

DATA SHEET

baratta

Baratta PEIME-1000 Indirect Electric 1000 litre Jacketed Boiling Pan with Auto Mixing | Auto Tank Tilt and Lid Lift

454103067

Build

- AISI 304 heavy-gauge stainless steel lid is completely motorised lid and includes two-hand safety controls
- Constructed with the highest quality materials and components, ensuring longevity, ease of maintenance, and adherence to the highest hygiene standards for cleaning and sanitization
- Designed and constructed with best-in-class insulation layers that minimize heat loss, optimize energy efficiency, and enhance cooking yield
- Heavy duty 1000 litre Jacketed Tank constructed entirely from heavy-gauge AISI 316 stainless steel.
- Thick-Rayed AISI 316 stainless steel bottom base enhances thermal efficiency and stability, ensuring optimal heat distribution and durability during intensive use.
- Fully motorized heavy-gauge AISI 304 stainless steel lid for effortless operation and enhanced ergonomics, featuring two-hand safety controls for secure use.
- Electric tank tilting mechanism powered by a robust gear motor, enabling effortless emptying of the tank.
- Heavy-duty AISI 316 stainless steel mixing arms with food-grade Teflon scrapers on the bottom and walls of the tank. These mixing arms ensure seamless mixing, prevent food adhesion, and operate autonomously without user intervention.
- The mixing arms are controlled by a speed regulation knob, offering full variable speed capabilities. Powered by a durable variable-speed direct drive motor with an inverter, it supports a wide range of cooking applications and includes a reverse function for added versatility.
- Indirect electric heating system powered by 76.2 kW armored heating elements heats the water in the jacketed wall cavity, generating steam for even heat distribution while minimizing food sticking, ensuring perfect cooking results.
- Water jacket equipped with a safety pressure relief valve and manometer for monitoring pressure levels, with a pressure gauge set to 0.45 bar, ensuring optimal operation and safety
- Automatic water loading system prevents the tank from running dry, safeguarding against any potential damage.
- Maximum and minimum water level jacket valves are fitted to regulate the distilled water level within the water jacket, which is automatically topped up by the standard automatic water loading device.
- Electronic bottom thermostat control with safety level regulates temperatures from 30°C to 105°C.
- Electronic core probe temperature control in the tank ensures precise regulation of product temperature throughout the cooking process
- Safety thermostat ensures added protection during operation.
- IP54 water protection rating safeguards the Boiling pan against dust and water splashes, making it suitable for various kitchen environments.
- Safety lamp alerts operators if any electrical phase issues occur ensuring enhanced safety.
- Durable electromechanical control panel enables precise programming of cooking functions, including thermostat adjustments, core product temperature control for precision cooking, cooking times, tank tilting, and mixer arm rotation speeds. Simple and intuitive, controls are positioned above the unit for easy cleaning, reliability, and user-friendly operation.
- Acoustic alert signals the completion of a programmed cooking cycle
- Extensive range of options and accessories to meet the every possible application.
- Backed by over 50 years of industry experience, Baratta continually innovates to exceed standards for strength, functionality, and maintenance, affirming its leadership in high-quality kitchen solutions.



Technical specifications

External Size

External Width	2040mm
External Depth	1850mm
External Height	1850mm

Weight

Net weight	
package weight	

Technical Features

Tank Capacity	1000 Lt
Tank Tilt Type	Automatic
Lid Lift Type	Automatic
Control Type	Electromechanical
Temperature	30°C to 105°C

Connection requirements electric

Electrical connected loads	76.2 kW
Voltage	400/3+N/50
Plug Supplied	No

Connection requirements Water

Water Jacket Drain	1/2 " F
Cold Water Connection	1/2" M
Hot Water Connection	1/2" M

Build Inclusions

Water jacket air exhaust system (Model: SAI SKU: 456131170)	✓
Automatic Water Loading (Model: CAI SKU: 456131140)	✓
Core Tank Probe (Model: STC-P SKU: 456131120)	✓
Core Temperature Probe (Model: HPI SKU: 456131240)	✓
Safety Valve Group including:	✓
-Water Jacket Water Connection	✓
-Depression Valve	✓
-Safety Valve	✓
- Manometer	✓

Warranty

2 Year Warranty	2 years parts and labour
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Options

Leg Options

☐	Lockable Wheel Set	
	Model: KR-4	SKU: 456131030
☐	Adjustable Flanged Feet	
	Model: PFT-2	SKU: 456131016



Hand Shower

☐	Hand Shower External	
	Model: DES	SKU: 456131228
☐	Hand Shower Retractable	
	Model: DFS	SKU: 456131230



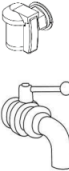
Drain Filter

☐	Drain Filter for tank ø 1100 mm	
	Model: FS-1200	SKU: 456131214



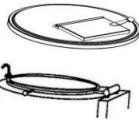
Drain Tap

☐	2" Drain Tap	
	Model: MDS-1	SKU: 456131245
☐	Washout Valve 2" DIN50 Connection	
	Model: DS2-50	SKU: 456131251
☐	Washout Valve DIN60 Connection	
	Model: DS3	SKU: 456131253



Lid Options

☐	Lid Hole with Grid	
	Model: CCI	SKU: 456130850
☐	Insulated Cover Ø 1200 mm	
	Model: CCI-1200	SKU: 456130835



