

ALPHASONICS

ADVANCED ULTRASONIC CLEANING SYSTEMS



PRINT INDUSTRY



Welcome to Alphasonics Limited

One of the world's leading developers
and manufacturers of award-winning
advanced ultrasonic cleaning systems.



Alphasonics was founded in Liverpool, England, in 1993, and since then, we have developed a worldwide reputation for innovation and technical excellence. By greatly assisting our partners in the printing industry in particular, we have been able to deliver a superior quality product to our customers.

At Alphasonics, we know the exacting standards demanded in the printing industry. Quality and consistency means everything and the system you choose needs to be counted on to give reliable results every time. This is why when you buy a cleaning system from Alphasonics, you are getting far more than just cutting-edge technology. Much more.

Our Customer Charter sets out why we are the best in the business. No hype, just pure facts. Everything we say, we do, because we know you will hold us to our promises. That is why I offer you my personal guarantee of an ultrasonic cleaning solution that is second-to-none.

If you would like to know more about what our products and technologies can offer your business, please get in touch. Our highly trained staff will be pleased to answer any queries you may have.

We look forward to being of service.

David Jones
Managing Director



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MADE IN BRITAIN

Customer Charter

Our promises to you

The Product Promise:

- Products are custom-built by our fully trained engineers. We are the best in the business precisely because we hand-pick our staff and train them with one simple philosophy in mind - make YOU the best in your business
- We follow the EU machineries directives to the letter. Certification is provided with every new system for your peace of mind.
- The latest in cutting-edge ultrasonics comes as standard in all our systems. This means you get consistently excellent results first time and every time.
- Because our ultrasonic technology is built to your specific requirements, it gives you the flexibility you need. This means you have equipment that will grow with your business and can adapt to whatever is thrown at it.
- There is no possibility your anilox rolls or any other item could ever be damaged by our ultrasonic equipment: that's our guarantee to you. Try asking that of our competitors.
- We're not a middle-man so there's no outsourcing of production and we put world class quality procedures in place for high build-quality. That's why we are so confident our products will keep going and for many years to come no matter what they are up against.

Our Duty to Support You:

- Going above and beyond is what we're all about. From your initial enquiry, to installation and beyond we'll be on hand to provide what you need, when you want it. Wherever your location, we'll go further to provide what you need.
- We know that equipment such as this can be crucial to the volume and quality of your productive output. This means you should be safe in the knowledge that any system from us is ready to perform to the best of its ability at any time. With our 24 month warranty with every new system you can be sure that an Alphasonics system will give you what you need.
- If for whatever reason you require any repairs or servicing it'll be completed quickly and effectively with minimum fuss. We'll even go further and guarantee the work and the parts with a no questions asked 6 month warranty on repairs and servicing to give you that all important confidence in our equipment.

- Because we manufacture the equipment ourselves, we can work closely with you to provide support throughout the lifetime of your Alphasonics system. The benefit of our expertise means that we'll come along for the ride and help you use the equipment to the best of its ability.

What You Can Expect From Us:

- High quality British manufacturing. We're proud to be part of the industrial make up of the UK and of Liverpool. We think this sets us apart. We're secure in the knowledge that how we do things makes our equipment the best, which in turn means you can be confident of the perfect solution suited to your needs.
- No spin or propaganda. We'll only ever give you cold hard facts to help you make the right choice. We see that as a moral responsibility.
- We have interminable engineering expertise since 1993, which means we won't go missing when you need our support. We've learnt a lot over the years so you'll benefit from what we've done and where we've been.
- We pick from the cream of the crop on a global scale to be part of our worldwide sales and support network. Because they share our philosophy and our values it helps us go the extra mile (or thousand miles) for you.
- Continual research and development projects are in progress to improve what we offer and push boundaries to help drive industry forward. We also engage with key knowledge holders to understand what you and the industry need from us.
- We'll make clear how our products will always outshine the competition and can offer you much more in comparison but we also understand price can be an issue. However, if you need us to match different offerings, we'll also match their price. No matter what, we will always guarantee a unique piece of equipment with the quality carried in the Alphasonics brand.
- We don't just build machines, we build partnerships. We'll provide solutions built around an understanding of the goals of your business because YOU are our focus.

Advanced Ultrasonic Cleaning

Outstanding results

Alphasound and Betasound multi-frequency systems are ideal for any application where delicate parts need cleaning. Both are flexible enough to deliver the absolute best cleaning action, whatever the component, no matter how regularly cleaning is required.

Ultrasonic cleaning works by applying high frequency sound to a vessel of fluid through thousands of flexures per second to the radiating face. This creates millions of vacuum chambers that rise up into the tank before imploding. When they implode near to or against the submerged component, the result is instant and impressive. Contamination is sucked away by the implosion, resulting in cleaning to the very highest level.

