



ULTRATECNO
POWER ULTRASONIC CLEANING

ACM-4500N

High Power Ultrasonic
Cleaner for Heavy Duty
applications



FOE[®]
Floating
Oil Extraction

ARF[®]
Acoustic
Reduction Filter

LFS[®]
Laminar
Flow System

Hydraulic
Platform lift

Insulated
automatic lid

FOE[®] Floating
Oil Extraction

ARF[®] noise
reduction

Triple thermal
insulation

Full Stainless steel
construction

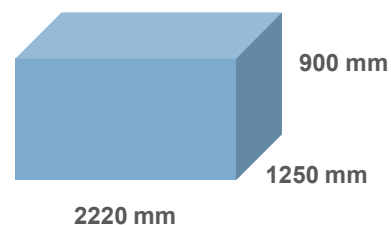
Protected
Ceramic Heaters

LFS[®] Oil
Separation

28 kHz Powerful
Ultrasound

Replaceable
transducers

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

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Main tank internal dimensions	2400 x 1590 x 1360 mm (5190 litres)
Full stainless steel construction	AISI 304/316L - 3 mm thickness - Height adjustable legs
External Dimensions with Top Lid Open / Weight	3290 x 2305 x 3340 mm / 3000 kg

Ultrasonic System Frequency	28 kHz
Ultrasonic Actual Power	15000 W (15 sets) Synchronized Generators
Sweep Frequency	Digital $\pm 2\%$ for smooth & safe cleaning
Ultrasonic Emitters Sets	316L Flanged assembly at walls (replaceable)
Noise Reduction System	Patented ARF© <78db (A)

Elevator for agitation with platform lift	Hydraulic, max load 1800 kg
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Oil Separation System	Patented LFS© with Pump, Auxiliary tank & Automatic extraction
LFS® Recirculation pump	Stainless Steel EBARA CDX

Heating System	37,5 kW Ceramic Heaters into protective stainless-steel housing
Acoustic & Thermal Insulation thickness	Fire & Sound proof Stone rock 50 mm
Insulated Top Lid	Automatic (pneumatic) 50 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	Filtering / Automatic Water Refill / Hybrid Heating / Small parts basket / Steam Extraction / Automatic Top Lid Opening / Hands Free Operation Pedal
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28kHz
Synchronized



Durable
Construction



Green
Label



Low noise
Emission



Smart
Interface



Best cost effective
Cleaner