



ULTRATECNO
POWER ULTRASONIC CLEANING

ACM-4500N

FOE[®]
Floating
Oil Extraction

ARF[®]
Acoustic
Reduction Filter

LFS[®]
Laminar
Flow System

High Power Ultrasonic
Cleaner for Heavy Duty
applications



Hydraulic
Platform lift

Insulated
automatic lid

FOE[®] Floating
Oil Extraction

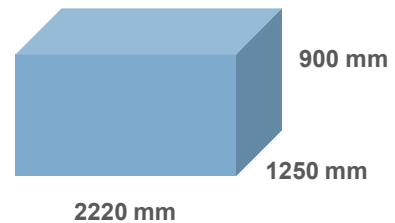
ARF[®] noise
reduction

LFS[®] Oil
Separation

Maximum Useful dimensions

Triple thermal
insulation

28 kHz Powerful
Ultrasound



Full Stainless steel
construction

Protected
Ceramic Heaters

Replaceable
transducers

*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

Oil Separation System Patented LFS[©] with Pump, Auxiliary tank & Automatic extraction
LFS[®] Recirculation pump Stainless Steel EBARA CDX with Si/PTFE Viton[®] seal

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

Optional Devices Available Filtering / Automatic Water Refill /
Hybrid Heating / Small parts basket /
Steam Extraction / Automatic Top Lid Opening / Hands Free Operation Pedal



28kHz
Synchronized



Durable
Construction



Green
Label



Low noise
Emission



Smart
Interface



Best cost effective
Cleaner