

CONSISTENT SURFACE TREATMENT WHATEVER YOUR SUBSTRATE

COATING - CONVERTING - EXTRUSION - GENERATORS - IPLASMA - NARROW WEB

WELCOME

Corona treatment began with Vetaphone, and it remains our sole focus today. For decades, we have refined the science behind optimal surface treatment, delivering process stability, reduced downtime and consistent adhesion across your line.

Continual investment in R&D means you benefit from technology that adapts as fast as the industries you work in. With global service and support always within reach, you have the confidence that your surface treatment will perform reliably, wherever your business takes you.

We may not be the most eye-catching part of your line, but we're the reason your ink, coating or laminate sticks! Rely on us to keep your machines running, your quality consistent and your business competitive.

We look forward to working with you.



Michael Behrens
CEO



60+ AGENTS
GLOBALLY



3 GLOBAL OFFICES
DK, TH, US

1951

INVENTORS OF
CORONA TREATMENT



PATENTED ELECTRODE
TECHNOLOGY

TYPICAL USAGE

- ⚡ Digital, Flexo, Offset, Rotogravure & Inkjet Printing
- ⚡ Lamination
- ⚡ Blown & Cast Film Extrusion
- ⚡ Coating
- ⚡ Plasma

STANDARD FEATURES ACROSS THE RANGE

(no hidden costs or add-ons)

- ⚡ **Durability built-in** with patented protection and futureproofed design.
- ⚡ **HD Precision power** to deliver optimal treatment across a wide range of materials, on every run.
- ⚡ **Quick change** pull out cartridges for easy maintenance.
- ⚡ **Operator friendly features** minimising downtime without relying on 'expert' operation.
- ⚡ **Mechanical reliability** and robust build for continuous production.
- ⚡ **360° mounting flexibility** to adapt to your line layout.
- ⚡ **Modular designs** for quick and easy servicing.

A-MODEL

CORONA TREATERS FOR NARROW WEB APPLICATIONS

Available single or double sided

STANDARD FEATURES:

- Quick change cartridge
- Tool free maintenance
- Up to 8 high power ceramic electrodes
- High humidity resistance
- Integrated sensor and air flow switch
- Built in guide rollers



Image: VE1A-M



QUICK CHANGE
ELECTRODE
CASSETTE



CONSISTENT HD
PRECISION POWER



COMPACT PRESS
INTEGRATION



OPTIMAL
ADHESION

The A-Model is designed for narrow web applications, with treatment stations covering widths from 292-1,100 mm. Engineered for demanding print environments, these corona systems support higher press speeds, reduced material waste, and substrates that leave the press ready for reliable downstream performance.

SPECIFICATIONS

WIDTHS	292-1,100mm / 11.5-43.3inches
LINE SPEEDS	1-300 m/min
MAX LINE TENSION	500 N/m
SIDES FOR TREATMENT	1-2
ELECTRODES	Ceramic 2-8 pcs
ROLLER COVERING	Stainless steel
ROLLER DIAMETER	Ø98 mm / Ø3.85 inches
MOUNTING	Cantilevered or base mounting

*VE1A-M + VE2A-M 820 + 920 ARE ONLY AVAILABLE WITH 2, 4, OR 6 CERAMIC ELECTRODES.
VE1A-L + VE2A-L HAS SAME SPECS AS M VERSION BUT DOES NOT COME WITH GUIDE ROLLERS.

ROLLER / ELECTRODE COMBINATION

ROLLER TYPE	AVAILABLE ELECTRODE TYPE		
ALUMINIUM	CERAMIC	METAL PROFILE	SEGMENTED
STAINLESS STEEL	CERAMIC	METAL PROFILE	SEGMENTED
SILICONE SLEEVE	CERAMIC	METAL PROFILE	SEGMENTED
VULCANIZED SILICONE	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (BLACK)	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (WHITE)	CERAMIC	METAL PROFILE	SEGMENTED

TYPICAL APPLICATIONS

LABELS FOR FOOD & BEVERAGE PRODUCTS
RFID TAGS & TICKETS
FLEXIBLE PACKAGING
SHRINK SLEEVES & WRAP AROUND LABELS
POUCHES & BAGS FOR FOOD PRODUCTS
PROTECTION & TECHNICAL FILMS
LAMINATED FILM FOR PROTECTION & DECORATIVE PURPOSES
LABELS FOR BEAUTY & PERSONAL CARE PRODUCTS
PHARMACEUTICAL PACKAGING
IF YOUR SPECIFIC APPLICATION IS NOT LISTED, PLEASE GET IN TOUCH

