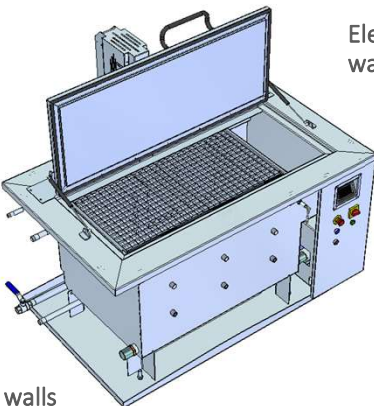


# BMG-1000

**High Power Ultrasonic Cleaner for Heavy Duty applications**

**28 kHz powerful ultrasound, digital & synchronized technology**

**Pneumatic Platform lift**

**Electronic IFM safety water level sensor**

**Thermal insulation 50mm**

**LFS<sup>®</sup> Oil Separation**

**Full Stainless Steel construction**

**Multilanguage color HMI touch screen**

**Sumersible ultrasonic emitters sets on lateral walls**

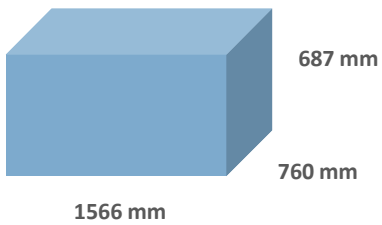
**2mm tank thickness**

**Insulated top lid**

**Stainless-Steel electric heating system**

**Height adjustable legs**

**Maximum Useful dimensions**



**At least 100-150 mm of free space surrounding the parts is required to allow proper ultrasonic diffusion. Don't overload the tank, to get good cleaning performance.**

The most powerful Ultrasonic equipment at market

UltraTecno  
Valencia, SPAIN  
+34 961 666 565 - info@ultratecno.es  
www.ultratecno.eu

Main tank internal dimensions	1620 x 1010 x 906 mm (1420 lt)
Full stainless steel construction	AISI 304/316L - 2 mm thickness - Height adjustable legs
External Dimensions with Top Lid Open / Weight	2404 x 1694 x 2142 mm / 992 kg

Ultrasonic System Frequency	28 kHz
Ultrasonic Actual Power	7000 W (7 sets) Synchronized Generators
Sweep Frequency	Digital $\pm$ 2% for smooth & safe cleaning
Ultrasonic Emitters Sets	316L submersible at walls

Elevator for agitation with platform lift	Pneumatic, max load 800 kg
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Oil Separation System	Patented LFS <sup>®</sup> with Pump, Auxiliary tank & Automatic extraction
LFS <sup>®</sup> Recirculation pump	Stainless Steel EBARA CDX with Si/PTFE Viton <sup>®</sup> seal

Heating System	14 kW stainless-steel heaters
Acoustic & Thermal Insulation thickness	Fire & Sound proof Stone rock 50 mm
Insulated Top Lid	Automatic (pneumatic) 30 mm thermal & acoustic insulation
Safety water Level Sensor	Electronic IFM LMT-102 (SS316-PEEK)

Inset Multilanguage 7" Color HMI Touch screen	Manual & Automatic Preset Cycles Full process parameters customization Heating & US Programmable Timer / Preventive Maintenance Schedule Electrical Consumption Monitor / Detergent calculator / Hourly & starts counter
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Optional Devices Available	Stainless steel reusable filter / Automatic Water Refill System / Dosing system for liquid detergent / Ceramic heaters stain-less protection housing / External drainage pump
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28kHz  
Synchronized



Durable  
Construction



Green  
Label



Low noise  
Emission



Smart  
Interface



Best cost effective  
Cleaner