It is also a flexible technology. Cleaning action can be gentle or aggressive, depending on the requirements of the component to be cleaned, as well as the ultrasonic frequency used. Our technology has been specifically developed to give the best results when cleaning delicate items, such as high-screen anilox rolls, on a regular basis.

We have now also introduced a special method of distributing the cleaning action of ultrasonics. Active Cavitation speeds up the cleaning process and cleans to a level never seen before in this industry.

Here at Alphasonics, we produce a range of high quality, affordable advanced ultrasonic cleaning systems. We design and manufacture a system to suit your specific needs.

Fig. 1

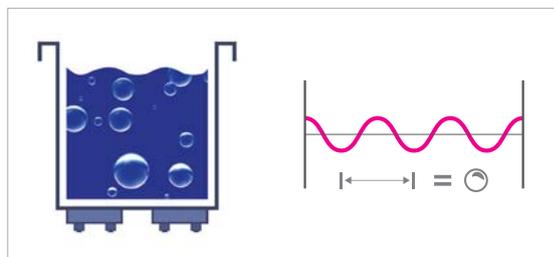
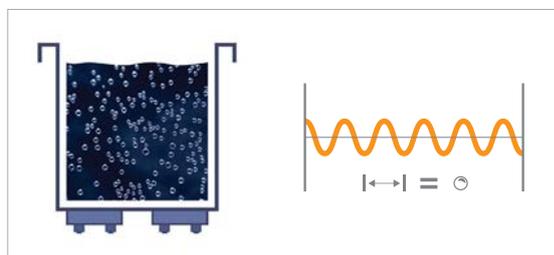


Fig. 2



The representational sketches show how different frequencies produce different vacuum cavities. Low frequencies produce large cavities (fig. 1), whereas high frequencies produce smaller cavities (fig. 2), when the power input remains constant.

The cleaning process and safety is further enhanced by altering the power level or watts per litre between the high and low frequency settings. The factory settings are high frequency / low power and low frequency / high power. The low frequency setting is generally used to get the component clean and the high frequency setting is used to keep the component clean through regular cleaning.

An Alphasonics Solution for every printing process

No matter what printing process your company uses, we can offer the very best cleaning solution.

Flexography

Users of the flexographic printing process often face problems cleaning high screen anilox rolls and digitally-produced plates without damaging them. Alphasonics have developed Alphasound and Betasound technologies which have pioneered the safe and effective regular cleaning of both these delicate components.

As flexo moves forward into the 21st century, it is becoming more apparent that simply 'cleaning' the anilox is no longer enough. Flexography's new paradigm is 'Anilox Control' - ensuring the roll is used in such a way to deliver the very best results through stringent care, maintenance and management. Rendering the roll 100% clean will give the baseline to start this process and will deliver five tangible benefits.

- 1) No over-pigmentation of ink
- 2) Faster and more consistent make ready times
- 3) Greatly reduced waste
- 4) Higher and more consistent print quality
- 5) Easier and accurate anilox inventory management.

All of the above are clear cost saving production based benefits which Alphasonics can help to deliver.

Gravure

Our Alphasound cleaning systems provide an ideal way to keep gravure cylinders in absolutely pristine condition between print runs. Up to 12 cylinders can now be cleaned simultaneously.

Offset

Several major press manufacturers use a Blanket Wash Module as part of the press. This module is extremely difficult to clean by conventional means, and as such can cause print quality issues, meaning subsequent wastage and lost production time. Alphasonics have created a range of innovative machinery to make cleaning quick and easy.

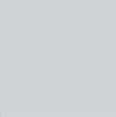
Alphasonics Products

at a glance

The secret of our success lies in our commitment to innovation and technical excellence.

At Alphasonics, our innovation and technical expertise has led to the development of a range of products which can be tailored to suit your cleaning requirements. With a total commitment to state-of-the-art design, safety and complete user-friendliness, we can offer single- or multi-tank systems and special bespoke equipment, all manufactured in-house by us at our Liverpool headquarters.

Alphasound & Betasound systems

Printing process	Off-press Anilox Roll/ Gravure Cylinder cleaning systems	On-press Anilox Roll/ Gravure Cylinder cleaning systems	Non-contact Flexo Plate cleaning systems	Brush-type Flexo Plate cleaning systems	Parts washers for all ink types (AS2000)	Blanket wash module cleaning systems	Water-based parts washing system (AS80)
Gravure							
Flexographic							
Offset							

Off-Press Cleaning Systems

for Anilox Rolls and Gravure Cylinders

Alphasonics offer customers worldwide a choice of quality standard or bespoke cleaning systems.