SCAN FOR FULL NARROW
WEB BROCHURE



SCAN ME

C-MODEL

WIDE WEB CORONA TREATERS FOR CONVERTING APPLICATIONS

Available single or double sided

STANDARD FEATURES:

- Quick change cartridge
- Modular electrode cartridges
- Plug and play installation
- 360° mounting



Image: VE1C-A



HIGH SPEED
PERFORMANCE



UNIFORM SURFACE
TREATMENT



EASY OPERATOR
ACCESS



RELIABLE LONG-LIFE
DESIGN

The C-Model is typically used in wide web converting applications with treatment stations engineered for wider web widths and higher production demands. The C-Model gives converters the confidence to run at speed, reduce material waste and ensure every substrate leaves the line fully prepared for reliable downstream processing.

SPECIFICATIONS

WIDTHS	1,000 - 3,000 mm / 39-118 inches
SPEEDS	1-1600 m/min / 1-5000 f/min
MAX LINE TENSION	400 N/m
SIDES FOR TREATMENT	1 or 2
ELECTRODES	Ceramic, Aluminium or Stainless Steel
ROLLER COVERING	Ceramic, Silicone or Aluminium
ROLLER DIAMETER	ø200 mm / ø8 inches

*400N/M AS STANDARD, HIGHER LINE TENSION AVAILABLE ON REQUEST

ROLLER / ELECTRODE COMBINATION

ROLLER TYPE	AVAILABLE ELECTRODE TYPE		
ALUMINIUM	CERAMIC	METAL PROFILE	SEGMENTED
STAINLESS STEEL	CERAMIC	METAL PROFILE	SEGMENTED
SILICONE SLEEVE	CERAMIC	METAL PROFILE	SEGMENTED
VULCANIZED SILICONE	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (BLACK)	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (WHITE)	CERAMIC	METAL PROFILE	SEGMENTED

TYPICAL APPLICATIONS

LABELS FOR FOOD & BEVERAGE PRODUCTS
RFID TAGS & TICKETS
FLEXIBLE PACKAGING - POUCHES & BAGS FOR FOOD PRODUCTS
SHRINK SLEEVES & WRAP AROUND LABELS
PROTECTION & TECHNICAL FILMS
LAMINATED FILM FOR PROTECTION & DECORATIVE PURPOSES
LABELS FOR BEAUTY & PERSONAL CARE PRODUCTS
PHARMACEUTICAL PACKAGING
IF YOUR SPECIFIC APPLICATION IS NOT LISTED, PLEASE GET IN TOUCH

SCAN FOR FULL CONVERTING
BROCHURE



SCAN ME

C-MODEL

WIDE WEB CORONA TREATERS FOR EXTRUSION LINES

STANDARD FEATURES:

- Quick change cartridge
- Modular electrode cartridges
- Plug and play installation
- Stainless steel segments
- 360° mounting



Image: VE2C

The C-Model is engineered for wide web extrusion lines, with treatment stations designed to handle web widths up to 3,000 mm. Built for demanding extrusion environments, these systems give operators the confidence to maintain high output, control material waste, and produce films that are ready for consistent bonding further down the line.

SPECIFICATIONS

WIDTHS	1,000-3,000 mm / 39-118 inches
SPEEDS	1-800 m/min / 1-2,600 f/min
SIDES FOR TREATMENT	1, 2 or 4
ELECTRODES	Aluminium or Stainless Steel
ROLLER COVERING	Silicone, Vulcanized Rubber or Ceramic
ROLLER DIAMETER	ø200 mm / ø8 inches

ROLLER / ELECTRODE COMBINATION

ROLLER TYPE	AVAILABLE ELECTRODE TYPE		
ALUMINIUM	CERAMIC	METAL PROFILE	SEGMENTED
STAINLESS STEEL	CERAMIC	METAL PROFILE	SEGMENTED
SILICONE SLEEVE	CERAMIC	METAL PROFILE	SEGMENTED
VULCANIZED SILICONE	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (BLACK)	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (WHITE)	CERAMIC	METAL PROFILE	SEGMENTED