Mixing Options

☐	Mixer for Mashed Potatoes	
	Model: MPP-1000R	SKU: TBA
☐	Mixer for Creams	
	Model: MPC-1000R	SKU: 457010224
☐	Mixer for Solid Parts	
	Model: MPS-1000R	SKU: TBA



Control Panel Cover

☐	Control Panel Cover	
	Model: CPC	SKU: 456131135

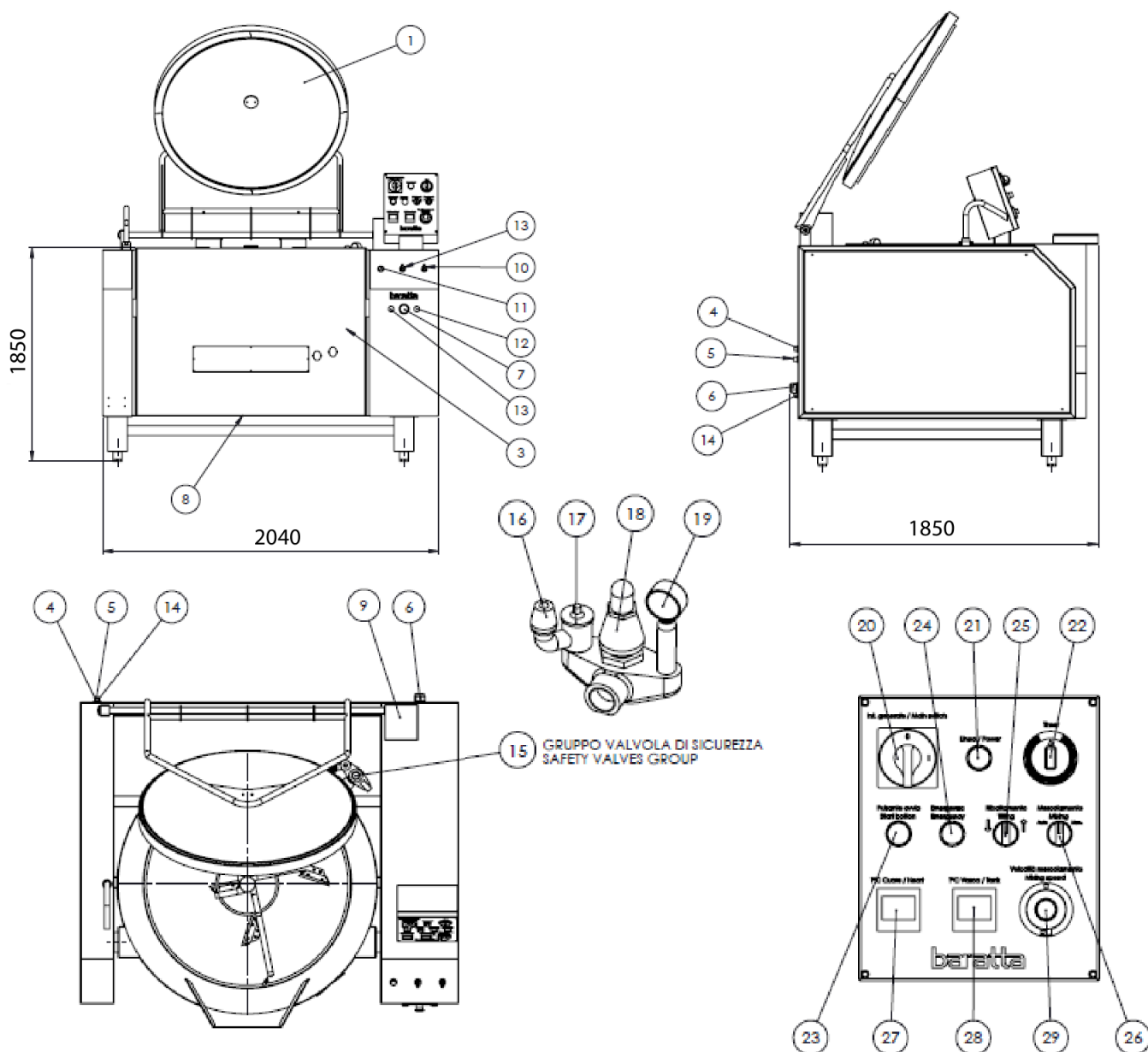


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1	Lid
2	Water Mix Tap
3	Tank Probe
4	Cold Water Connection 1" M
5	Hot Water Connection 1" M
6	Cord Connection
7	Emergency Stop
8	Water Jacket Water Drain 1/2" M
9	Opening Lid System
10	Opening Lid Selector
11	Button for Lid Opening
12	Switching On Appliance
13	Hot-Cold Water Selector
14	Water Connection for Water Jacket Automatic Load
15	Safety Valve Group

16	Depression Valve
17	Water Jacket Water Manual Load
18	Safety Valve
19	Manometer
20	Main Switch
21	Power On Pilot Lamp
22	Timer
23	Start Bottom
24	Electric Alarm Pilot Lamp
25	Electric Tilting Up/Down
26	Mixing Device
27	Heart Probe Thermostat
28	Tank Thermostat
29	Speed Mixing Regulator