We can design a system to meet your individual needs, or you can choose from our range of standard units, including our 'cleaning ladies'; Melanie, Mia, Miranda and Megan.

Features	Melanie SOLO	DUO	TRIO	Mia	Miranda	Megan	AlphaPlus
							
Feature	Bench top model	Bench top model	Bench top model	Bench top model	Floor-standing model	Floor-standing model	Floor-standing model
Available tank sizes	600mm, 710mm, 900mm, 1120mm, 1420mm	600mm, 710mm, 900mm, 1120mm, 1420mm	600mm, 710mm, 900mm, 1120mm, 1420mm	430mm to 2300mm in 10mm increments	430mm to 2300mm in 10mm increments	430mm to 2300mm in 10mm increments	430mm to 5000mm
Number of rolls/cylinders capable of cleaning at a time	1, 2, 3, 4, 6	1, 2, 3, 4, 6	1, 2, 3, 4, 6	1, 2, 3, 4, 6	1, 2, 3, 4, 6	1, 2, 3, 4, 6	To suit requirements
Single frequency	✓	✓	✓	✓	✓		✓
Dual frequency	✓	✓	✓	✓		✓	✓
Betasound quad frequency*	Option	Option	Option	Option		Option	Option
Enhanced supersweep generator	✓	✓	✓	✓	✓	✓	✓
Active Cavitation	✓	✓	✓	✓	✓	✓	✓
Dual cycle time					✓	✓	✓
Fallback temperature control					✓	✓	✓
Rotation	✓	✓	✓	✓	✓	✓	✓
Auto pumping					✓	✓	✓
Manually-activated pump cycle		Option	Option	✓	✓	✓	✓
Filtration		Option	Option	✓	✓	✓	✓
Flow detection				✓	✓	✓	✓
Integral rinse tank		✓	✓	✓	✓	✓	✓
Pump only cycle				✓	✓	✓	✓
LCD display	✓	✓	✓	✓	✓	✓	✓
Level detection					✓	✓	✓
Auto roll idle	✓	✓	✓	✓	✓	✓	✓
End cycle alarm	Option	Option	Option	Option	Option	Option	Option
Filter status indicator					✓	✓	✓
Plumbing bulkhead		✓	✓	✓	✓	✓	✓
Height adjustable feet	✓	✓	✓	✓	✓	✓	✓
Inclusive roll supports	✓	✓	✓	✓	✓	✓	✓
Inclusive of lid	✓	✓	✓	✓	✓	✓	✓
Low level cut-out					✓	✓	✓
Hand spray gun		✓	✓	✓	✓	✓	✓

* where more than one generator is required.

Melanie Solo

Anilox or Plate Cleaning System



Introducing the newly expanded Melanie benchtop range from Alphasonics. Available in either single or dual frequency.



Features/Benefits

The Melanie series offers several outstanding features:

- Dedicated budget bench top roll cleaning system
- 5 tank lengths available – 600, 710, 900, 1120 and 1420mm. Longer lengths will accommodate one offset coating or flexible packaging anilox up to 1380mm face and 200mm diameter
- Tank widths 250mm & 350mm
- Includes manual fill and simple drain
- Up to 6 x 16" face rolls or 1 x 40" coating roll
- Closed rotation
- Largest length will accommodate one offset or flexible packaging anilox sleeve
- LCD cycle / diagnostic display
- Available in Single, Dual or Quad frequencies*
- Active Cavitation

Available in either Alphasound or Betasound variants, Melanie is our most affordable bench top cleaning system, yet it can clean one, two, three, four or even six rolls simultaneously. Its comprehensive cleaning ability, which is equivalent to the top of the range, offers you the opportunity to take advantage of market-leading technology at a low cost.



*on systems with more than one generator

Melanie Duo

Anilox or Plate Cleaning System with Rinsing Station

Features/Benefits

- 5 tank lengths available: 600, 710, 900, 1120, 1420mm.
- Tank widths 250 and 350mm.
- Includes mains fill, simple draining and overflow.
- Includes rinse tank, spray wash facility and services management bulkhead.
- Closed rotation.
- LCD cycle / diagnostic display
- Available in Single, Dual or Quad frequencies*
- Active Cavitation



Melanie Trio

Anilox and Plate Cleaning Combination System with Rinsing Station



Features/Benefits

- Dedicated combined anilox and plate cleaning system.
- 5 tank lengths available: 600, 710, 900, 1120, 1420mm.
- Tank widths 250 and 350mm.
- Includes mains fill, simple draining and overflow.
- Includes rinse tank, spray wash facility and services management bulkhead.
- Closed rotation.
- LCD cycle / diagnostic display
- Available in Single, Dual or Quad frequencies*
- Active Cavitation

*on systems with more than one generator

Mia



A highly affordable system with high specification features.