TYPICAL APPLICATIONS

POUCHES & BAGS FOR FOOD PRODUCTS
MEDICAL PACKAGING
MULTI-LAYER FILMS
SHRINK SLEEVES & WRAP AROUND LABELS
COATED AND UNCOATED
PAPER
IF YOUR SPECIFIC APPLICATION IS NOT LISTED, PLEASE GET IN TOUCH



HIGH-POWER
TREATMENT
CAPACITY



STABLE WIDE-WEB
CONTROL



ROBUST STAINLESS
STEEL ELECTRODES



CONTINUOUS
PRODUCTION
RELIABILITY

SCAN FOR FULL EXTRUSION
BROCHURE



SCAN ME

D-MODEL

WIDE WEB CORONA TREATERS FOR CONVERTING AND EXTRUSION APPLICATIONS

STANDARD FEATURES:

- Quick change cartridge
- Modular electrode cartridges
- Plug and play installation
- 360° mounting



Image: VE1D

SPECIFICATIONS

WIDTHS	1.000-3.000 mm / 40-118 inches
LINE SPEED	1-800 m/min / 1-2.600 f/min
MAX LINE TENSION	400 N/m
SIDES FOR TREATMENT	1 or 2
ELECTRODES	Ceramic, Aluminium or Stainless Steel
ROLLER COVERING	Silicone, Vulcanized Rubber or Ceramic
ROLLER DIAMETER	ø200 mm / ø8 inches

*400N/M AS STANDARD, HIGHER LINE TENSIONS AVAILABLE ON REQUEST.

VERSION D WITH TWO ELECTRODE HOODS

ROLLER / ELECTRODE COMBINATION

ROLLER TYPE	AVAILABLE ELECTRODE TYPE		
ALUMINIUM	CERAMIC	METAL PROFILE	SEGMENTED
STAINLESS STEEL	CERAMIC	METAL PROFILE	SEGMENTED
SILICONE SLEEVE	CERAMIC	METAL PROFILE	SEGMENTED
VULCANIZED SILICONE	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (BLACK)	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (WHITE)	CERAMIC	METAL PROFILE	SEGMENTED

TYPICAL APPLICATIONS

POUCHES & BAGS FOR FOOD PRODUCTS
MEDICAL FILM
WRAPPING & SHIPPING MATERIALS
PROTECTIVE FILM
IF YOUR SPECIFIC APPLICATION IS NOT LISTED, PLEASE GET IN TOUCH

SCAN FOR FULL EXTRUSION
BROCHURE



SCAN ME



UNIFORM SURFACE
TREATMENT



EASY OPERATOR
ACCESS



STABLE WIDE-WEB
CONTROL



CONTINUOUS
PRODUCTION
RELIABILITY

E-MODEL

CORONA TREATERS FOR WIDE WEB COATING APPLICATIONS

STANDARD FEATURES:

- Quick Change cartridge
- Modular electrode cartridges
- Tool free maintenance
- Safety switches



Image: VE1E

The E-Model is designed for wide web coating applications, with treatment stations engineered to support uniform coating laydown across the full web width. Built for precision and stability, these systems help coaters maintain process stability, avoid coating defects, and achieve repeatable adhesion across the entire web.

SPECIFICATIONS

WIDTHS	1,000 - 3,700mm / 40-118 inches
SPEEDS	1-1,600 m/min / 1-5000 f/min
SIDES FOR TREATMENT	1 or 2
ELECTRODES	Ceramic, Aluminium or Stainless Steel
ROLLER COVERING	Silicone, Vulcanized Rubber or Ceramic
ROLLER DIAMETER	ø318mm / Ø12.5 inches

ROLLER / ELECTRODE COMBINATION

ROLLER TYPE	AVAILABLE ELECTRODE TYPE		
ALUMINIUM	CERAMIC	METAL PROFILE	SEGMENTED
STAINLESS STEEL	CERAMIC	METAL PROFILE	SEGMENTED
SILICONE SLEEVE	CERAMIC	METAL PROFILE	SEGMENTED
VULCANIZED SILICONE	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (BLACK)	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (WHITE)	CERAMIC	METAL PROFILE	SEGMENTED

