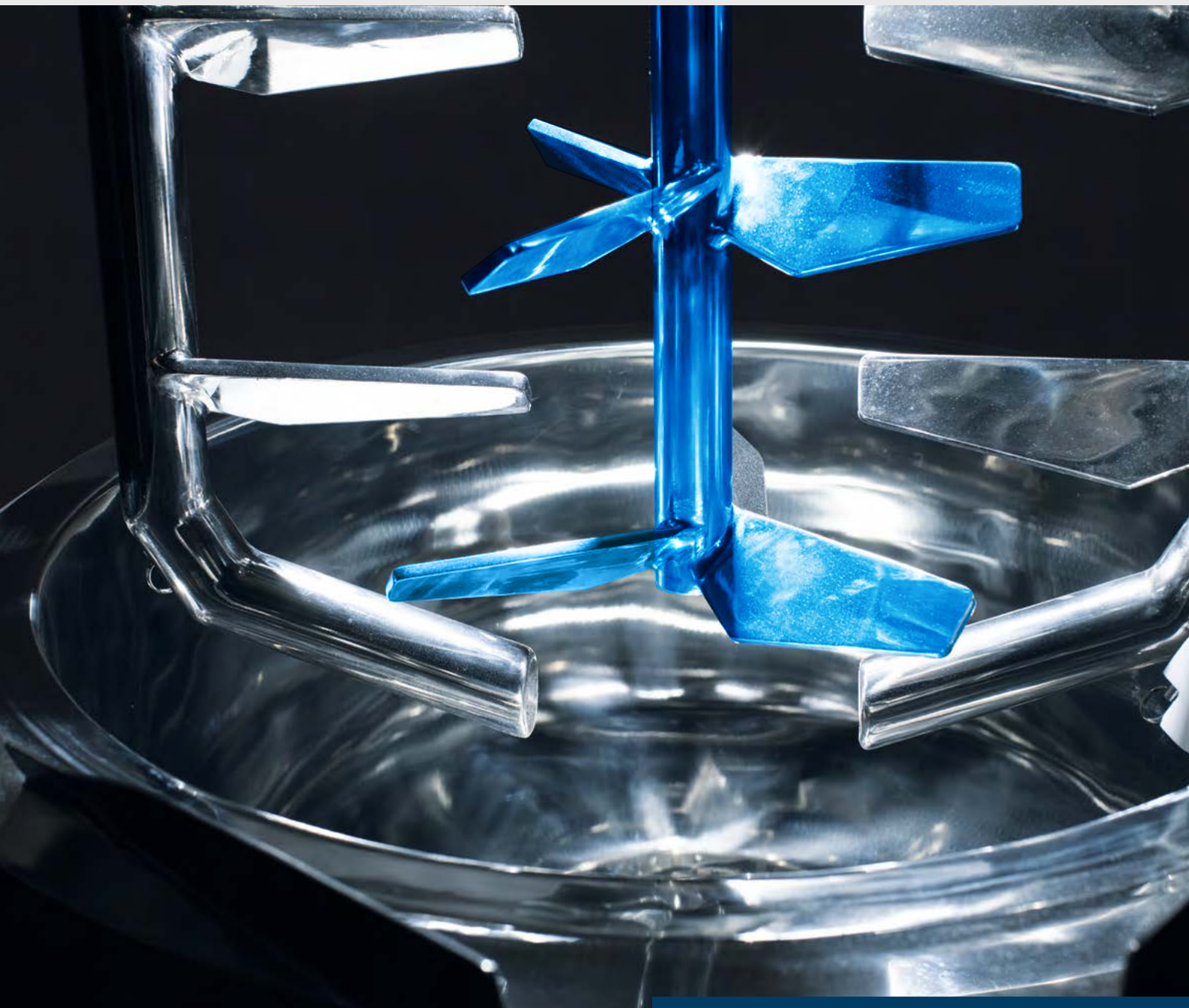




Turboemulsifiers



The DIBIR Group Turboemulsifiers are the result of 40 years of experience in mixing technologies.

They are designed and built to offer cosmetic, pharmaceutical, chemical and food industries advanced machinery with high technological content, thanks to the great competence of our R&D department.

