

UCM 500SL

Overflow

Overflow to avoid water spills when big parts are introduced. Valve 3/4"

Noise reduction system

Worktop equipped with noise reduction system up to 78db at 28kHz

Heat-isolated manual / automatic lid

Heat-isolated lid that remains the temperature and reduce the noise emissions. Automatic lid from 1000 liters, optional on the rest of models.

Auxiliary tank drain

At the bottom of the tank it's used to emptying the tank in a easy way.

Oil extraction

Used to remove the surface oil layer from the auxiliary tank after its separation. Valve 3/4"

Main tank drain

At the bottom of the tank it's used to empty the main tank. Valve 1 1/2"



HMI 7" Color IP67

7" color touch screen with intuitive interface and integrated help. Aviable in customer's languaje.

IP67 buttons grade

IP67 pushbuttons ready to clean the machine surface easily and without risk of short circuits.

Integrated electrical cabinet

Integrated removable electrical panel that facilitates maintenance and reduces the free space left between the tank and the wall.

Regulable feet

Height-adjustable non-slip feet. They allow easy leveling of the machine.

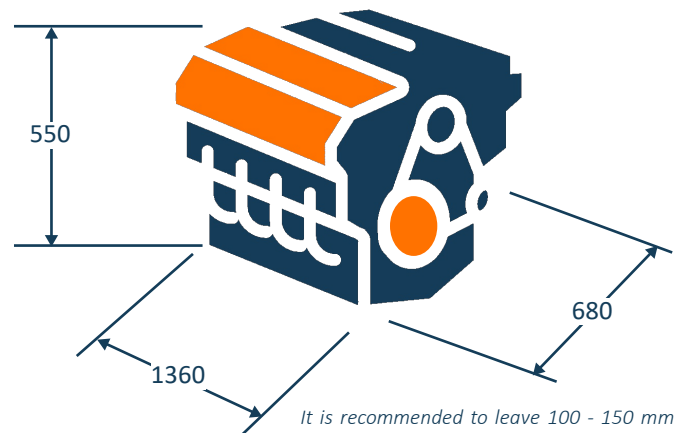
Stainless steel INOX 304 satin panels

Stainless steel AISI 304 satin panels

Main characteristics

Ultrasounds power (W)	4000
Heating system power (W)	11250
Tank capacity (liters)	546
Inner measures LxWxH (mm)	1400 x 600 x 650
Usefull measures LxWxH (mm)	1360 x 680 x 550
External measures LxWxH (mm)	1930 x 910 x 1200
Static maximum load (kg)	1050

Maximum usefull measures



It is recommended to leave 100 - 150 mm of free space between the part and the tank walls for adequate ultrasonic diffusion.



Expanded features

Ultrasounds		Included	Optional
Frequency.	28kHz	Yes	38kHz
Power.	4.000W (4 x 1000W AISI 316L de 2 mm thickness.)	Yes	
Swiping.	± 2%	Yes	
Degas mode.	No	Yes	
Adjustable power.	0% - 100%	Yes	
Remote control	RS485 Modbus RTU	Yes	
Controlled from PLC	From the ultrasound setup screen	Yes	
Adjustable ramp up	Soft start for special applications	Yes	
Heating system			
Power	11250 (3 x 3750kW immersed Incoly 825)	Yes	
Control type	PT100 probe	Yes	
Elevator			
Oscilation	Oscilation motion with adjustable heigh	No	
Tramex	removable built in AISI 304 stripped	Yes	
Elevator type	Pneumatic	No	No
Machine air inlet	Fast connector 1/4 male	No	
Working nominal pressure	- bar		
Maximum dynamic load	-kg at - bar		
Lid			
Open mode	Manual	Yes	
Automatic open mode	Pneumatic actuator	No	No
Heat-isolated	thermal and acustic isolation 20mm thickness	Yes	
Perimetral gasket	NBR (removable)	Yes	
Pours water	stainless steel AISI 304	Yes	
Oil separation system			
Auxiliary tank	54L	Yes	
Adjustable height	Manual	Yes	
Other features			
PLC + HMI control	HMI 7" color multi lenguaje	Yes	
Stainless steel tank AISI 304	Stainless steel AISI 304 2 mm thickness	Yes	AISI 316
Level control	inductive sensor INOX + PEEK IFM	Yes	
Thermal & acustic isolation	Double layer 50mm thickness	Yes	
Electrical cabinet	Integrated for easy access to maintenance	Yes	
Overflow	3/4"	Yes	
Lighting beacon	Integrated with programable colors	No	Yes
Noise Reduction System (NRS)	Acustic bridge	Yes	

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