TYPICAL APPLICATIONS

CARTONS FOR COLD AND HOT FLUIDS

FOOD PACKAGING

NON-FOOD PACKAGING

IF YOUR SPECIFIC APPLICATION IS NOT LISTED, PLEASE GET IN TOUCH



QUICK CHANGE
ELECTRODE
CASSETTE



CONTINUOUS
PRODUCTION
RELIABILITY



UNIFORM SURFACE
TREATMENT



TOOL FREE
MAINTENANCE

F-MODEL

CORONA TREATERS FOR WIDE WEB COATING APPLICATIONS

STANDARD FEATURES:

- Plasma ready
- Quick Change cartridge
- Modular electrode cartridges
- Tool free maintenance
- Safety switches incorporated



Image: VE1F

The F-Model is designed for wide web coating applications, with treatment stations engineered for stable, uniform surface activation across the full web width. Built for high-output coating lines, these corona systems enable efficient production, reduced rework, and surfaces that meet coating performance requirements first time.

SPECIFICATIONS

WIDTHS	1,000 - 3,700mm / 40-118 inches
SPEEDS	1-1,600 m/min / 1-5,000 f/min
SIDES FOR TREATMENT	1 or 2
ELECTRODES	Ceramic, Aluminium or Stainless Steel
ROLLER COVERING	Silicone, Vulcanized Rubber or Ceramic
ROLLER DIAMETER	ø500mm / Ø19.7 inches

ROLLER / ELECTRODE COMBINATION

ROLLER TYPE	AVAILABLE ELECTRODE TYPE		
ALUMINIUM	CERAMIC	METAL PROFILE	SEGMENTED
STAINLESS STEEL	CERAMIC	METAL PROFILE	SEGMENTED
SILICONE SLEEVE	CERAMIC	METAL PROFILE	SEGMENTED
VULCANIZED SILICONE	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (BLACK)	CERAMIC	METAL PROFILE	SEGMENTED
CERAMIC COATING (WHITE)	CERAMIC	METAL PROFILE	SEGMENTED

TYPICAL APPLICATIONS

PAPERBOARD
ALUMINIUM FOILS
FLEXIBLE PACKAGING - POUCHES & BAGS FOR FOOD PRODUCTS
BAGS FOR LIQUID
PHARMACEUTICAL PACKAGING
IF YOUR SPECIFIC APPLICATION IS NOT LISTED, PLEASE GET IN TOUCH



PLASMA
READY



EASY OPERATOR
ACCESS



TOOL FREE
MAINTENANCE



UNIFORM SURFACE
TREATMENT

iCORONA GENERATORS

Space on the factory floor is always tight. The iCorona generator series is compact and designed to fit anywhere - even in crowded production areas. So no matter your setup, you'll have room for smarter surface treatment.



iCorona-5 UL generator

Complete Series

Our series of intelligent iCorona generators offer outputs from 1 - 80kW, with unlimited power capacity on request. UL listed version available



At the heart of every surface treatment solution lies the powerful iCorona generator, offering a range of fully computerised power sources that combine high efficiency with minimal energy loss.

FEATURES

Modular build
Small footprint
The iCC8 LCD touch screen provides automatic and intelligent control of variables including substrate matching, production trend screen and proportional control
Multiple communication interface options
Available as a cabinet or standalone module for OEM integration (iPM module)
Automatic power density - guarantees the same power is applied per sq/m of material at any speed within its capacity
The trend screen collects production data, including power data (Watt), or density data (W·min/m ²), and has the facility to recall historical data
One cabinet design
One mains connection
Optional air cooling

SCAN FOR GENERATORS
BROCHURE



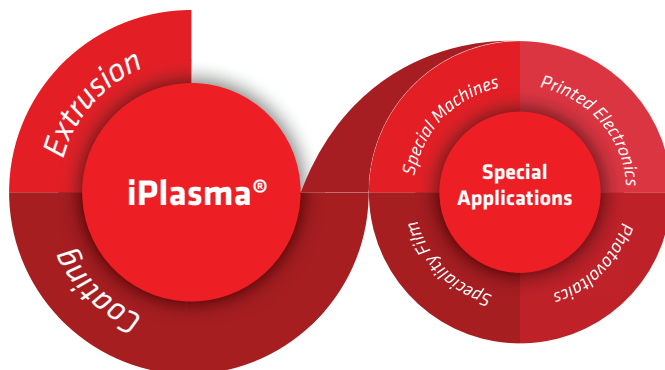
SCAN ME

iPLASMA

Capable of being integrated in any roll to roll machine, iPlasma is compatible with flexo (CI and inline), rotogravure, digital and hybrid printing lines using water-based or UV inks and lacquers, and laminating lines.



