

UCM 1000DL LONG

Cleaning of long industrial parts

Noise reduction system

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

Overflow

Overflow to prevent overflows in the tank when introducing large pieces. 3/4" valve

Integrated electrical panel

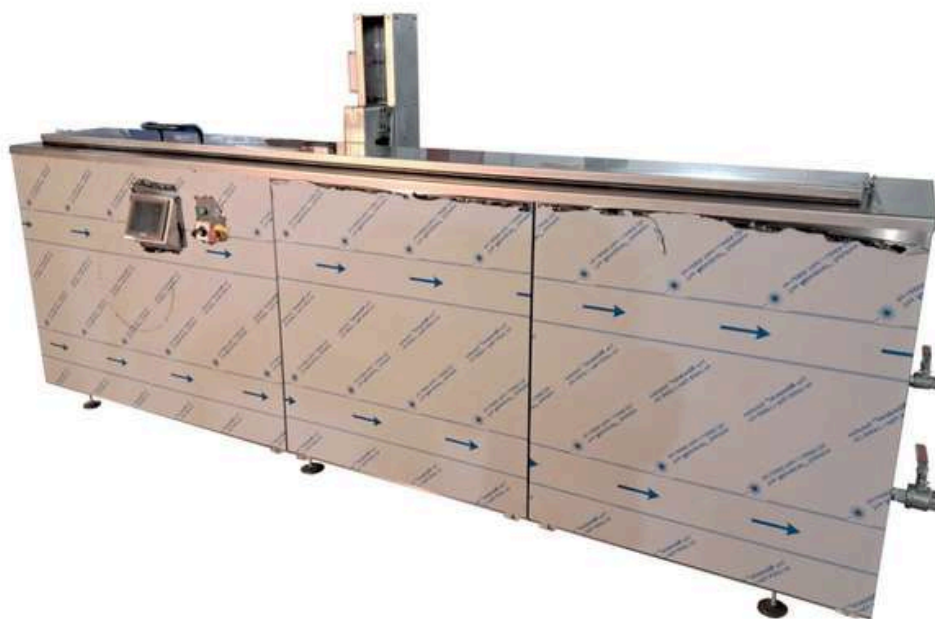
Removable integrated electrical panel that facilitates maintenance and reduces the free space between the tank and the wall.

Double-layer thermal and acoustic insulation

Reduces noise emissions and prevents heat loss. This makes the machine more environmentally friendly.

Heavy Duty

The robust construction of DCM ultrasonic equipment makes our machines the ones that lift the most weight on the market, allowing them to clean really heavy loads.



Technical characteristics

Ultrasonic power (W)	8000
Heating power (W)	15.000
Capacity of the tank (litres)	1050
Interior dimensions LxWxH (mm)	3500 x 500 x 600
Useful dimensions LxWxH (mm)	3450 x 450 x 450
External dimensions LxWxH (mm)	4200 x 950 x 1700
Maximum static load (kg)	1050

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



Advanced Features

Ultrasounds		Included	Optional
Frequency.	28kHz	Yes	38kHz
Potency.	8,000W (8 x 1000W AISI 316L 2mm thick.)	Yes	
sweeping	± 2%	Yes	
Degas mode.	Yes	Yes	
Adjustable power	0% - 100%	Yes	
Remote control	Vía RS485 Modbus RTU	No	Yes
Control from the PLC	Desde la pantalla de ajustes de ultrasonidos	Yes	
Adjusting the ramp up	Arranque suave para aplicaciones especiales	No	Yes
Heating			
Potency.	15,000 (4 x 3750W stainless steel AISI 316L)	Yes	
Control type	PT100 probe	Yes	
Elevator			
Batting	Swinging motion with adjustable height	Yes	
Tramex	Removable, made of pickled AISI 304	Yes	
Elevator type	Pneumatic	Yes	
Air intake on machine	1/4 male quick coupling	Yes	
Working pressure	7 bar		
Maximum dynamic load	890kg a 7 bar		
Cap			
Modo de apertura	Automatic	Yes	
Automatic lid opening	Pneumatic actuator	Yes	
Heat insulation	Double layer thermal acoustic insulation 20mm thick	Yes	
Perimeter board	NBR (replaceable)	Yes	
Water drip	AISI 304 stainless steel	Yes	
Oil separation system			
Auxiliary Cuba	130L	Yes	
Adjustable height	Manual	Yes	
Other equipment			
PLC + HMI control	HMI 7" multilingual color	Yes	
Cuba in AISI 304 steel	AISI 304 stainless steel plate 2 mm thick	Yes	
Level control	STAINLESS STEEL + PEEK IFM inductive sensor	Yes	
Thermal acoustic insulation	Double layer 50mm thick	Yes	
Electrical panel	Removable integrated for easy access	Yes	
Overflow	3/4"	Yes	
Luminous beacon	Integrated with programmable colors	Yes	
Noise Reduction System (NRS)	Acoustic bridge	Yes	