Features/Benefits

- Compact and simple to control
- Tank lengths from 430mm to 2300mm
- Tank standard widths 250mm & 350mm
- Non-standard tank widths available
- Includes rinse tank, spray wash facility and services management bulkhead
- Manually activated pump and filtration system for tank cleanliness and chemical longevity
- Closed rotation
- LCD cycle / diagnostic display
- Available in Single, Dual or Quad frequencies*
- Active Cavitation

An exciting development in bench top roll cleaning equipment, Mia series is a highly affordable system with features normally only found on high specification units.



*on systems with more than one generator

Miranda



Top quality Alphasound technology at an affordable price.



Features/Benefits

- Safe, regular effective cleaning of rolls with screen counts up to 800lpi (315lpc)
- Floor standing type in single frequency only
- Standard format includes lengths from 430mm to 2300mm
- Tank widths 250mm & 350mm
- Non-standard tank widths available
- Automatic pump and filtration cycle for tank cleanliness and chemical longevity
- Closed rotation
- Includes rinse tank, spray wash facility and services management bulkhead
- PLC/Logic control
- LCD cycle / diagnostic display
- Active Cavitation

The Miranda series of floor standing models guarantees top quality Alphasound technology at an affordable price. Manufactured to exacting standards, Miranda can be found in pressrooms around the world.



Megan



Providing superior, safe and consistent cleaning on large format rolls at a highly competitive cost.



Features/Benefits

The Megan series offers an outstanding range of features. Here are just some of them:

- Floor standing model
- Dual frequency, for safe precise cleaning of the highest screen count rolls
- Closed rotation
- Auto pumping and filtration for tank cleanliness and chemical longevity
- Low level lock out
- Temperature fall back
- Includes rinse tank, spray wash facility and services management bulkhead
- Tank lengths from 430mm to 2300mm
- Standard tank widths 250mm & 350mm
- Non-standard widths also available
- PLC/Logic control
- LCD cycle / diagnostic display
- Available in Single, Dual or Quad frequencies*
- Active Cavitation

Alphasonics' Megan series of floor standing models incorporates the very latest technological advantages in Alphasound research. With PLC/Logic control, operators can quickly and easily access a variety of cleaning options. What's more, the system automatically defaults to its most gentle setting at end of cycle.



*on systems with more than one generator

Alphaplus Cleaning Systems



Providing superior, safe cleaning at highly competitive cost.

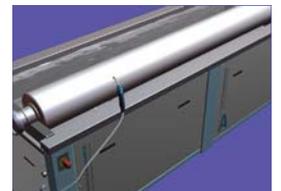
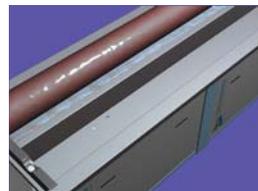


Features/Benefits

- Up to 5 metre roll face width systems available
- Single or Dual Frequency
- Multi- roll capacities available
- Incorporates advanced Alphasound or Betasound logic for programming and control
- Specifically designed to suit individual requirements
- Built to suit heavy aniloxes/cylinders
- LCD cycle / diagnostic display
- Available in Single, Dual or Quad frequencies
- Active Cavitation

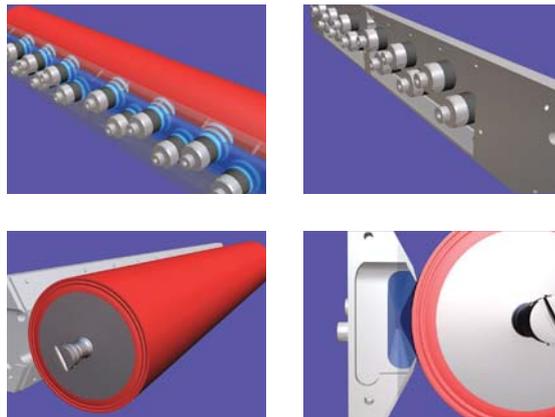
Part of the Alphasonic range of bespoke ultrasonic cleaning systems, Alphaplus large roll systems raise the standards of large end, heavy or specialised anilox roll and gravure cylinder cleaning within the printing industry.

Our Alphaplus machinery provides superior, safe cleaning at a highly competitive cost and can deal effectively with the most difficult roll cleaning tasks in wider web flexo or gravure. Alphaplus is the ideal cleaning system for companies with a wide variety of presses.



Introducing Alphasound On-Press Cleaning Systems for Anilox Rolls and Gravure Cylinders

Chamber- or tray-sited ultrasonics delivers startling results. Currently in development.



Single Frequency Alphasound

By applying Alphasound into a chamber or ink tray between your print run, you benefit from thorough on press cleaning. This is Alphasound on press cleaning in its basic format.