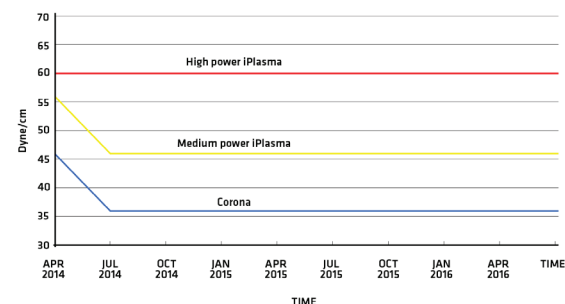
> IPLASMA APPLICATIONS



Whether you're considering full-scale production or a lab-sized testing system, iPlasma offers you complete control of the process and the ability to create a variety of different surface conditions that can be integrated with any roll to roll machine.

> FOR EXTRUSION

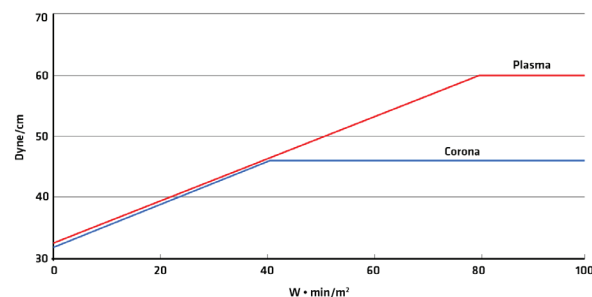
Extended shelf-life for substrates has long been demanded in the industry. Typically, it is recommended that materials are processed within six months of purchase. However, this creates additional expense because of logistical demands of internal handling, and the risk of having to scrap a large volume of substrate. *iPlasma overcomes this problem, because materials can be treated to a high and lasting dyne level that is guaranteed for 12, 18, or 24 months.*



> FOR UV & WATER BASED LAMINATION

Solvent based adhesives have been commonly used in lamination for many years. Where solvent based lamination typically needs lower surface energy, and benefits from Oxygen-based chemistry, UV and water-based lamination have different demands; they need a higher surface tension and a different surface chemistry. The solution has always been chemical - either priming the material or changing the chemistry in the adhesive so it could adhere to the material.

By changing molecules on the surface to nitrogen-based instead of oxygen-based, a higher dyne level and strong adhesion is achieved. Polypropylene substrates are typically considered difficult materials to treat - but, as shown (below), 60 dyn/cm can be achieved on raw untreated BOPP, a widely-used product that cannot be laminated with water or UV based adhesives, if purchased without primer. *iPlasma is the most cost effective solution for UV and water-based lamination. Tuning the exact chemistry to the specific application completely removes the need for primer and removes the issues of films losing transparency or becoming mid-coloured because of the primer.*



SCAN FOR iPLASMA BROCHURE



SCAN ME



WORLDWIDE SERVICE & SUPPORT

With many plants operating 24/7, we understand that production doesn't stop - and neither do we. Wherever you are in the world, you're never far from a factory trained technician, to get you back up and running quickly.

Built to the highest standards and engineered to fit your exact application, every Vetaphone system is made for reliable performance. If support is needed - we act fast, often starting with remote diagnostics and troubleshooting - backed by factory-trained technicians around the world.

Spare parts are held in Denmark (Europe), Thailand (Bangkok) and Texas (USA) - plus strategic locations globally, so parts reach you quickly - often next day.

Any amount of down time is costly, we help you to minimise it.



CONTACT & SUPPORT NETWORK



SCAN FOR SUPPORT & AFTERCARE



SCAN ME

SUPPORT HOTLINE

NORTH & SOUTH AMERICA

support-us@vetaphone.com

(312) 803-3691

Monday-Sunday 07:00-20:00

(Time zone: CDT)

EUROPE & AFRICA

support@vetaphone.com

+45 76 300 335

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(Time zone: CET +4)

REMOTE DIAGNOSTICS, UPDATES & FIXES

Remote diagnostics, software updates and online assistance for all Vetaphone equipment, wherever your location

SHOWROOM AND TEST LAB



THINK ALL SURFACE TREATMENT IS THE SAME? THINK AGAIN!

