

# CELLSONIC MW RANGE



**Caresonic** are recognised as a market leader in the design and manufacture of ultrasonic cleaning equipment for Anilox rollers.

The MW free standing range of machines are at the heart of the **Cellsonic** Range and offered in a variety of specifications to suit the medium web printing market.

Our pioneering print industry systems provide safe and efficient cleaning of ceramic laser engraved Anilox rollers for all screen sizes with each of our models utilising a patented frequency sweep generator.

Our standard range includes single and twin roller machines for cleaning rollers from all areas of printing with various diameters and lengths in a single cleaning cycle. In addition we also have the capacity to **custom build** to specification where required.

All units are available with simple push button or touch screen operation.



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## What is Ultrasonic Cleaning?

Ultrasonic cleaning works by producing millions of jets or streams of cavitation bubbles within a liquid which collapse against any hard surface removing contaminated particles with each implosion. As these cavitation bubbles are smaller than one micron they penetrate into all areas.

## Why choose Caresonic?

With over 25 years' experience, we pride ourselves on being THE experts in ultrasonic cleaning innovation, technology and construction. Our equipment is specifically designed and constructed for safe and superior performance on laser engraved ceramic Anilox rolls offering long life and continuous service to the print roller cleaning industry throughout the world.

## Unique Characteristics

### Generator

The powerful and efficient FMG generator system offers a patented frequency sweep for uniform and intense cavitation.

With its efficient energy transfer, the generator requires no forced air cooling and channels energy directly into the transducers.

### Transducers

The transducers are made of high quality phosphor-bronze/silver construction in order to minimise heat build up, thus extending the life of the transducers and piezo electric crystals.

**Caresonic** ultrasonic cleaning systems offer a safe effective solution to the cleaning requirements of the flexographic printing industry.

**Caresonic** is “the safe choice” for your roller cleaning needs.



Designers and Manufacturers of **Ultrasonic Cleaning Equipment**

# Specifications

Model Number	External Dimensions	Internal Dimensions	Capacity	Ultrasonic Power	Heater Power	Tank Material	Case Material	Weight	Volts	Drain
MW 1 1000	1150(l) x 550(w) x 900(h)mm	1000(l) x 300(w) x 300(d)mm	54L	600 watts	3KW	2mm 316L	1.5mm 304L	300 KG	3 ph	1"
MW 1 1500	1650(l) x 550(w) x 900(h)mm	1500(l) x 300(w) x 300(d)mm	81L	800 watts	3KW	2mm 316L	1.5mm 304L	325KG	3 ph	1"
MW 1 2000	2150(l) x 550(w) x 900(h)mm	2000(l) x 300(w) x 300(d)mm	108L	1000 watts	3KW	2mm 316L	1.5mm 304L	350KG	3 ph	1"
MW 2 1000	1150(l) x 750(w) x 900(h)mm	1000(l) x 500(w) x 300(d)mm	90L	1000 watts	3KW	2mm 316L	1.5mm 304L	325KG	3 ph	1"
MW 2 1500	1650(l) x 750(w) x 900(h)mm	1500(l) x 500(w) x 300(d)mm	135L	1200 watts	6KW	2mm 316L	1.5mm 304L	350KG	3 ph	1"
MW 2 2000	2150(l) x 750(w) x 900(h)mm	2000(l) x 500(w) x 300(d)mm	180L	1800 watts	6KW	2mm 316L	1.5mm 304L	375KG	3 ph	1"

- ❖ Bespoke units and 3 roller also available on request

## Features include:

- ❖ 2mm 316L Stainless Steel Tanks
- ❖ Tandem Transducer Bars
- ❖ Digital Temperature Control
- ❖ Integrated Pump and Filter
- ❖ Full Analogue Frequency Sweep
- ❖ Adjustable Roller Support
- ❖ High Quality Build Specification
- ❖ Patented High Efficiency Ultrasonic Technology



## Optional extras include:

- ❖ Lids
- ❖ Baskets
- ❖ Chemicals
- ❖ Rinse Tanks
- ❖ Touch Screen Display