Features/Benefits

- Huge cost savings
- Greatly improves cleaning of anilox cylinder resulting in improved print quality
- Enables reduced make ready time

Dual Frequency Alphasound

Applying high frequency Alphasound into the chamber during the run offers many distinctive advantages:

- Ultrasonic 'tickling' of the cells will greatly reduce the rate of contamination
- Reduction in viscosity of ink allows for improved flow across the web
- Purging of air from ink provides for a stronger colour

What's more, as each of the generators is variable power enabled, control of colour across the web is possible via an interface to a colour monitoring system. This is particularly useful where colour starvation at the ends of the web occurs.

These features give rise to the following benefits:

- Huge cost savings
- Greatly improved print quality
- Longer run between cleaning
- Colour control "on the run"

Plate Cleaning Systems

PCX Series



A compact system offering unmatched cleaning results - worry and effort free.

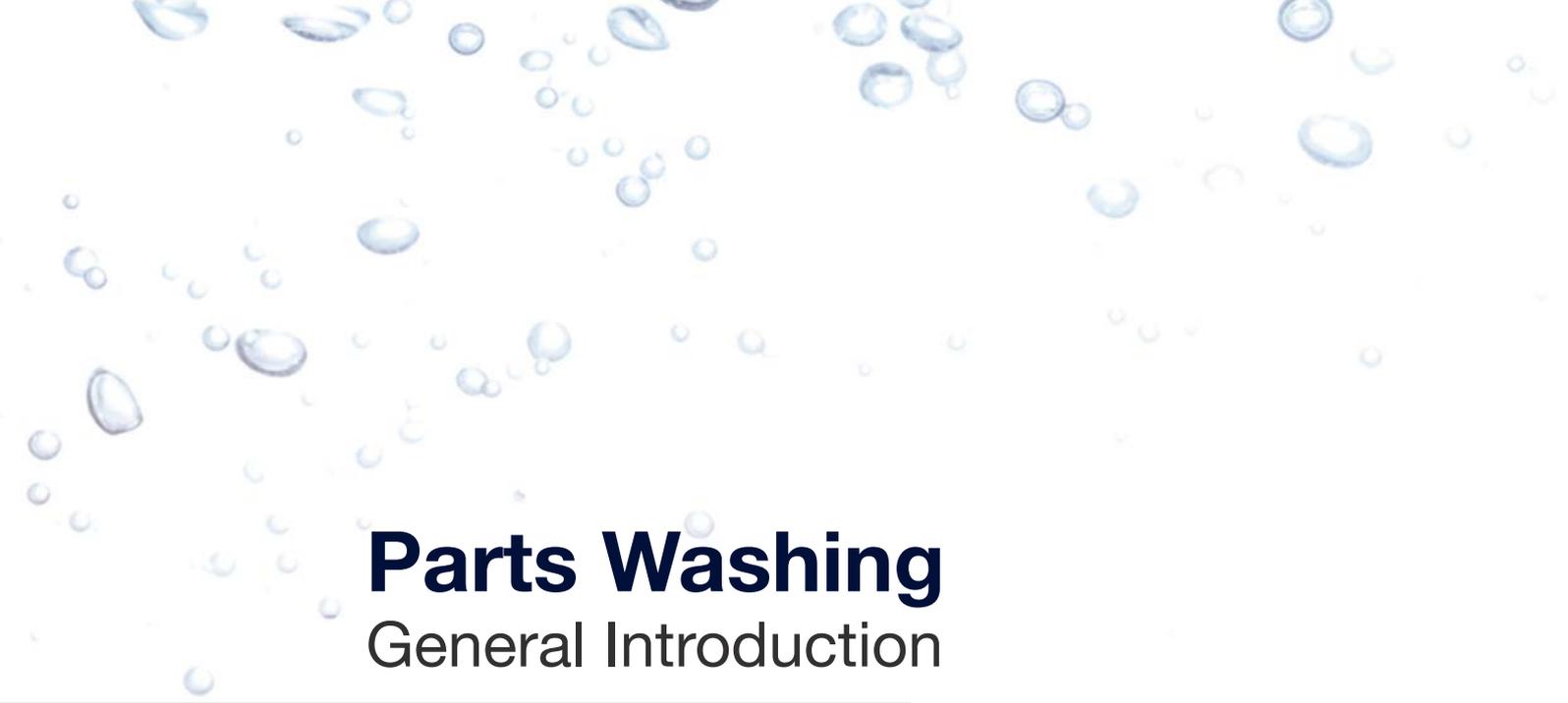


Features/Benefits

- Systems for narrow web through to corrugated
- Available in 450mm, 650mm, 950mm or 1200mm variants
- Plates cleaned to the highest standards in a matter of minutes
- Easy loading and unloading
- Time and labour saving
- Easily adjustable settings
- Rinsing and Drying Systems included
- Closed circuit water recycling and filtration
- Little or no maintenance required
- External water recycling, inlet and outlet conveyor options available

The fully automated brush type plate cleaner from Alphasonics eliminates the problems associated with plate cleaning. With optional conveyor and outlet systems, the PCX series delivers clean and dry plates with minimum fuss.





