

# BMG-2000

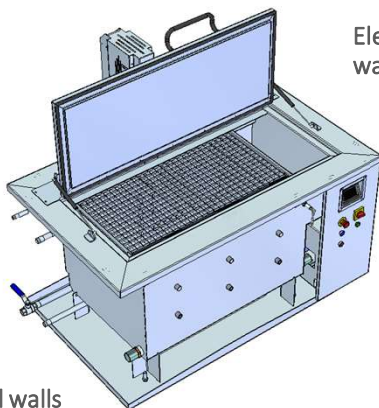
**High Power Ultrasonic Cleaner for Heavy Duty applications**



28 kHz powerful ultrasound, digital & synchronized technology

Pneumatic Platform lift

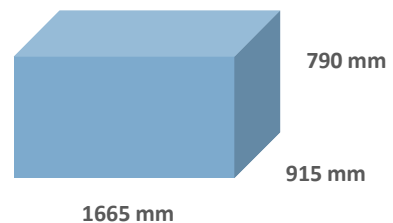
Electronic IFM safety water level sensor



Thermal insulation 50mm

LFS<sup>®</sup> Oil Separation

Maximum Useful dimensions



Full Stainless Steel construction

Multilanguage color HMI touch screen

2mm tank thickness

1665 mm

915 mm

790 mm

Submersible ultrasonic emitters sets on lateral walls

Stainless-Steel electric heating system

*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.*

Insulated top lid

Height adjustable legs

The most powerful Ultrasonic equipment at market

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

Main tank internal dimensions	1800 x 1100 x 1100 mm (2178 lt)
Full stainless steel construction	AISI 304/316L - 2 mm thickness - Height adjustable legs
External Dimensions with Top Lid Open / Weight	XXXX X 1872 X 2862 / 1.430 Kg

Ultrasonic System Frequency	28 kHz
Ultrasonic Actual Power	9000 W (9 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 1000 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	22 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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