



ARSHAD
ELECTRONICS PVT. LTD.

Solutions for Better Printing and Packaging

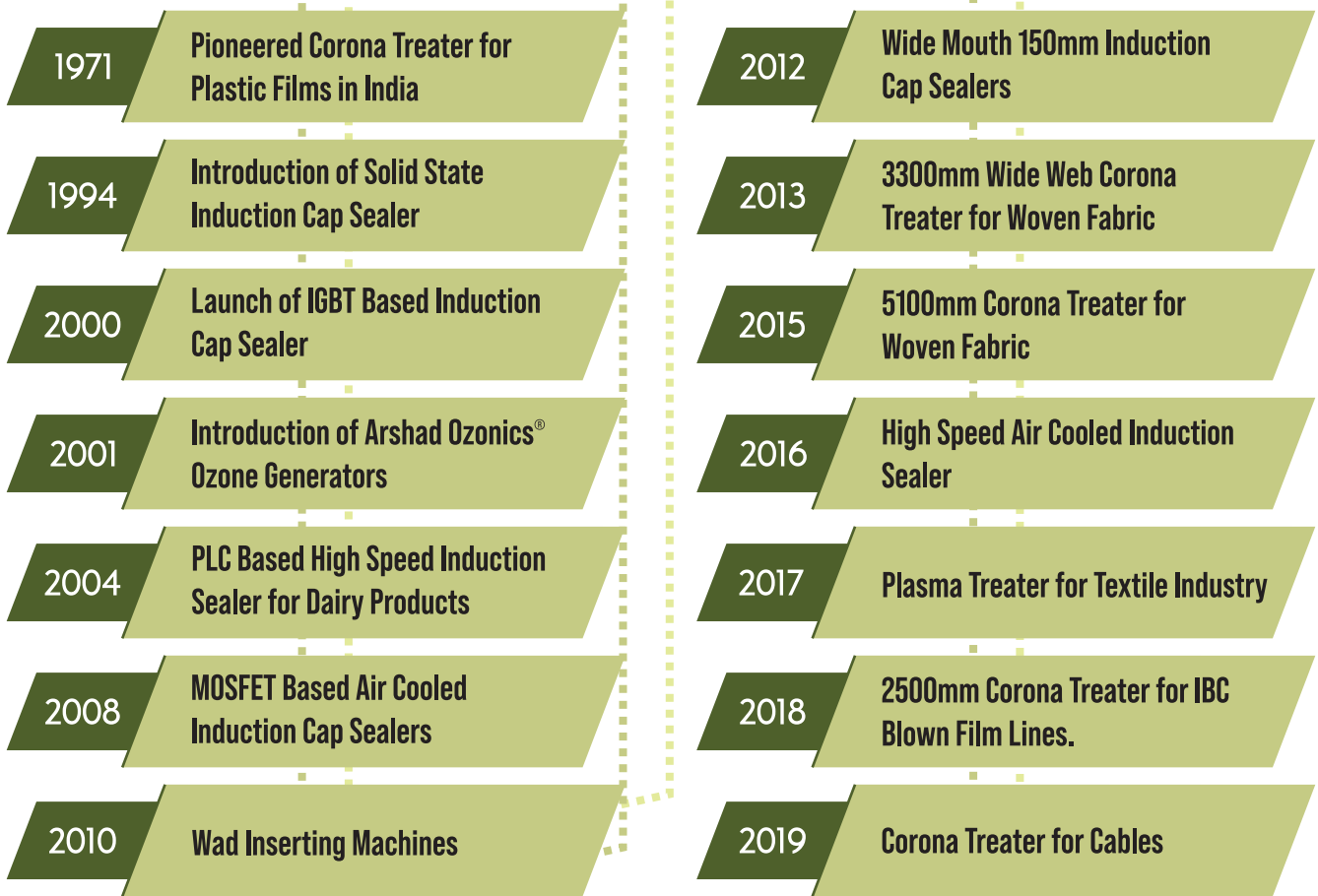
Company Profile

Arshad Electronics Pvt. Ltd. was established in the year 1971, and ever since has been innovative in producing the latest technology and the most advanced systems of Corona Treaters and Induction Cap Sealers in India. Built on solid fundamentals of the late Mr. A.G Moolji, Arshad Electronics continues to carry its legacy of precision and quality with a success streak of over 50 years.

Our main focus is to deliver the best product at the best price with timely service. To ensure customer satisfaction, we have established an after-sales service backup in major cities in India as well as other countries. We continue to achieve perfection and 100% customer satisfaction for our clients by providing tailor made solutions globally in each and every market. With over 10,000 installations around the world, we bring forth our new range of Fluxomatic® Corona Treaters, Fluxosealer® Induction Cap Sealers, and Fluxoplasma Plasma Surface Treaters with latest technology and high performance.