Parts Washing

General Introduction

An advanced, innovative and award-winning range of parts washing systems for UV and water-based inks.

As environmental legislation continues apace, the flexo printer increasingly needs to stay one step ahead to ensure compliance with the law and the effective management of waste disposal costs.

The good news is that Alphasonics have developed an innovative range of parts washing systems for both UV and water based inks/coatings, one of which includes the process of flocculation.

This process separates the pigment from the wash water following the cleaning cycle. It also works on water wash out photopolymer too. Flocculation works by reversing the polarity of the pigment and rendering the pigments into flocs that simply fall out of suspension. It is a simple process to filter out these flocs, enabling the resulting clear water to be re-used. The flocculated pigment can then be disposed of safely and economically.

Combining a comprehensive cleaning technology and the flocculation process lead Alphasonics to win the Environmental Prize at the 2010 Global Label Industry Awards.

AS2000

Parts Washing System



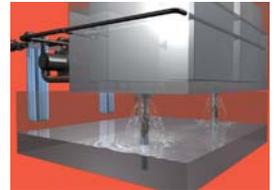
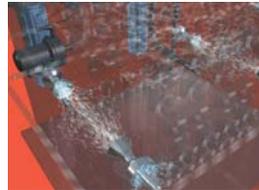
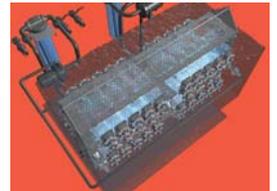
Parts Washing System for UV, water based and solvent based inks.

Designed to cope with most ink types, the AS2000 offers exceptional cleaning in a simple and easy to use configuration.



Features/Benefits

- Powerful Betasound cleaning to every corner of the tray/chamber
- User friendly semi automated process
- Simple loading/unloading - no skill required
- Enables quick changeover from free radical to cationic inks
- Enables faster make ready time
- Greatly reduces running and disposal costs
- Legislation compliant
- PLC/Logic control



AS80

Parts Washing System



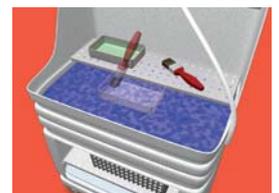
Highly versatile, cost effective and environmentally friendly.

