

# T100

 - Maximum process volume capacity  
130 L per cycle.

Our patented process is designed to **shred and sterilize** infectious waste by saturated steam. Shredding and sterilization are achieved in one fully enclosed and automated, stainless steel, system with no intermediate waste handling.

The contaminated waste is loaded into the upper chamber where a heavy-duty shredder reduces the waste into small pieces. Using gravity, the processed material drops into the lower treatment chamber.



After shredding, waste and all the inner parts of the machine are steam heated to 138°C (280 F) and pressurized to 3,5 bar (51 psi).



Sterilization is achieved by maintaining a temperature of 138°C (280 F) at the core of the waste for 10 minutes.



Waste are both sterilized (Microbial inactivation =  $10^8$  reduction of *Geobacillus Stearothermophilus* spores), volume-reduced by up to 80 % and weight-reduced by up to 40 % depending on the nature of the waste.



The 30 minutes duration of an average cycle process is fully automated and totally monitored. A computerized control system scans the process and automatically prints and records on a memory card a batch report at the end of each cycle with the essential sterilizing parameters for accurate record keeping.

Approved by the Higher Council of Public Health of France under the direction of the Ministry of Health and the Ministry of the Environment.

ASME CE LNE



Management System  
ISO 9001:2015  
ISO 14001:2015



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## Technical specifications

### General Characteristics

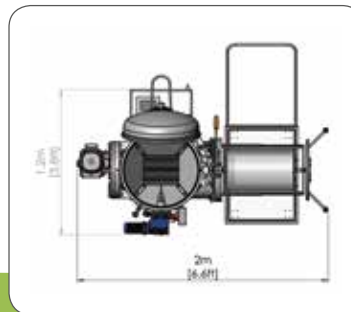
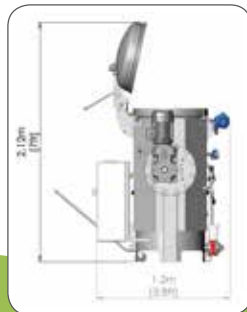
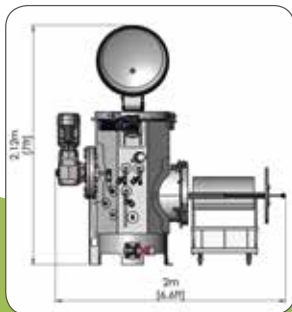
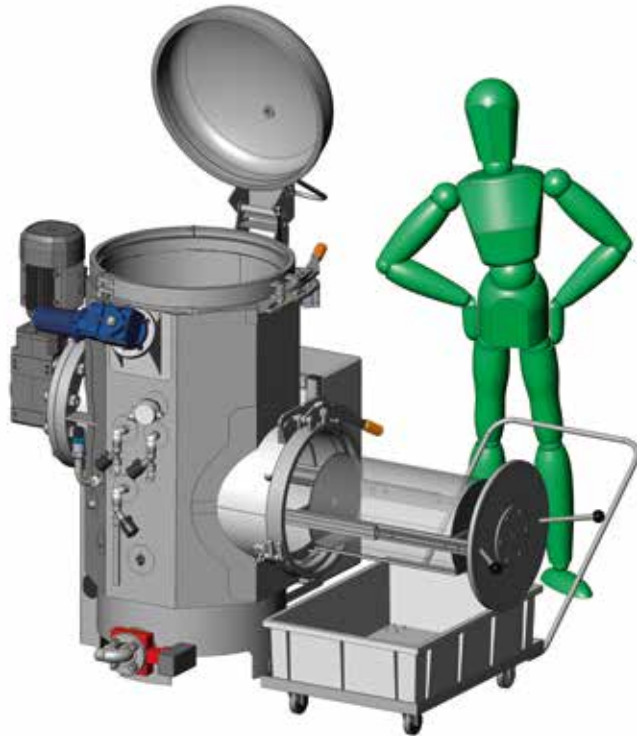
Dimensions (L x l x H)	200x120x212 Cm
Dimensions (L x W x H)	6,6x3,8x7 Ft
Total volume	377 L
Shipping weight	635 Kg
Max weight when filled with water for a special hydraulic test	1012 Kg
Stress	0,1 Kg/cm <sup>2</sup>
Steam Pressure	8 Bar
Max Steam Flow	35 Kg/h
Compressed air	6 Bar
Electricity 380 V / 3-Phase	5 kW

### Operating Characteristics

Treatment temperature	130 - 177 °C
Average cycle time	30 Minutes
Max loading volume capacity	130 L
Average process volume capacity	100 L
Average waste density	100 - 150 Kg/m <sup>3</sup>
Average process weight capacity	10-15 Kg/cycle 22-33 Lb/cycle
Sterilization: Reduction of Geobacillus Stearothermophilus spores	10 <sup>8</sup>
Waste volume reduction	80%
Max waste weight reduction (depending on the nature of the waste)	40%

### Consumption / cycle

Steam	6 Kg
Electricity	0,55 kWh
Water	5 L



28 rue Sébastopol  
59100 ROUBAIX - FRANCE

Tél. +333 20 70 98 65

contact@ecodas.com  
www.ecodas.com

