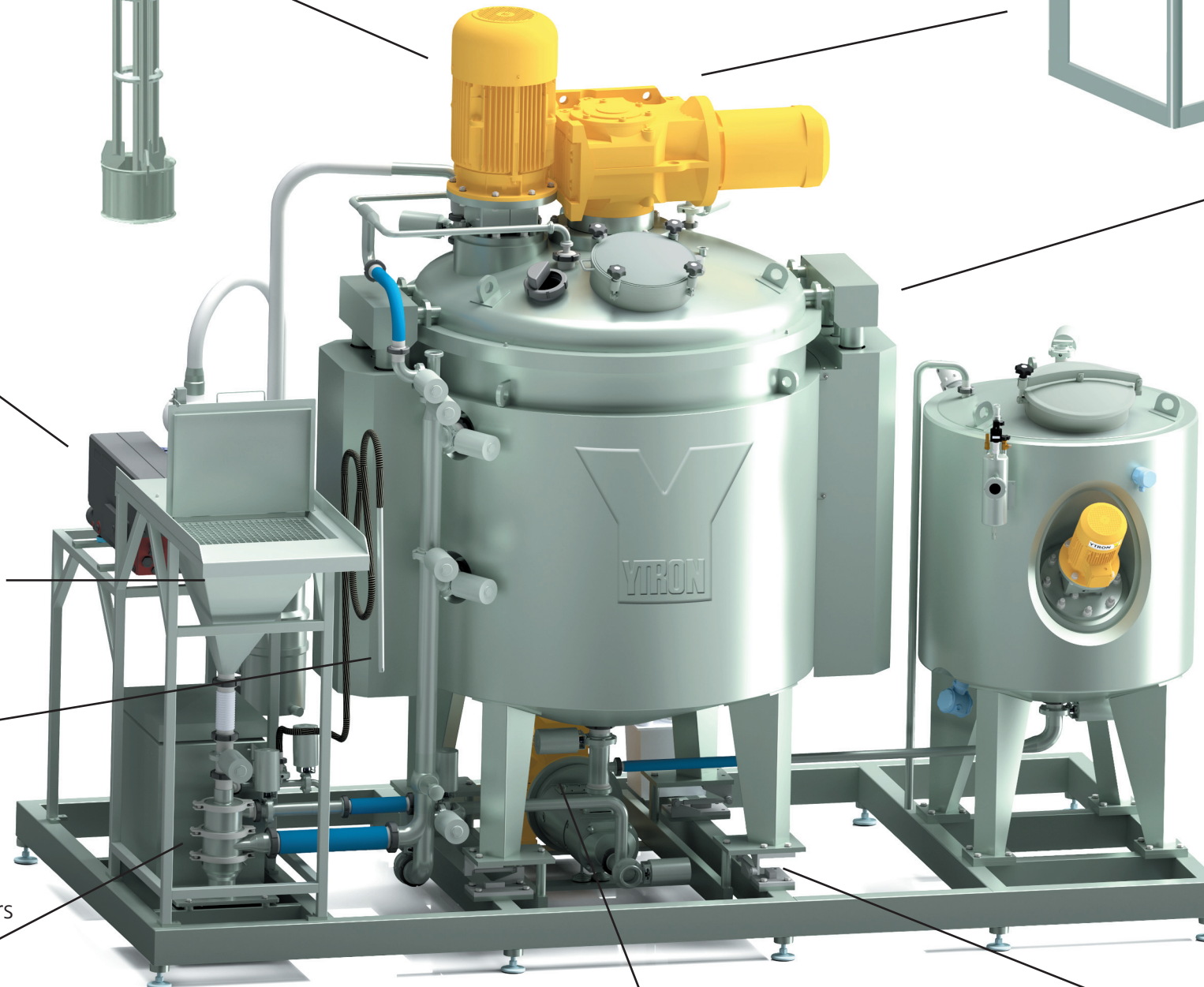
• Option

Suction lance

for sucking in liquids and low density powders

Hopper

for powder feeding



• Option

Premix vessel
as a storage container or as a melting vessel

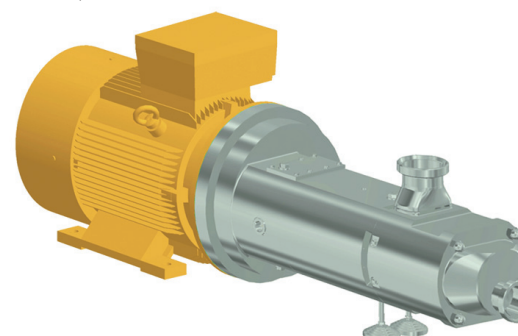


YTRON-ZC

for lump-free dispersing of difficult to wet powders, for homogenizing and emulsifying

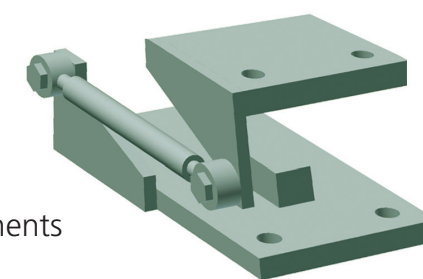
Circulation and discharge pump

Throughput performance independent of the shear level of the YTRON ZC



• Option

Load cells
for recording weight of individual components and for level control



YTRON VacuPlant®

For the production of viscous cosmetic, chemical and food products, for dispersing, emulsifying, homogenizing, mixing and deaerating.

The system is designed according to the individual customers requirements. It is suitable for use in the food, pharmaceutical, chemical and cosmetic industries.

All materials of construction generally used in the industry are available. Special materials and the required surface quality can be supplied if required.

Depending on the requirements, the products can be gently mixed or intensively sheared. The system can be operated manually or semi-automatically and can optionally be integrated into a higher-level control system.

The integrated displacement pump is used for gentle circulation, for pumping out the finished products and for cleaning (CIP).



- Batch size 10 - 3000 L
- Negative pressure up to approx. 100 mbar absolute
- ATEX version available
- Compact design
- Hygienic design and selection of high quality equipment
- Parts in contact with product made of stainless steel, optionally AISI 304, AISI 316L or special alloy
- With discharge pump and scraper for maximum product yield
- Optional manual or semi-automatic operation
- Graphic display and intuitive operation

For further informations please contact:

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