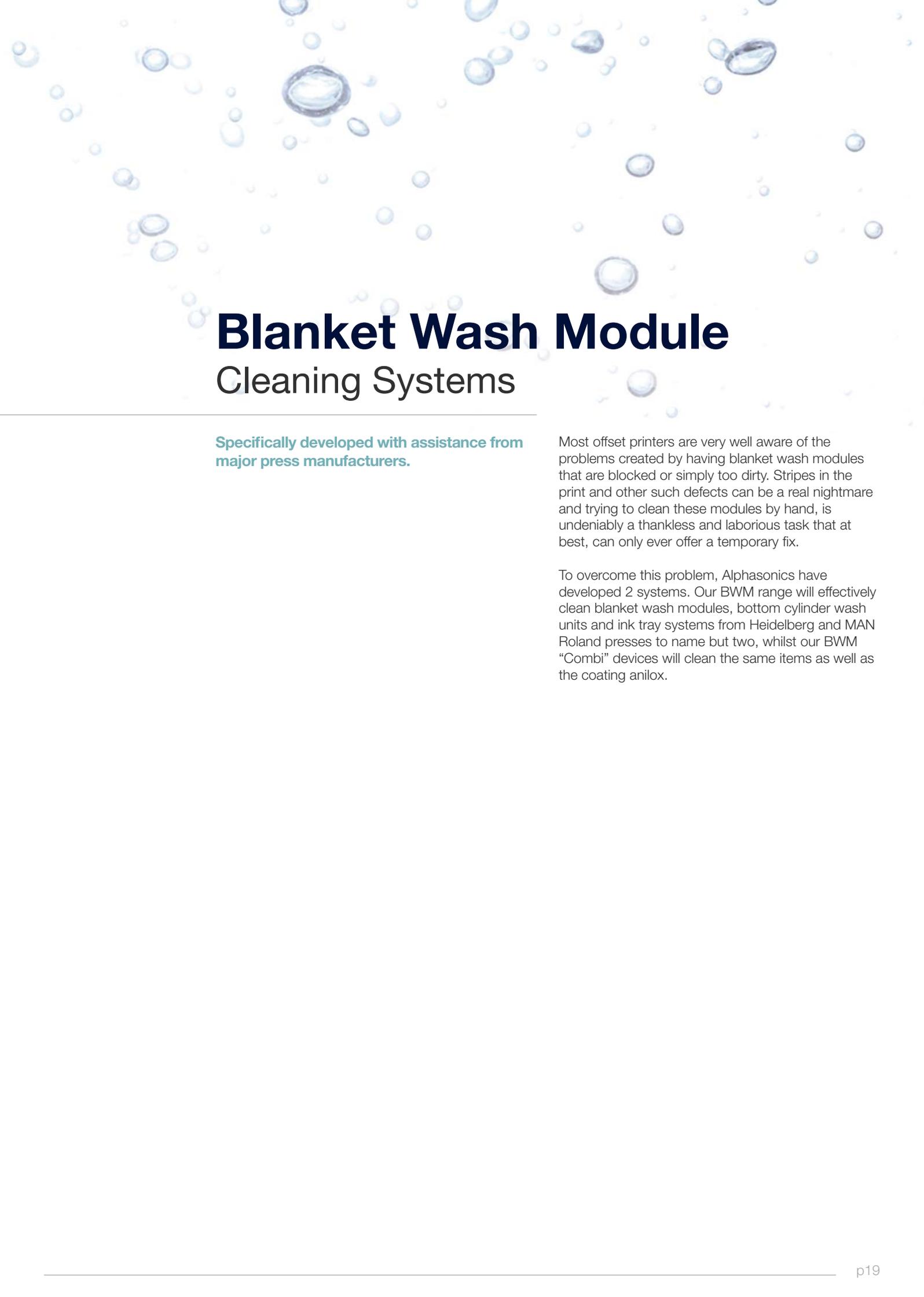


Features/Benefits

- Highly mobile – mounted on wheels
- Very low capital and running costs
- Easy to use
- Closed loop on board water treatment system saves money
- Environmentally friendly
- Greatly reduces water and disposal costs
- Legislation compliant

Highly versatile, cost effective and environmentally friendly, the AS80 is perfect for the manual washing of parts contaminated with water based inks and coatings. The on board flocculation system removes the pigment from the wash water, enabling the water to be re-used and the pigment safely disposed of.





Blanket Wash Module

Cleaning Systems

Specifically developed with assistance from major press manufacturers.

Most offset printers are very well aware of the problems created by having blanket wash modules that are blocked or simply too dirty. Stripes in the print and other such defects can be a real nightmare and trying to clean these modules by hand, is undeniably a thankless and laborious task that at best, can only ever offer a temporary fix.

To overcome this problem, Alphasonics have developed 2 systems. Our BWM range will effectively clean blanket wash modules, bottom cylinder wash units and ink tray systems from Heidelberg and MAN Roland presses to name but two, whilst our BWM "Combi" devices will clean the same items as well as the coating anilox.

BWM Series

Blanket Wash Module Cleaning Units



These systems offer 100% cleaning both inside and out giving the printer an “as new” module.

Alphasonic's BWM series Blanket Wash Module cleaning systems come in three standard lengths – 1300mm, 1500mm and 2000mm and offer the following features and benefits.



Features/Benefits

- 1300mm, 1500mm and 2000mm tank lengths
- Non-standard lengths available
- 100% cleaning to every part of the module, inside and out
- Greatly extends life of the nylon brush
- Inside of spray pipes are thoroughly cleaned
- Water or air rinse/clean off facility enhances cleaning
- Lightly soiled modules cleaned in 15 minutes
- Minimum time and effort needed by operator
- PLC/Logic control



BWM Combi Series

Blanket Wash Module/Coating Anilox Cleaning Devices



A unique piece of equipment that's a must for print shops with presses incorporating ceramic coating rolls and modules.



Features/Benefits

- 1300mm, 1500mm and 2000mm tank lengths
- Non-standard lengths available
- 100% cleaning to every part of the module, inside and out
- Greatly extends life of the nylon brush
- Inside of spray pipes are thoroughly cleaned
- Water or air rinse/clean off facility enhances cleaning
- Lightly soiled modules cleaned in 15 minutes
- Minimum effort needed by operator
- Anilox coating roll cleaned with the power and safety of Alphasound
- PLC/Logic control
- Active Cavitation

Alphasonic's BWM "Combi" series Blanket Wash Module/Anilox cleaning systems come in three standard lengths – 1300mm, 1500mm and 2000mm. This unique 3 tank system enables the blanket wash module to be cleaned at the same time as the coating anilox and offers the following features and benefits.