Development Timeline



WHAT IS CORONA TREATMENT

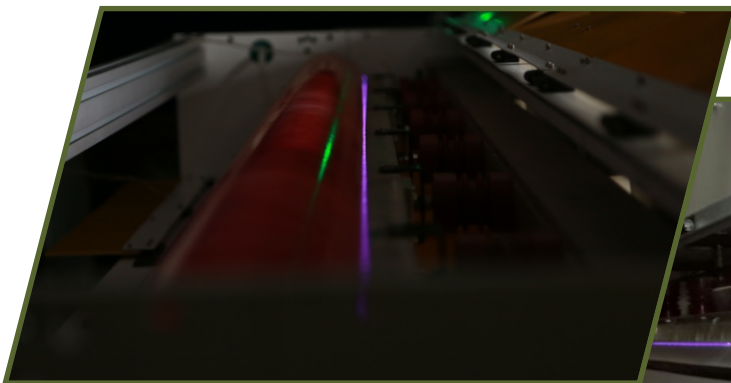
Corona Treatment is a process of high speed oxidation which creates polar molecules on the film surface. The energy of the corona will break the bonds of the atomic structure of the substrate. The oxygen rich ozone developed by the corona discharge, will readily fill the open valencies which create a surface charge thus improving the surface energy levels.

APPLICATIONS

- Printing
- Lamination
- Coating
- Aseptic Packaging

SUBSTRATES

- Monolayer Films
- Multilayer Films
- Cast Films
- Woven Fabrics
- BOPP / MET Films



CORONA TREATER FOR MONOLAYER BLOWN FILM EXTRUDER

FTS MNL SERIES

The system is designed for mono layer blown film extruders. It consists of the generator, oil cooled high voltage transformer and pneumatic operated electrode assembly.



Main Features

- Key type electrodes for skip treatment and fin type electrodes for fixed treatment
- Aluminium rollers are covered with pure dielectric ozone resistance sleeve for long life.
- Guide rollers for entry and exit of film.

Specifications

- Width: 500mm - 1100mm
- Line Speeds: 40 meters / min for printing applications

Safety Features

- Zero speed cut off
- Active Spark Protection
- Assembly door open cut off

CORONA TREATER FOR A-B-A BLOWN FILM EXTRUDER

FTS MNL ABA SERIES

The system is designed for A-B-A blown film extruders. It consists of the generator, oil cooled high voltage transformer, pneumatic operated electrode assembly and ozone extraction system.

Main Features

- Key type electrodes for skip treatment and fin type electrodes for fixed treatment
- Aluminium rollers are covered with pure dielectric ozone resistance sleeve for long life.
- Guide rollers for entry and exit of film.

Safety Features

- Zero speed cut off
- Active Spark Protection
- Assembly door open cut off with audio/visual alarm

Specifications

- Width: 500mm - 1100mm
- Line Speeds: 80 meters / min for printing applications



CORONA TREATER FOR MULTILAYER BLOWN FILM EXTRUDER

FTS MML SERIES

The system is designed for multi layer blown film extruders. It consists of the generator, oil cooled high voltage transformer, pneumatic operated electrode assembly and ozone extraction system.



Main Features

- Easy to maintain fin type electrodes for fixed treatment and micro gap adjustment.
- Aluminium rollers are dynamically balanced covered with pure dielectric ozone resistance sleeve for long life.
- Guide rollers for entry and exit of film.

Safety Features

- Zero speed cut off
- Active Spark Protection
- Over temperature cut off
- Single phase preventer
- Speed to power
- Assembly door open cut off with audio/visual alarm

Specifications

- Width: 1100mm - 2600mm
- Line Speeds: 80 meters / min for lamination applications

CORONA TREATER FOR IBC BLOWN FILM EXTRUDER

FTS MML IBC SERIES

The system is designed for IBC blown film extruders. It consists of the generator, oil cooled high voltage transformer, pneumatic operated electrode assembly and ozone extraction system.

Main Features

- Easy to maintain fin type electrodes for fixed treatment and micro gap adjustment.
- Aluminium rollers are dynamically balanced covered with pure dielectric ozone resistance sleeve for long life.
- Guide rollers for entry and exit of film.

Safety Features

- Zero speed cut off
- Active Spark Protection
- Over temperature cut off
- Single phase preventer
- Speed to power
- Assembly door open cut off with audio/visual alarm

Specifications

- Width: 1100mm - 2600mm
- Line Speeds: 120 meters / min for lamination applications



CORONA TREATER FOR COATING AND LAMINATION

FTS CM/BR SERIES

The system is designed for conductive and non conductive films for lamination and printing machines. It consists of the generator, oil cooled high voltage transformer, pneumatic operated electrode assembly and ozone extraction system.



Specifications

- Width: 500mm - 1700mm
- Line Speeds: 300 meters / min

Main Features for CM Model

- Ceramic electrode system with micro gap adjustment.
- Aluminium rollers are dynamically balanced and external drive arrangement for synchronising with machine speed.
- Guide rollers for entry and exit of film.

Main Features for BR Model

- Silicone roller electrodes driven externally with micro gap adjustment.
- Aluminium rollers are dynamically balanced and external drive arrangement for synchronising with machine speed.
- Guide rollers for entry and exit of film.

