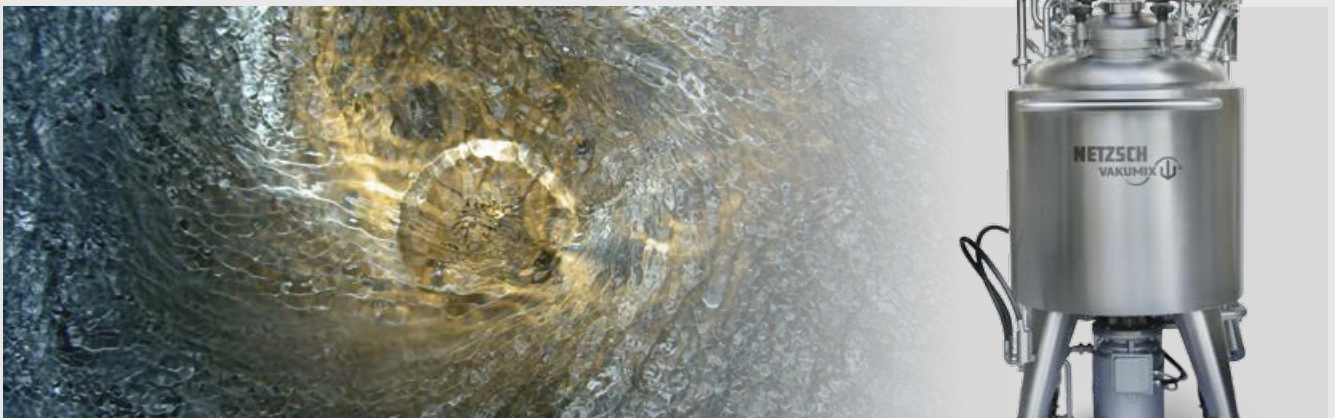


Grinding & Dispersing

Investment Security Right from the Start

Premix/Preparation Vessel *GAMMAVITA* Type ABF/ABW/ABS



our technology
YOUR SUCCESS

Premix/Preparation Vessel *GAMMAVITA*

Ranges of Application



Melting of Wax Pellets



Melting of Wax Blocks

- Water- and fat phases (types ABW/ABF) as well as
- Solutions or suspensions (types ABW or ABS)

Premix/Preparation Vessel *GAMMAVITA*

ABF – Fat Phase
ABW – Water Phase
ABS – Suspensions



GAMMAVITA ABF 275 – mobile with Working Platform

Main Features – Equipment of Vessel

- Suitable for heating/cooling
- CIP unit (in connection with Circulation Agitator)
- Control independently or in connection with further premix vessels or homogenizing mixers
- Available either with the simple propeller/magnetic agitator, with the patented NETZSCH Vakumix Circulation Agitator or the NETZSCH Vakumix homogenizer
- Powder suction optionally available for all types



Homogenizing Mixer *GAMMAVITA* HM 500 with Premix Vessel

Sizes

Working Volume* [litres]	Total Volume [litres]
20	30
25	40
35	60
50	70
75	115
115	185
150	190
180	220
200	280
225	295
250	335
275	360
300	400
475	700
500	645
600	758
800	980
1000	1305
1100	1410
1500	1905
1700	2250
2100	2740
3300	4300
4300	5560
6000	7700
10000	12850

* other sizes on request



GAMMAVITA ABF 140 – with Load Cells



GAMMAVITA ABS 300 – mobile

NETZSCH Vakumix – Circulation Agitator

- Patent No. EP 0760 254 B1
- Multifunctional unit installed at the lowest point of the vessel bottom.

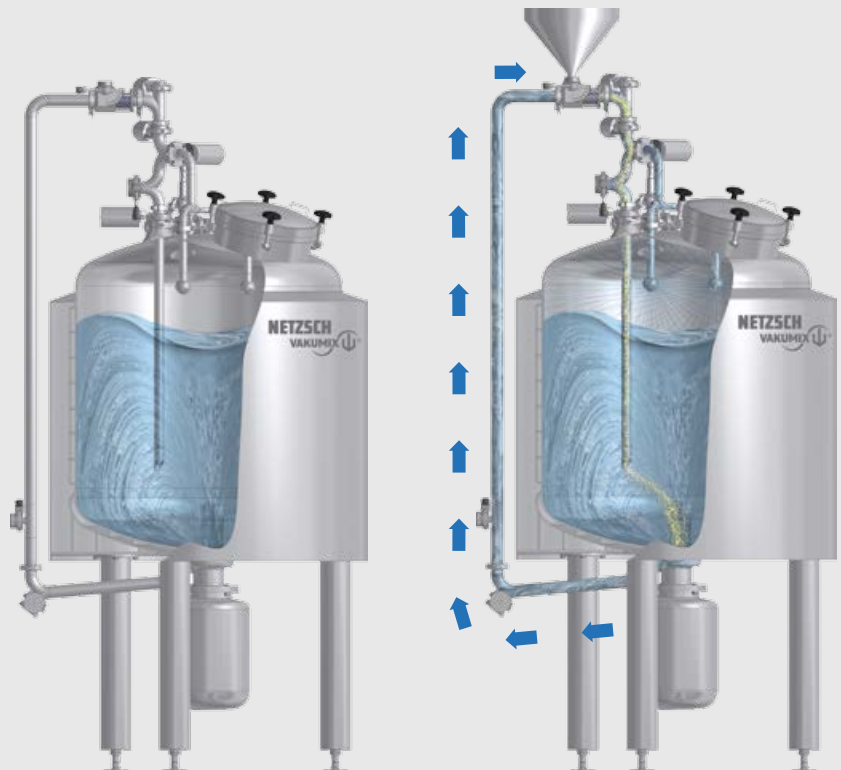


Circulation Agitator with Milling Head

Circulation Agitator

Advantages compared to propeller/magnetic agitators

- Mixing – pumping – CIP – Transfer
- CIP – all types (no need for additional CIP pumps)
- No need for transfer pumps
- Shorter melting times for wax blocks and – pellets – ABF
- Can be used separately for the production of suspensions/ solutions or suppositories
- Smallest batch sizes possible (1/20 of vessel working volume)
- High flow at the vessel wall prevents a sedimentation of product
- Pump pressure of 2 - 4 bar – depending on the Circulation Agitator size



Mixing within the Vessel

Mixing via Recirculation Line and Suction of Powders

Business Unit Grinding & Dispersing - The World's Leading Grinding Technology

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Selb, Germany

NETZSCH-CONDUX Mahltechnik GmbH
Hanau, Germany

NETZSCH Vakumix GmbH
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The three Business Units – Analyzing & Testing, Grinding & Dispersing and Pumps & Systems – provide tailored solutions for highest-level needs. Over 3 000 employees at 163 sales and production centers in 28 countries across the globe guarantee that expert service is never far from our customers.

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