Testimonials

Press Manufacturers:

“Anilox rolls are a fundamental part of flexographic printing. Keeping them clean is imperative to top quality flexo print jobs. Edale would recommend an Alphasonics cleaning unit to all our customers in order to efficiently keep anilox rolls in top condition.”

James Boughton, Edale (UK)

“Alphasonics and Heidelberg UK have worked closely together on the development of an ultrasonic cleaning system. This system effectively cleans ink contaminated blanket wash modules, bottom cylinder units, ink trays and other parts and equipment. During development, Heidelberg UK invited Alphasonics to demonstrate the system at our open house at Tamworth, cleaning many modules for several of our customers here in the UK. The results were exceptional.”

Steve Cavey, Marketing Manager: Sheetfed 50 x 70 & 70 x 100, Heidelberg (UK)

“Whether UV or water based inks, cleaning the anilox with the Alphasonics anilox cleaner has become an important and successful element in our entire showroom activity. The unit works very reliably, it is operator-friendly and the cleaning result is just perfect. The system has also been used as an after-sales-service instrument for our customers. Customers come here with their anilox rolls and get them cleaned - an Alphasonics cleaner thus is an absolute must.”

**Tom Cavalco, European Sales Director,
Mark Andy**

“Owning high quality printing machines and using dirty aniloxes does not equate well with good return on investment. Therefore we recommend Alphasonics power cleaners to our customers.”

**Jakob Landberg, Sales & Marketing Director,
Nilpeter A/S (Denmark)**

“Keeping the anilox as clean as possible is essential for high quality flexo printing. We have been using an Alphasound system for several years for the cleaning anilox sleeves within Soma GLOBE technology center. We have found this device very effective and capable of delivering very clean anilox sleeves. We believe that the use of such a system provides great benefit to our customers”.

Martin Shejbal, Technologic Centre Manager & Application Specialist, Soma Engineering

Anilox Roll Manufacturers:

“Anilox suppliers are regularly asked by converters to recommend the most efficient cleaning method, which does not cause damage at the same time even to finest cell walls. We believe that Alphasound DF represents one of the best and most versatile anilox cleaning methods, with the scope to develop along with future anilox technology.”

Inometa: Korhan Koese

Roll Cleaning (anilox rolls /gravure cylinders):

“After evaluating several methods, Chesapeake have chosen Alphasonics Dual Frequency Alphasound across a number of sites. Careful management of our anilox inventory using Alphasonics means that we are confident that our rollers give the optimum result. The Alphasonics team are one with a global outlook. They listen and respond to our requirements, tailoring solutions bespoke to each sites’ needs.”

Marcus Reid, Site Director, Essentra Packaging

“We have found the cleaning of cylinders is much more effective by using the Alphasound system. Cleaning time is only half the time of manual cleaning. By cleaning with the system we save a lot of money by not having to de-chrome and re-chrome cylinders that are only dirty.”

**Frank Neumann, Amcor Flexibles Europe,
Helio-Folien**



“Managers and Directors are encouraged to spend huge sums of money on expensive equipment with new levels of automation to improve competitiveness and profitability. Often overlooked can be the less interesting, yet equally important parts of the process. Maintaining anilox cell volume as part of standardising print will ensure that your printing system is predictable, right first time day in day out. This can have a substantial impact on quality, waste reduction and efficiency. With modern anilox rolls yielding over 2 million cells per sq inch, maintaining volume whilst at the same time caring for the roll has never been more important.

I purchased my first Alphasonic system in 1994 and have never been disappointed. My latest system installed earlier this year has improved further with new levels of control for the finest of anilox rolls.”

Paul Larkin, Technical Director, Multi Labels

“As a technical association, the DFTA gets many offers of equipment from suppliers for our own use and evaluation. This was the case with Alphasonics in 2010. In the time since then we have used this machine regularly to clean our F&K sleeves and coating aniloxes from our Heidelberg when we carry out technical trials for our clients. We have found the system from Alphasonics safe and very effective in delivering 100% clean sleeves and rolls, which is vital for the work we do”

Dr. Martin Dreher, DFTA-TZ

Blanket wash module cleaning:

“Since the installation of the Alphasonics system the cleaning of the blanket wash units has been greatly enhanced. As we have 32 units, the system is used on a daily basis and saves on the old manual scrubbing and cleaning of the units.”

Mike Day, Eclipse Colour Print

Quality Control

“We’ve seen Alphasonics systems in countless print houses and know the company well. Through analysis of huge numbers of aniloxes where different cleaning methods are used, we can say that Alphasonics are fulfilling their statements and are a safe and highly effective method of anilox cleaning.”

Phil Hall, Managing Director, Troika Systems



ALPHASONICS
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