

UCM 3000SL

Overflow

Overflow to avoid water spills when big parts are introduced. Valve 1"

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.

HMI 7" Color IP67

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

Oil extraction

Used to remove the surface oil layer from the auxiliary tank after its separation. Valve 1"

IP67 buttons grade

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

Main tank drain

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

Integrated electrical cabinet

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



Stainless steel INOX 304 satin panels

Stainless steel AISI 304 satin panels

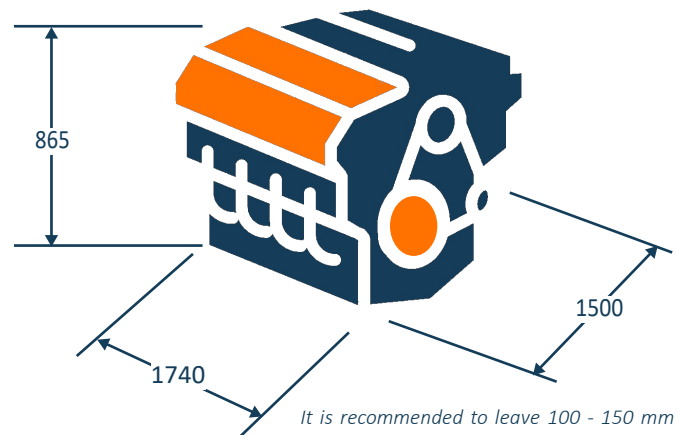
Regulable feet

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

Main characteristics

Ultrasounds power (W)	14000
Heating system power (W)	31500
Tank capacity (liters)	3105
Inner measures LxWxH (mm)	1800 x 1500 x 1150
Usefull measures LxWxH (mm)	1740 x 1500 x 865
External measures LxWxH (mm)	2710 x 2110 x 2975
Static maximum load (kg)	3000

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.	14.000W (7 x 2000W 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	31500 (7 x 4500kW 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	7 bar	Lid	
Maximum dynamic load	-kg at - bar		
Lid			
Open mode	Manual	No	
Automatic open mode	Pneumatic actuator	Yes	
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	400L	No	Yes
Adjustable height	Manual	No	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	1"	Yes	
Lighting beacon	Integrated with programable colors	No	Yes
Noise Reduction System (NRS)	Acustic bridge	Yes	

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