

ULTRASONIC CLEANING UNITS

FINNSONIC MI



cleaner • safer • smarter

UP TO 50 % SHORTER TREATMENT TIMES WITH FINNSONIC MI ULTRASONIC MACHINES

FinnSonic MI is a compact and fast solution to conventional industrial parts cleaning needs. Operating the unit as well as cleaning and maintenance of the parts is simple and effortless. MI series' modules are made of stainless steel for demanding conditions and heavy use.

Ultrasonic cleaning is sufficient for typical maintenance needs. The MI machine can be expanded into a modular multi-stage washing system, if needed. The washing process can be enhanced with a host of options, thus creating even more cost savings.

Reduced Operating Costs

7-Day Timer For Pre-Sets

Oil Separation

Closed Loop Circulation

Air Bubble Agitation

Easy Control System

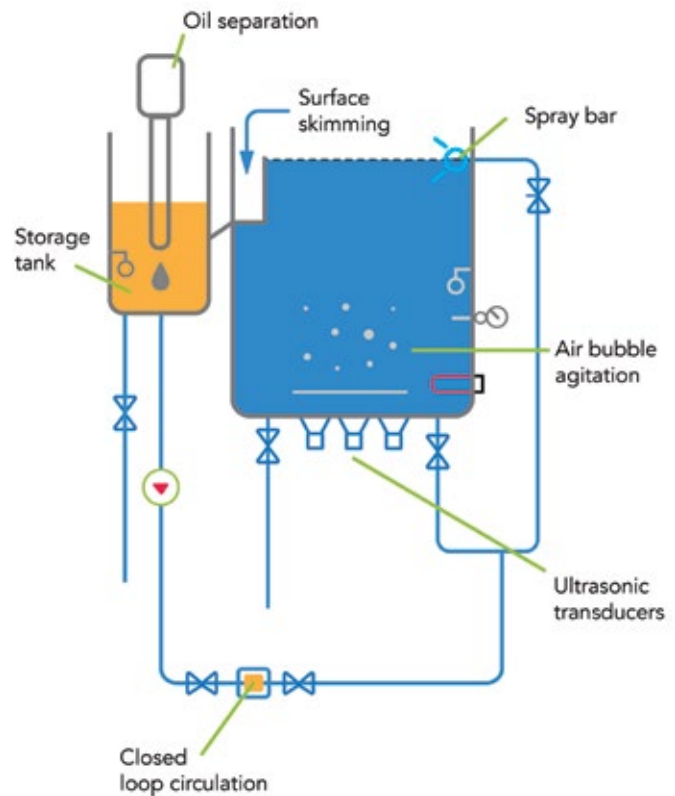
Main benefits

- » The new Finn Sonic ultrasonic technology provides constant maximum performance
 - » Automatic measuring of load - frequency and power regulation
 - » Fully digital generator – well-adjusted and energy efficient
 - » Advanced diagnostics – performance monitoring and service capabilities
 - » Top level of cleanliness
- » Quick wash process
- » Good ergonomics in manual handling of items
- » A cost-effective solution
- » Compact design, small footprint



WASH PROCESS

The good level of cleanliness achieved with FinnSonic MI series machines is based on an efficient ultrasound. The transducers have been mounted either to the base or to the sides of the tank, as needed. The ultrasound can thus be optimally targeted for more efficient cleaning. A full width overflow weir with a cut-off valve for surface skimming is a standard feature.



Rinse

Detergent residues are removed from the surface of the part by rinsing. An increased rinsing effect is obtained by air bubble agitation.

Fluid handling

FinnSonic fluid-handling options ensure the desired level of cleanliness and reduce operating costs. Closed loop filtration and oil separation systems prolong the life of wash and rinse liquids while providing a more consistent cleaning result. Free oil can be skimmed from the surface to a storage tank for oil separation.

FinnSonic control system

- » The wash process is controlled by a user friendly V03 control system
- » Preheating can be set with the seven-day timer
- » Most frequently used temperature and wash time settings can be stored in three memory slots
- » Setting the temperature and switching the heating on is done from the control panel, along with setting the wash time and starting the wash
- » A temperature interlock is also a feature. It ensures that the the wash process will not begin before the set temperature is reached



TECHNICAL INFORMATION

Technical information	M80I	M120I	M160I	M160I 2400
Volume (l)	80	120	160	160
External dimensions (mm)	760 x 460 x 720	740 x 580 x 745	1340 x 460 x 770	1340 x 460 x 770
Tank dimensions (mm)	585 x 330 x 400	585 x 450 x 455	1180 x 330 x 400	1180 x 330 x 400
Max load (kg)	25	35	40	40
Wash basket dimensions (mm)	540 x 290 x 310	540 x 400 x 360	1110 x 280 x 310	1110 x 280 x 310
Ultrasonic W power nom/peak	1200/2400	1200/2400	1200/2400	2400/4800
Ultrasonic frequency (kHz)	30*)	30*)	30*)	30*)
Heating power W	2000	4000	6000	6000
Voltage V/Hz	400/230/50	400/230/50	400/230/50	400/230/50
Filling valve	R 1/4	R 1/4	R 1/4	R 1/4
Drain valve	R 3/4	R 3/4	R 3/4	R 3/4
Overflow weir valve	R 3/4	R 3/4	R 3/4	R 3/4
Connecting load W	3200	5200	7200	8400

*) 40 kHz also available

For more information contact our sales team or your nearest FinnSonic Distributor



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FinnSonic maintains certified quality program ISO 9001:2015.

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