

## ANNEX A: KEY DATA MACS 700

MACHINE	
Filling hopper capacity	350 Liters
Autoclave capacity	245 Liters
Noise Level	<65 dB
Casing	Steel
Optional	optional: customer's choice of <u>colour</u>
Shredder	Electric motors, each with reverse operation, blades made of <u>Hardox</u> ® steel
CONNECTIONS	
Water connection	$\frac{3}{4}$ "
Water drain	2"
Power supply	3-phase, 400 V, 50 Hz–60 Hz
LAN/WLAN	Connection to the local network possible
LOCATION	
Space requirement	Approx. 29 m <sup>2</sup> . Minimum distance to the wall: 0.5 m – door side – min 1.20 m
Ventilation	6 air changes per hour recommended
Ground load caused by equipment	Approx. 882 kg/m <sup>2</sup>
PROCESS	
Process capacity per cycle	700 liters / 70–210 kg (density 0.1–0.3 kg/l)
Process	Pre-vacuum plus plateau phase 10 or 20 min., temp. 136°C, pressure up to 4.5 bar
Process time/cycle	Standard 60 Min.
Biological inactivation	SAL <sup>-24</sup> standard program, SAL I <sup>-48</sup> (20 minutes program)
Waste reduction	Up to 97% of the volume, depending on waste type and density
Shredding time	6–10 minutes depending on the waste composition
DIMENSIONS*	
Height/Width/Depth (mm)	2.850 / 2.800 / 1.850
Height/Width/Depth (ft)	9.35 / 9.19 / 6.07 ft
Height with machine open	3,450 mm / 11.32 ft
Net weight	4.900 kg
DOCUMENTATION (INTEGRATED PRINTER)	
Pressure in bar, temperature, time, cycle number, every minute during the plateau phase	
USB data transfer, step logging on SD card: connection to the local network possible (LAN/WLAN)	

## ANNEX B: SPARE PARTS

We recommend keeping the spare parts listed below in stock to ensure a quick and seamless repair in the event of any malfunctions:

Description	Amount	UOM
Inflatable seal for autoclave lid	10	set
Inflatable seal for funnel lid	10	set
Air filter	5	each
Filtrate (BWT)- for water softener	5	each
Seal set including bearing (Shredder)	1	set
Printer rolls	10	each
Plunger cylinder	2	each

## ANNEX D: PREVENTIVE MAINTENANCE-SCHEDULE (ON SITE)

Preventive maintenance		Task
<b>Recommended</b>		
Machine Area	Action	Frequency
Charging hopper	Clean the seal	Every cycle
Unloading lid	Check if there is no residue or build-up on the seal	Every cycle
Unloading lid	Clean the inflatable seal	Every cycle
Charging hopper	Check if there is no residue or build-up on the seal	Every cycle
Shredder	Visual inspection of the cutting blades, counter blades	Every day
Treatment chamber	Take off and clean the conveying screw	Every day
Treatment chamber	Take off and clean the screens (grid)	Every day
Housing	Visual inspection	Every day
Treatment chamber	Clean the lower level	Every week
Treatment chamber	Clean steam lance and steam outlet slots	Every week
Shredder	Check the oil level of the motor gearbox	Every month
Wastewater pipe system	Check wastewater pipe system and clean if water cannot flow free	Every month
Cooling water pipe system	Check water pipe system	Every month
Pusher	Take off and clean the end of the pusher (the part in the machine)	Every 3 months
Filter	Change the filter cartridge	Every 6 months (1 shift)
Compressor	Remove condensation from tank, clean aspiration filter, check oil level	Every month
Shredder	Shredder replacing	8000 cycles
Shredder	Change the oil (see operating instruction Motor Gearbox)	Every 2 years