

Advanced **US** for a cleaner future

ULTRASONIC CLEANING SYSTEMS



tierratech[®]
ULTRASONIC CLEANING SYSTEMS



MOT - 150 ADVANCE

Speed
40% Faster.



Energy Savings

More than 50% on energy savings over traditional equipment.

Robustness and Reliability
With TierraTech[®] guarantee.



Silence

57 db maximum.

Ergonomics
Simplicity and comfort.



Water savings

Complete watertightness that prevents loss of water by evaporation.

www.tierratech.com

Technical data and measures

Ultrasonic cleaning tank built in double layer of polypropylene of 5 mm thickness and internal chamber of thermal-acoustic insulation of 20 mm of thickness.

Opening-closing lid in polypropylene with double wall of 4 mm thickness and thermal-acoustic insulation of 20 mm thickness.

Pneumatic platform built in stainless steel AISI 304, with a loading capacity of 60 kg., regulating flow of rising, descending and condensation filter.

WFS (oils separation) independent tank from the cleaning tank for the collection of oils and particles on the surface of the main cleaning tank, minimum water level detector, drain for the oil outlet and maintenance.

Electrical resistance built in stainless steel AISI 316L and a power of 3500W.

Filter bag TTF1 (optional) for removal of sludge from the bottom of the tank built in AISI 304 stainless steel, manometer and the possibility of integrating bags of 5 to 200 microns.



Capacity
150 litres

Internal Measures
735x510x560 mm

External Measures
1140x930x1060 mm

Platform Measures
670x415 mm

Generators and Emitters

Ultrasonic generator, output power of 1700W (3400W p-p) with automatic power and frequency wave monitoring. Working frequency 40 KHZ, Sweep System \pm 2%.

1700W ultrasonic emitters (3400W p-p) of power built in stainless steel AISI 316 L., 2.5 mm thick with 34 high-performance titanium-steel-IBL piezoelectric transducers.

Control Panel

7" Screen & TFT Display.

Time control for equipment preheating, weekly calendar, alarms, US direct selectors, heating resistance, platform lift and lowering, continues vertical motion up and down system and water level control.

Conformity Assessment according to Annex I to Directive
2006/42/EC



TÜVRheinland[®]

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