

ADVANCED ULTRASONIC SYSTEMS FOR A CLEANER FUTURE



MOT-400N ADVANCED

Speed



Energy Savings

Robustness and Reliability
With TierraTech guarantee



Silence
60 db maximum

Ergonomics
Simplicity and comfort



Water savings
Complete watertightness that prevents loss of water by evaporation

GENERATORS AND EMITTERS

Ultrasonic generator, output power of 3400Wp (68000Wp-p) with automatic power and frequency wave monitoring. Working frequency 40 KHZ, Sweep System \pm 2%.

1 submersible emitter with a power of 1700 WP (3400 W p-p) made of 0,098" inch thick stainless steel AISI 316, with 34 high-performance titanium-steel IBL piezoelectric transducers with 60W each.

TECHNICAL DATA AND MEASURES

Pneumatic platform made of stainless steel AISI 304, with a loading capacity of up to 440 Lb, adjustable rising and lowering flow and condensation filter.

Ultrasonic cleaning tank made of 0,07 thick AISI 304 stainless steel with an internal chamber of thermal-acoustic insulation

Tank capacity: 110 gal
WFS capacity: 20 gal

Pneumatic platform made of AISI 304 stainless steel, with a load capacity of up to 661 lb

WFS (Waterflow system for oil separation), auxiliary tank for the collection of oils and particles floating on the surface of the main cleaning tank, and oil outlet and maintenance.

Heating element with a power of 7550 w built in Incoloy®, a metal alloy, resistant to high temperatures and corrosion.

* (Optional) Filter bag TTF1 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.

CONTROL PANEL

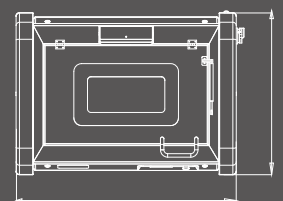
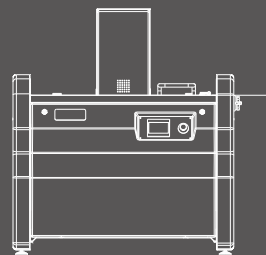
7" Screen & TFT Display

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.

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MOT-400N ADVANCED



CAPACITY 110 GALLONS

INTERNAL DIMENSIONS
43"x24"x27" inch

USEFUL DIMENSIONS
42"x21"x17" inch

EXTERNAL DIMENSIONS
76"x43"x41" inch