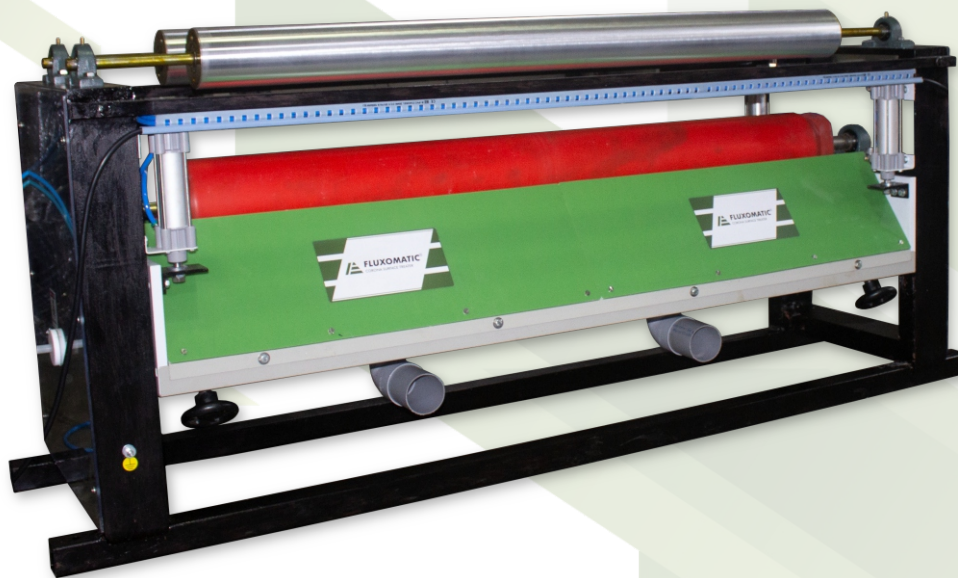
Safety Features

- Zero speed cut off
- Active Spark Protection
- Over temperature cut off
- Single phase preventer
- Speed to power
- Assembly door open cut off with audio/visual alarm

CORONA TREATER FOR COATING AND LAMINATION

FTS NCF SERIES

The system is designed for non conductive films for lamination, coating and printing machines. It consists of the generator, oil cooled high voltage transformer, pneumatic operated electrode assembly and ozone extraction system.



Main Features

- Easy to maintain fin type electrodes for fixed treatment and micro gap adjustment.
- Aluminium rollers are dynamically balanced covered with pure dielectric ozone resistance sleeve for long life.
- Guide rollers for entry and exit of film.

Specifications

- Width: 500mm - 1700mm
- Line Speeds: 300 meters / min for lamination applications

Safety Features

- Zero speed cut off
- Active Spark Protection
- Over temperature cut off
- Single phase preventer
- Speed to power
- Assembly door open cut off with audio/visual alarm

CORONA TREATER FOR WOVEN FABRIC

FTS WS SERIES

The system is designed for woven fabric for lamination, coating and printing machines. It consists of the generator, oil cooled high voltage transformer, pneumatic operated electrode assembly and ozone extraction system.



Main Features

- Easy to maintain fin type electrodes for fixed treatment and micro gap adjustment.
- Aluminium rollers are dynamically balanced covered with pure dielectric ozone resistance sleeve for long life.
- Guide rollers for entry and exit of film.
- A pre lump sensor arrangement is also incorporated to avoid breakage of electrodes.

Safety Features

- Zero speed cut off
- Active Spark Protection
- Over temperature cut off
- Single phase preventer
- Speed to power
- Assembly door open cut off with audio/visual alarm

Specifications

- Width: 500mm - 5100mm
- Line Speeds: 300 meters / min for lamination applications

CORONA TREATER FOR MOULDED ARTICLES & CABLES

FTS 3D/CBL SERIES

The system is designed for plastic moulded articles and cables. It consists of the generator, oil cooled high voltage transformer, electrode assembly and ozone extraction system.



3D SERIES

- System is used for treatment on flat plastic moulded articles and pipes prior to printing.
- An insulated customised conveyor system is provided for flat or round objects.

CBL SERIES

- System is used for treatment on cables prior to ink jet printing.

Safety Features

- Zero speed cut off
- Active Spark Protection
- Assembly door open cut off with audio/visual alarm



Our Installations

India
Bangladesh
Egypt
Indonesia
Kuwait
Oman
Thailand
Philippines

Greece
Portugal
Russia
Spain
UK
Qatar
Sri Lanka
Jordan

Saudi Arabia
U.A.E.
Vietnam
Ethiopia
Ghana
The Gambia
Kenya
Malaysia

Malawi
Nigeria
South Africa
Tanzania
Uganda
Argentina
Mexico
Bahrain

& Fast Expanding into more Markets.

Service Centers:

Mumbai | Ahmedabad | Hyderabad | Delhi

Designed, Manufactured & Guaranteed By

ARSHAD
ELECTRONICS PVT. LTD.

Solutions for Better Printing and Packaging

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