

Kemet

INDUSTRIAL CLEANING SYSTEMS

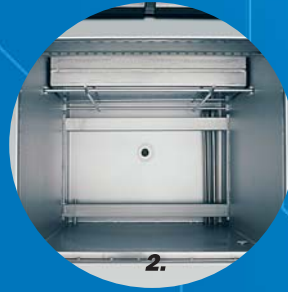
Mould Cleaning Systems for Total Economy



- Short and simple wash process
- No manual labour required
- High level of cleanliness
- No abrasion of precise edges and surfaces
- No solvents used
- Suitable for all moulds, large and small
- User friendly process and machinery

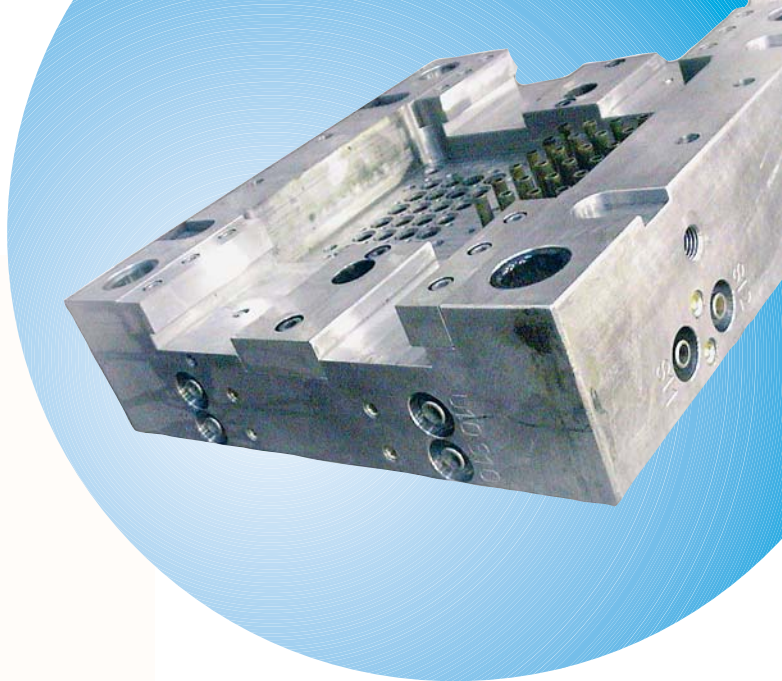
Ultrasonic Cleaning - New Era of Mould Maintenance

Traditional cleaning methods are time consuming, labour intensive and abrasive. By using ultrasonics for mould maintenance, the result is a cleaner mould with reduced manual input and no wear leading to large cost savings.



1. Electric box with integrated ultrasonic generator **2.** Immersible transducer box on tank wall is protected by robust guide bars. Push-pull rim lip ventilation assisted with compressed air (MC-110) **3.** Integrated rim lip ventilation connections behind the tank unit **4.** Float switch for dry run protection. All tanks have low level alarms with heating/ultrasonic protection **5.** Hinged lid **6.** Air gun **7.** Tanks are heat and noise insulated **8.** Wash basket **9.** Internationally recognised, high quality control components **10.** Tanks are built within a rigid Stainless Steel framework **11.** Sight glass with separate drain valve **12.** Stainless drain and water inlet valves at the back of the machine **13.** Air bubble agitation in rinse tank **14.** Dewatering or hot passivation possible with heating option **15.** Profiled overflow weir for optimised surface skimming





Save up to 75 % with Kemet mould cleaning

- Less labour input
- Less time spent on mould maintenance
- Less wear and tear on moulds
- Less quality problems
- More production



Kemet MC-Range for all moulds: large or small.

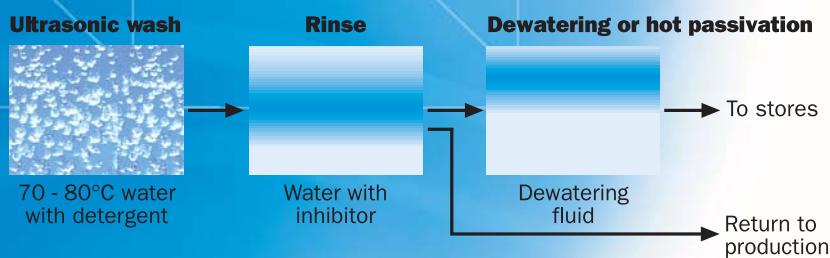


Kemet MC-Range – a complete mould cleaning concept with ergonomic drying & inspection station.



Hundreds of various Kemet applications are being used around the world. We are pleased to place our 25 years experience at your disposal.

Cleaning process



1. Cleaning at 80°C.
2. Rinse with air bubble agitation at 60°C.
3. Preservation with dewatering or hot passivation.



Kemet MCM for complete cleaning

Need for channel flushing and drying?

The new MCM multi purpose station provides an ergonomic and safe way for rinsing, flushing, drying and inspection of moulds. Integrated turn table and encapsulation.

Industry	Application	Contamination
Plastics and rubber	Moulds	Oxides, gases, release agents, rubber and plastic residues, oil, scale
Cold forming	Press tools	Metal debris, grease, oil
Casting foundries	Die cast moulds	Metal debris, oxides, carbon, grease, graphite

Kemet MC-Range of ultrasonic systems for mould cleaning

Standard product range

Model	Ultrasonic power kW	Tank volume l	Operating dimensions (l x w x d) mm
small			
40MC	0.6	40	455 x 265 x 230
80MC	1.2	80	580 x 330 x 340
MC-110	1.2	120	510 x 360 x 430
medium			
MC-170	1.2	200	440 x 650 x 440
MC-230	2.4	330	470 x 740 x 560
MC-360	3.6	430	800 x 600 x 600
MC-550	4.8	550	900 x 500 x 780
large			
MC-950	6.0	1050	1170 x 570 x 1000
MC-1400	8.4	1400	1550 x 550 x 1100
MC-2100	12.0	2100	1550 x 900 x 1100
MC-2900	14.4	2900	1800 x 1000 x 1200

Standard features

- Totally stainless steel construction
- Thermal and noise insulation
- Low level protection
- Thermostat controlled heating
- Drain valve
- Water inlet valve
- Work support grills or bars
- Rim lip ventilation channels
- Protective guide rails
- Immersible transducer boxes

Options

- Extraction fan
- Ex-rated extraction fan
- Work platform
- Rinse tank with or without heating
- Dewatering tank with liquid sight glass
- Standard baskets
- Jigs for mould plates
- Automatic lid
- Ultrasonic rinse
- MCM
- Buffer tanks
- Oil separators



TOTAL SYSTEMS
FOR MOULD POLISHING AND CLEANING
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