

# CELLSONIC WW RANGE



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

The WW free standing range of heavy duty machines are offered in a variety of specifications to suit the wide 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 roller machines for cleaning rollers specifically from heavy duty wide web area of printing suitable for various diameters and lengths upto 3.5m. 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.



For further information please contact:

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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
WW1 2500	2700(l) x 650(w) x 900(h)mm	2500(l) x 400(w) x 400(d)mm	220L	2400 watts	6KW	2mm 316L	1.5mm 304L	500 KG	3 ph	1"
WW 1 3000	320(l) x 650(w) x 900(h)mm	3000(l) x 400(w) x 400(d)mm	264L	2400 watts	9KW	2mm 316L	1.5mm 304L	700KG	3 ph	1"
WW 1 3500	3700(l) x 950(w) x 900(h)mm	3500(l) x 700(w) x 650(d)mm	539L	3600 watts	12KW	2.5mm 316L	1.5mm 304L	900KG	3 ph	2"
WW 2 2500	2700(l) x 750(w) x 900(h)mm	2500(l) x 600(w) x 400(d)mm	330L	3600 watts	9KW	2mm 316L	1.5mm 304L	700KG	3 ph	2"
WW 2 3000	3200(l) x 750(w) x 900(h)mm	3000(l) x 600(w) x 400(d)mm	400L	4800 watts	9KW	2mm 316L	1.5mm 304L	1000 KG	3 ph	2"
WW 2 3500	3700(l) x 1150(w) x 900(h)mm	3500(l) x 900(w) x 600(d)mm	700L	6000 watts	12KW	2.5mm 316L	1.5mm 304L	1500 KG	3 ph	2"

- ❖ Bespoke units and 3 roller units 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

