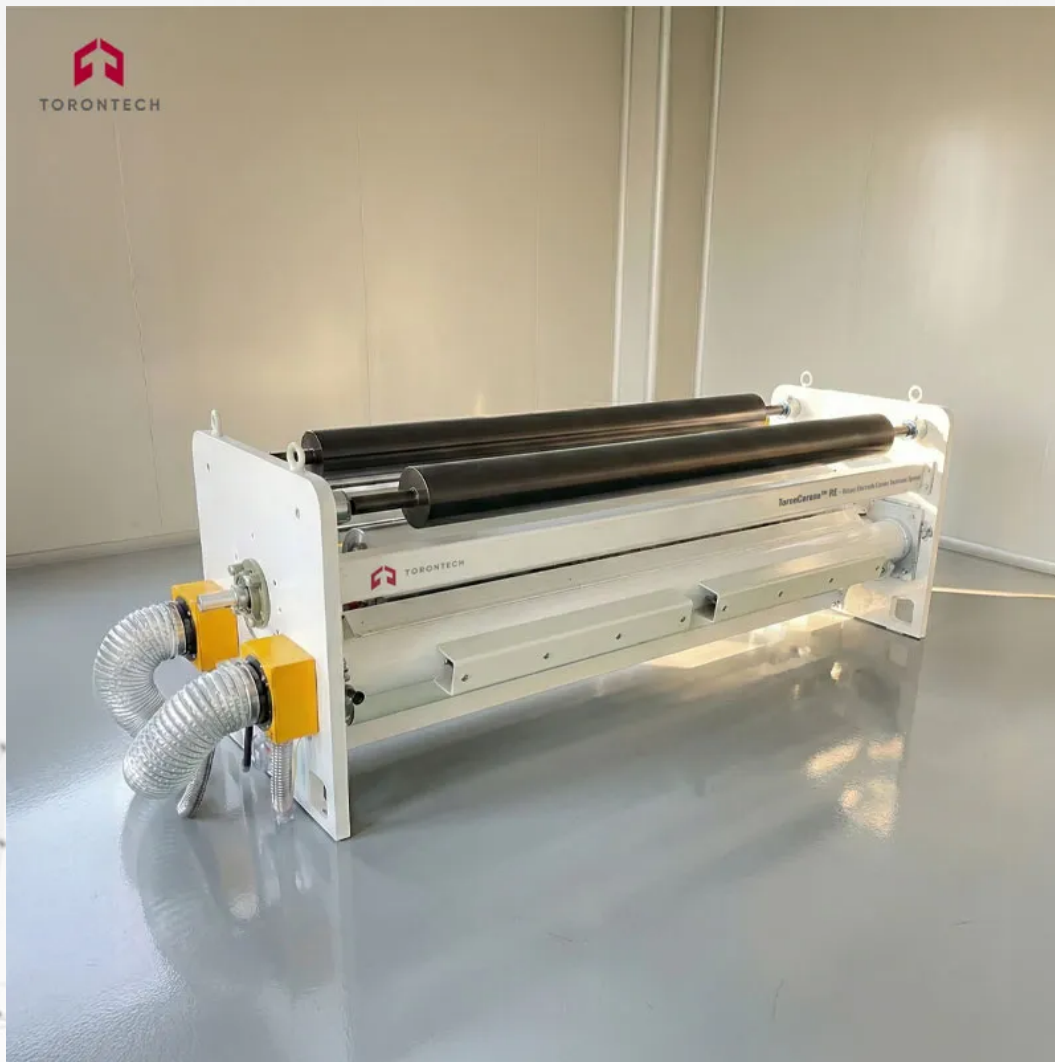




TORONTECH

ROTARY ELECTRODE CORONA TREATMENT SYSTEM



Rotary Electrode Corona Treatment System - ToronCorona™ RE

Rotary Electrode Corona Treatment System - ToronCorona™ RE is a high-precision corona surface treatment solution designed for continuous treatment of films, foils, and paper materials in industrial production environments. This advanced corona treatment machine uses a rotating electrode structure to generate uniform, stable corona discharge, effectively increasing surface energy and improving adhesion performance.