Applications

DIBIR Group Turboemulsifiers allow creation of emulsions and the processing of products, among which **skin & body care, gels, ointments, make-up, toothpaste, hair products.**



COSMETICS



PHARMACEUTICAL



FOOD &
NUTRACEUTICAL



CHEMICAL

Models

Mod.	TE	TE	TE	TE	TE	TE	TE
Capacity [Lt]	2	5	10	15	25	50	100 150
Laboratory	•	•	•	•			
Small Production				•	•	•	•

Mod.	TE	TE	TE	TE	TE	TE	TE	TE	TE	TE
Type				C/S*	C/S*	C/S*	C/S*			
Capacity [Lt]	100 150	200	250	300	500 600	1000 1500	2.000	3.000	5.000	10.000
Production	•	•	•	•	•	•	•	•	•	•

*C/S: Compact / Standard



Features

- [Parts in contact with the product made of mirror polished stainless steel AISI 316L
- [Machinery design that allows a quick and easy cleaning of the tank and of all the contact parts
- [Stator / rotor emulsifier installed on the bottom of the tank which ensures perfect homogenization of the product
- [Planetary / counter-rotating anchors system for mixing
- [Cover lifting system
- [Tilting of the tank through hydraulic cylinders (for models up to 2000 lt)
- [Liquid ring vacuum pumps, to reach the vacuum inside the process tank



Advantages

SAFETY AND EASE OF USE

PLC and Color Touch Screen Panel supplied as standard on all models allow you to control the machine with great simplicity and in total safety.

PID THERMOREGULATION SYSTEM

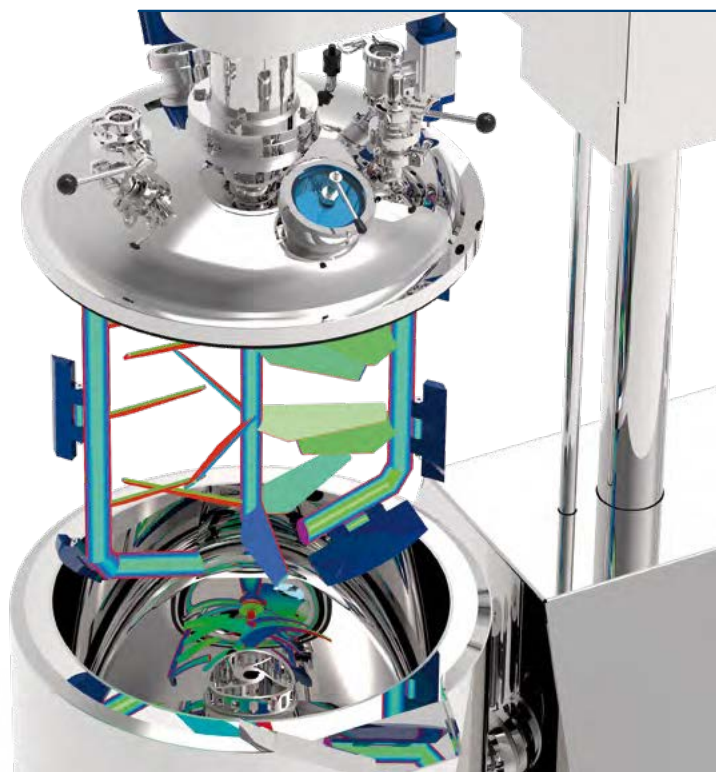
Heating can be done using the following optional modes:

- [Electrical resistances placed on the bottom and thermo-regulated in water or diathermic oil
- [Direct injection of saturated steam into jacket
- [Factory network hot water

CUSTOMIZATION

DIBIR Group is able to create different mixing and homogenization systems for every production need of the Customer.

The design and choice of the right machinery allow a considerable optimization of processes and production times.



Turnkey solutions

DIBIR Group is able to follow the customer throughout the process of building the plant, starting from the analysis of needs, to design, up to the installation of the machine, offering turnkey solutions that perfectly meet the needs of your company.

- [Construction of complete production lines, from the installation of raw material storage tanks to the finished product storage tanks - as well as the connection to the "primary packaging" machines /lines
- [Design and construction of piping for the transport of process of raw materials
- [Construction of stations and water pretreatment groups with filtration
- [Design and construction of industrial thermotechnical plants for serving mixers
- [IQ and OQ protocol management and registration, and plant validation process

After sales service

Attention to the customer never stops:

DIBIR Group guarantees a technical high-level service and after-sales service ad hoc for each Customer.

Testing and installations are certified by a highly specialized technical staff, in able to guarantee assistance in every area.



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