We understand that you want to enhance your product's performance and reliability. To achieve flawless finishes, you need reliable adhesion, but without proper surface treatment, strong bonds are hard to guarantee.

Booking a showroom demo enables you to:

- ⚡ Demonstrate the capabilities and ease of use of equipment
- ⚡ See the latest surface treatment technology in action
- ⚡ Take a risk-free approach before purchasing new equipment



At our Test Lab, we don't just tell you how to fix niggling issues – *we show you.*

- ⚡ Test your own materials with our corona and plasma treatment solutions
- ⚡ Real time improvement in ink adhesion, print durability and surface performance
- ⚡ Our team will tailor a demo and lab testing- specific to your needs

Email sales@vetaphone.com to book your **FREE showroom demo or material test.**

BOOK OUR SHOWROOM
& TEST LAB



SCAN ME

Test before committing to full scale commercial production.



SATISFIED CUSTOMERS



We use mostly filmic and metallic substrates with hologram effects, so need to be sure of good ink and varnish adhesion – that's exactly what we get with Vetaphone corona treatment.

LABELS ON DEMAND



We have very strict and demanding specifications that have been successfully achieved during our comprehensive tests. We are more than pleased to welcome on board the talented group of professionals from Vetaphone, with the latest state of the art technology products.

COMEXI



We knew exactly what we needed – Vetaphone listened and responded in the same way that we do with our customers – and, they were the only manufacturer to offer a performance and dyne level guarantee on the material we use. That shows real confidence in your product.

SPECIALTY PRINTING



Our previous presses were fitted with a brand of treater that was not 100% reliable, especially in the humid conditions we experience here in the summer months. They were also difficult for the operator to access for cleaning, maintenance, and adjustment.

LMI PACKAGING



Vetaphone are a key OEM supplier to AB Graphic, in the time that we have worked together their Corona treatment systems have been of a consistently high standard of quality. They have assisted us with good sales support, engineer training and technical back up providing an all-around service that surpasses our expectations. I am happy to say that to date Vetaphone has been one of our best suppliers and I look forward to a long and beneficial relationship

AB GRAPHIC



From our investigations it quickly became obvious that Vetaphone sets the standard in the corona treatment market. Our requirement was for a system that could handle a variety of work and their response to our enquiries and specific requirements was first class. Most of all, we feel that Vetaphone technology is the best value for money on the market

TECH FOLIEN



HD PRECISION CORONA

HD Precision delivers maximum performance through the perfect pairing of our roller and electrode combinations. Powered by our unique resonance generator technology and precisely controlled by our integrated monitoring systems, we ensure optimal surface treatment every time -whatever your substrate!



WHAT DOES THIS MEAN FOR YOU?

- ⚡ No pin holing or streaks
- ⚡ No film wrinkling
- ⚡ No backside treatment
- ⚡ Resistant to contamination from inks, coating or adhesives
- ⚡ Consistent coverage at high speeds, without sacrificing performance
- ⚡ No roll cover burnout or overheating
- ⚡ Uniform treatment delivers flawless results

Unlike non-resonance systems, our technology maintains a broader wetting envelope, providing consistent performance tailored to your application – whatever roller or electrode combination you need!



**CONSISTENT TREATMENT
AT ANY SPEED**



**INDUSTRY LEADING
EXPERTISE**



**CUSTOM SOLUTION FOR YOUR
SPECIFIC APPLICATION**

IN THE WORLD OF CORONA TREATMENT, SOME COMPANIES PRESENT 'HD' TECHNOLOGY AS A BREAKTHROUGH. IN REALITY, IT'S THE STANDARD WE'VE BEEN DELIVERING ALL ALONG – AFTER ALL, WE INVENTED IT!

Advanced Corona Treatment by

VETAPHONE

*Inventor. Innovator. Pioneer.
The Only Choice.*

BOOK OUR VIRTUAL SHOWROOM &
TEST LAB FOR YOUR BUSINESS



SCAN ME

www.vetaphone.com

VETAPHONE
Corona & Plasma

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