

AUTOMATIC SHEET CORONA TREATMENT MACHINE



Automatic Sheet Corona Treatment Machine - ToronCorona™ ASCT

Automatic Sheet Corona Treatment Machine – ToronCorona™ ASCT is a conveyor-based corona treatment machine specifically engineered for corona surface treatment of individual sheets rather than continuous rolls. Designed with an integrated motor drive and automated infeed and outfeed, this corona treatment equipment delivers stable, repeatable surface activation for flat substrates in a compact footprint.

By applying controlled high-frequency corona discharge, the system increases surface energy and improves wettability, enabling stronger adhesion for printing, coating, laminating, and bonding processes. The adjustable processing speed, enclosed safety design, and foldable platform structure make this machine ideal for production environments where flexibility, safety, and space efficiency are critical.

APPLICATIONS

Automatic Sheet Corona Treatment Machine - ToronCorona™ ASCT Applications

This Automatic Sheet Corona Treatment Machine – ToronCorona™ ASCT is widely used across industries that process rigid or semi-rigid flat materials:

- Printing and graphic materials
- Packaging sheets and board stock
- Plastic sheets (PP, PET, PVC, PS, ABS)
- Composite panels and technical laminates
- Electronic insulation sheets
- Decorative films and coated boards

- Pre-treatment before coating, gluing, or ink application



FEATURES

Automatic Sheet Corona Treatment Machine - ToronCorona™ ASCT Key Features

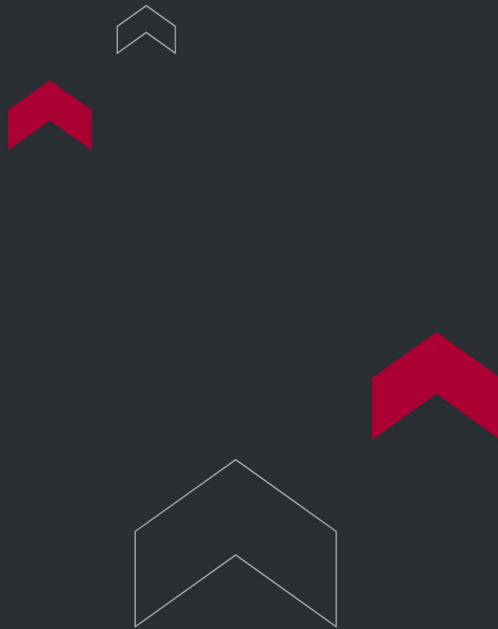
- Designed for individual sheet processing, not roll-to-roll materials
- Motor-driven conveyor system with automatic sheet infeed and outfeed
- Adjustable treatment speed for precise corona exposure control
- Uniform corona discharge for consistent surface energy improvement
- Multiple built-in safety protection devices for operator safety
- Foldable conveyor platforms on both sides, reducing floor space
- Compact and mobile design for flexible factory layout integration
- Easy operation and maintenance, suitable for continuous production use

TECHNICAL SPECIFICATIONS

Automatic Sheet Corona Treatment Machine - ToronCorona™ ASCT Technical Specifications

Parameter	Specification
Equipment Type	Sheet-fed corona treatment machine
Treatment Method	High-frequency corona surface treatment
Material Handling	Automatic conveyor infeed and outfeed

Parameter	Specification
Applicable Material Form	Individual flat sheets
Processing Speed	Adjustable (material-dependent)
Drive System	Integrated motor drive
Surface Treatment Function	Surface energy increase and activation
Operation Mode	Continuous sheet processing
Safety System	Multiple electrical and mechanical safety protections
Platform Design	Foldable infeed and outfeed platforms
Mobility	Compact structure, easy to move
Installation Type	Stand-alone floor-mounted unit
Typical Use	Pre-treatment before printing, coating, bonding



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