

**ADVANCED ULTRASONIC SYSTEMS FOR A CLEANER FUTURE**



**MOT-185 ADVANCED**

**Speed**



**Energy Savings**

**Robustness and Reliability**  
With TierraTech guarantee

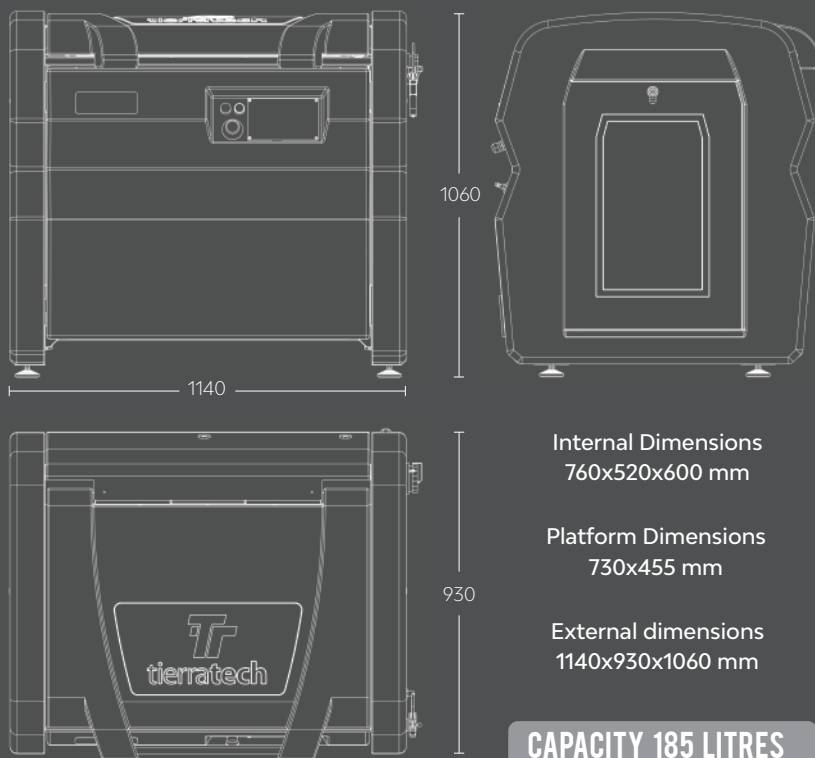


**Silence**  
60 db maximum

**Ergonomics**  
Simplicity and comfort



**Water savings**  
Complete watertightness that prevents loss of water by evaporation



**Motor Clean**  
BY TIERRATECH

# MOT-185 ADVANCED

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## Technical data and measures

**Ultrasonic cleaning tank** made of 2 mm stainless steel AISI 304 and with 20 mm thermo-acoustic insulation

Tank Capacity: 185 litres

WFS Capacity: 30 litres

Total Capacity: 215 litres

**Tank lid** in polypropylene with 4 mm double wall and 20 mm thermo-acoustic insulation

**Pneumatic platform** made of stainless steel AISI 304, with a loading capacity of 60 kg, adjustable rising and lowering flow and condensation filter

**WFS (Waterflow system for oil separation)**, auxiliary tank for the collection of oils and particles floating on the surface of the main cleaning tank, with minimum water level detector and drain for the oil outlet and maintenance. Capacity 30 litres

**Electrical resistor** made of stainless steel AISI 316L, with 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.

## Generators and Emitters

**Ultrasonic generator**, output power of 1800W (3600W p-p) with automatic power and frequency wave monitoring. Working frequency 40 KHZ, Sweep System  $\pm 2\%$ .

**1800W ultrasonic emitters** (3600W p-p) of power built in stainless steel AISI 316 L, 2.5 mm thick with 36 high-performance titanium-steel IBL piezoelectric transducers with 50W each.

## 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



Documento N°.: EC/105/17

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