

UCM 1000DL LONG

Cleaning of long industrial parts

Noise Reduction System

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

Overflow

Overflow to prevent overflowing of the tank when inserting large pieces. 3/4" valve

Integrated electrical panel

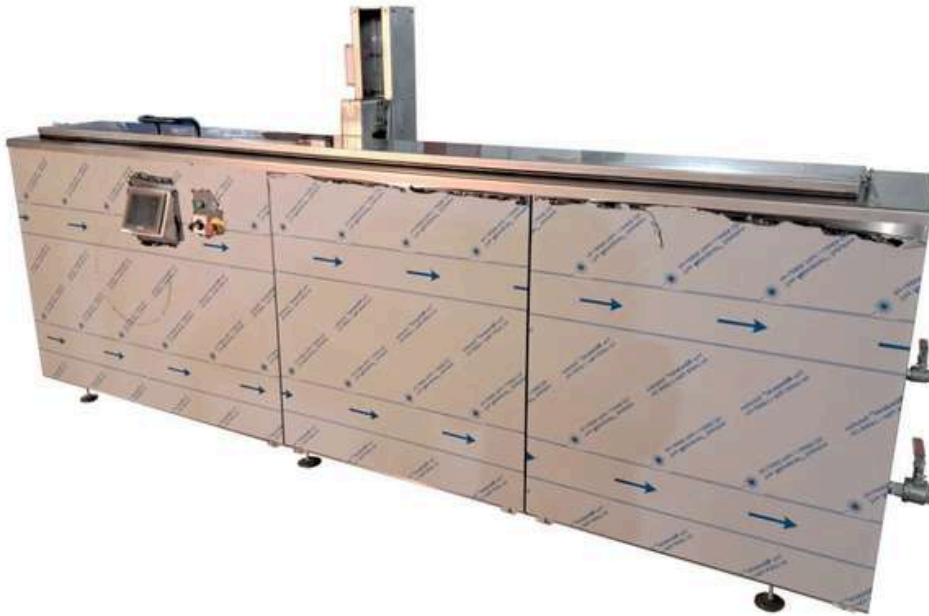
Removable integrated electrical panel facilitates maintenance and reduces the space required between the tank and the wall.

Double-layer 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 heaviest lifting machines on the market, allowing them to clean truly heavy loads.



Technical characteristics

Ultrasonic power (W)	8000
Heating power (W)	15.000
Tank capacity (liters)	1050
Interior dimensions LxWxH (mm)	3500 x 500 x 600
Usable 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 100-150 mm of free space between the part and the tank walls for adequate ultrasonic diffusion.



Advanced Features

Ultrasonics		Included	Optional
Frequency	28kHz	Yes	38kHz
Potency	8,000W (8 x 1000W AISI 316L, 2mm thick)	Yes	
Sweeping	± 2%	Yes	
Degas mode	Si	Yes	
Adjustable power	0% - 100%	Yes	
Remote control	Vía RS485 Modbus RTU	No	Yes
Control from the PLC	From the ultrasonic settings screen	Yes	
Adjusting the uphill ramp	Soft start for special applications	No	Yes
Heating			
Potency	15,000 (4 x 3750W stainless steel AISI 316L)	Yes	
Control type	PT100 probe	Yes	
Elevator			
Batting	Back-and-forth movement with adjustable height	Yes	
Tramex	Removable, made of pickled AISI 304	Yes	
Elevator type	Pneumatic	Yes	
Air intake in machine	1/4" male quick-release coupling	Yes	
Working pressure	7 bar		
Maximum dynamic load	890kg a 7 bar		
Lid			
Opening mode	Automatic	Yes	
Automatic lid opening	Pneumatic actuator	Yes	
Heat-insulated	Double-layer 20mm thick thermal and acoustic insulation	Yes	
Perimeter joint	NBR (replaceable)	Yes	
Water pourer	AISI 304 stainless steel	Yes	
Oil separation system			
Auxiliary tank	130L	Yes	
Adjustable height	Manual	Yes	
Other equipment			
PLC + HMI control	7" multilingual color HMI	Yes	
AISI 304 steel tub	2 mm thick AISI 304 stainless steel sheet	Yes	
Level control	STAINLESS STEEL + PEEK IFM inductive sensor	Yes	
Thermal and acoustic insulation	50 mm thick double layer	Yes	
Electrical panel	Removable integrated housing for easy access	Yes	
Overflow	3/4"	Yes	
Luminous beacon	Integrated with programmable colors	Yes	
Noise Reduction System (NRS)	Acoustic bridge	Yes	