

DATA SHEET

Baratta BMT-450S Electric 450 litre Mixing Bratt Pan with Auto Mixing | Auto Tilt

454100216

baratta

Build

- Heavy-duty robust construction made entirely from AISI 304/316 stainless steel, designed for intensive use and guaranteed longevity.
- 450 Litre Corrosion-resistant tank crafted from marine-grade AISI 316 stainless steel, ideal for cooking acidic ingredients with superior thermal efficiency.
- Cooking base made from thick AISI 316 marine-grade stainless steel for superior thermal efficiency and longevity, even with acidic foods.
- AISI 304 heavy-gauge gear driven stainless steel lid is completely motorised lid and includes two-hand safety controls
- Electric tilting mechanism powered by a robust gear motor, enabling effortless emptying of the tank while minimizing manual effort.
- Mixing arms made from heavy-duty marine-grade AISI 316 stainless steel, featuring food-grade Teflon scrapers on the bottom and sides.
- Adjustable speed Mixing Arms with reverse capabilities, ensuring thorough mixing and preventing food adhesion while operating autonomously without user intervention.
- Best-in-class insulation layers minimize heat loss, optimizing energy consumption and yield.
- Quality materials and construction meet the highest hygiene standards, facilitating easy washing and sanitization.
- Direct electric armored heating elements positioned directly beneath the cooking base are powered by a 52 kW system, providing accurate temperature control.
- The dual temperature management system ensures precise control, with a core probe and electronic thermostat regulating cooking from 50°C to 220°C, and a surface probe measuring up to 300°C for optimal braising and even cooking.
- Core probe and thermostat control product cooking temperatures from 50°C to 220°C, utilizing a probe positioned along the side of the tank wall to ensure consistent cooking results.
- Surface temperature probe measures and controls cooking surface temperature from 50°C to 300°C for perfect braising outcomes.
- Safety thermostat prevents overheating by automatically shutting off the heating elements if temperatures exceed safe levels, ensuring reliable and secure operation.
- Durable electro-mechanical control panel manages essential functions and allows easy repairs. Positioned above the unit, it ensures easy cleaning, safe sanitization, and enhanced hygiene.
- Once cooking parameters are set, the BMT-450S autonomously manages the cooking cycle and alerts users with an acoustic signal when complete.
- Built-in safety controls prevent overheating; three-phase power supply halts operation during phase inversion and activates a warning lamp.
- IP54 protection rating makes it resistant to dust and water splashes, suitable for various kitchen environments.
- Durable design facilitates easy maintenance, ensuring the unit remains in optimal condition with minimal effort.
- Backed by over 40 years of industry experience, Baratta is committed to innovation and quality, reflected in thousands of successful installations across diverse settings.



Technical specifications

External Size

External Width	2010mm
External Depth	1586mm
External Height	1150mm

Weight

Net weight	--
package weight	

Technical Features

Tank Capacity	450Lt
Tilt Type	Automatic
Lid Lifting Type	Automatic
Temperature - Cooking Surface	50°C - 300°C
Temperature - Core Probe	50°C - 220°C

Connection requirements electric

Electrical connected loads	52kW
Voltage	400/3+N/50
Plug Supplied	No

Warranty

2 Year Warranty	2 years parts and labour
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**Subject to a preventative maintenance plan*