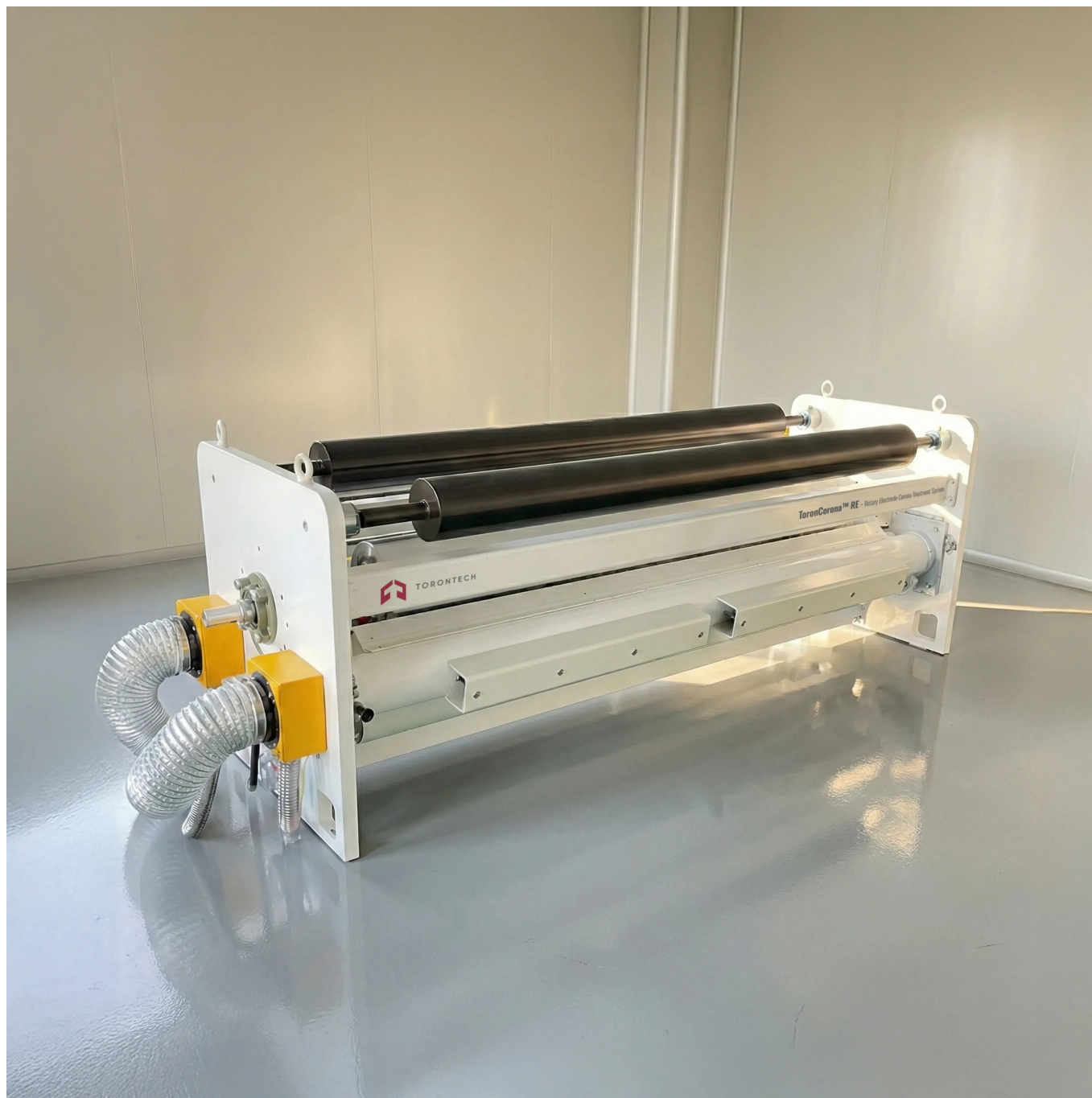
Engineered with an aluminum oxide plate body and a corrosion-resistant stainless steel enclosure, the system delivers long-term reliability in ozone-rich environments. Imported toothed ceramic electrodes ensure consistent discharge intensity, making this corona treatment equipment ideal for demanding applications such as aluminum foil, plastic films, copper foil, and specialty papers.

APPLICATIONS

Rotary Electrode Corona Treatment System - ToronCorona™ RE Applications

The Rotary Electrode Corona Treatment System - ToronCorona™ RE is widely used in:

- Plastic Film Processing - Enhances surface wettability for printing, coating, and lamination of BOPP, PET, PE, and other films.
- Aluminum & Copper Foil Treatment - Improves bonding strength for battery materials, packaging foils, and composite laminates.
- Paper & Specialty Paper Processing - Increases ink and coating adhesion for high-quality printing and finishing.
- Flexible Packaging Production Lines - Ensures stable surface energy for multi-layer film and foil structures.
- Industrial Coating & Laminating Equipment - Supports consistent corona surface treatment across wide material widths.



FEATURES

Rotary Electrode Corona Treatment System - ToronCorona™ RE Key Features

- Rotating Electrode Corona Discharge Design
 - Provides uniform and continuous corona surface treatment for films, foils, and paper materials.
- High-Performance Ceramic Electrodes
 - Imported toothed ceramic electrodes deliver stable discharge intensity and long service life.
- Ozone- and Corrosion-Resistant Construction
 - Aluminum oxide plate body and stainless steel housing resist ozone exposure and chemical corrosion.
- Anti-Arc High-Voltage Protection
 - PTFE anti-arc insulation protects high-voltage connections, improving operational safety.
- Precision Roller Bearing System
 - Embedded oil-filled bearing seats ensure smooth rotation, high positional accuracy, and minimal maintenance.
- Side-Lift Electrode Structure
 - Allows easy cleaning, maintenance, and material threading without disrupting production flow.
- Roller Stop & Electrode Position Protection
 - Prevents mechanical damage during operation, startup, and shutdown.



TECHNICAL SPECIFICATIONS

Rotary Electrode Corona Treatment System - ToronCorona™ RE Technical Specifications

Parameter	Specification
Product Type	Rotary Electrode Corona Treatment System
Model	ToronCorona™ RE
Discharge Method	Rotary electrode corona discharge
Electrode Material	Imported toothed ceramic electrode

Parameter	Specification
Body Material	Aluminum oxide plate
Housing	Stainless steel, ozone-resistant
Treated Materials	Plastic films, aluminum foil, copper foil, paper
Electrode Adjustment	Side-lift adjustable structure
Roller System	Embedded oil-filled bearing seats
Safety Protection	Anti-arc PTFE insulation, electrode position protection
Operation Mode	Continuous, inline production
Installation	Compatible with coating, printing, laminating lines
Maintenance	Easy access for cleaning and servicing



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