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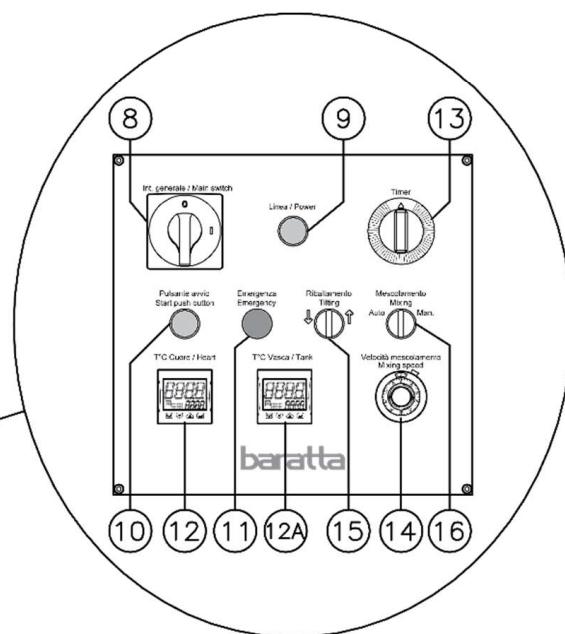
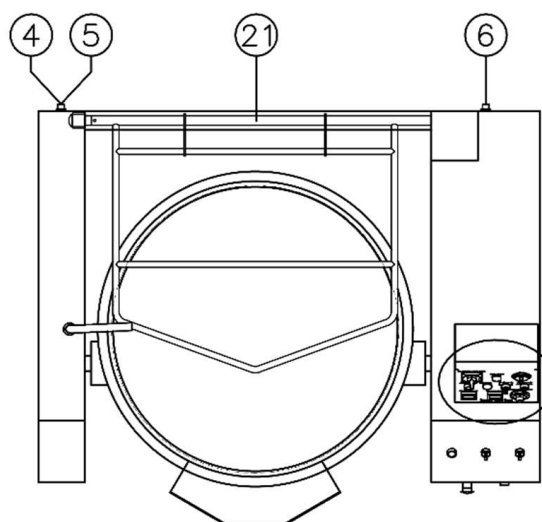
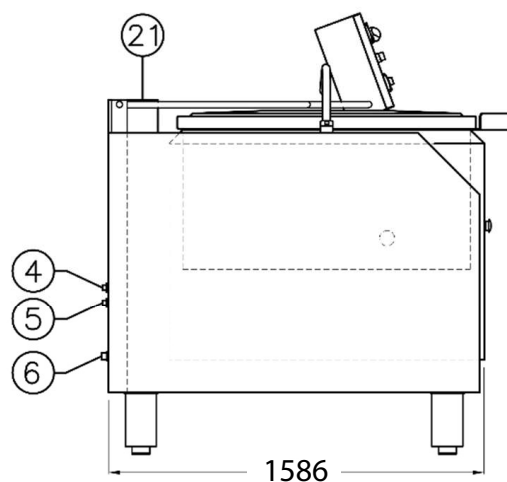
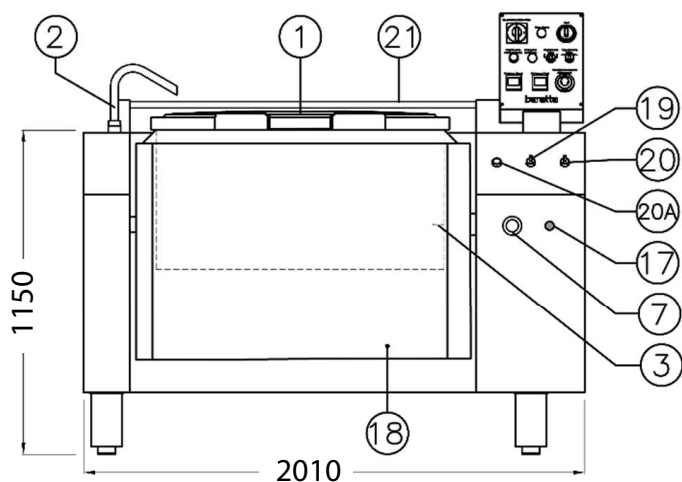
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CONTROL PANEL

1	Lid
2	Tank water filler spout
3	Heart probe
4	Cold water connection
5	Hot water connection
6	Cord connector
7	Emergency stop
8	Main switch
9	Power on pilot lamp
10	Push button start
11	Stop pilot lamp
12	Heart probe thermostat

12a	Tank thermostat
13	Timer
14	Speed mixing regulator
15	Tilting selector
16	Mixing selector
17	Phases control lamp
18	Safety thermostat
19	Tank water load selector
20	Opening lid selector
20a	Button for lid opening
21	Opening lid system

We reserve the right to alter specifications without notice.