

BOPP Slitting-Rewinding Advanced Static Neutralizing

JINDAL Nasik India

Width: 8400mm
Speed: 1000m/min
Mach.: GOEBEL
MONOSLIT
Material: BOPP

iONstream FUSION

OFF = > 25.000 V

ON = < 300 V

**Perfect
neutralizing**



Customer Overview

Jindal Poly Films Limited is a part of INR 30 billion B.C. Jindal group, a 58 year old industrial group offering a wide range of products.

Jindal is the largest manufacturer of BOPET and BOPP in India.

Jindal is the 8th largest BOPET Film manufacturer in the World.

- BOPET film
- BOPP film
- Metallized BOPET film and BOPP film
- Coated BOPET and BOPP films.

JPFL plant at Nasik, Maharashtra is the world's largest single location plant for the manufacture of BOPET and BOPP films.

- 1,27,000 tpa of BOPET films.
- 2,10,000 tpa of BOPP films.
- 71,610 tpa of metallized films.
- 14,000 tpa of coating films.



System Key Features

- High voltage generators encapsulated inside bar profile
- Intelligent via onboard Micro-controller
- 24V DC supply voltage; no HV cables!
- Stand alone and network capability
- WLAN & Bluetooth communication
- Local multi function status LED

AUTO^{DC}® Technology

- Automatic correction towards needed polarity
- Sensing charge value and polarity
- 100% discharging, no "zebra" – residual charge
- Detect and protocol residual charge



General System Description



iONstream Fusion is a microcontroller driven static neutralizing system with an integrated onboard high voltage generator. The heart of the neutralizing technology is the patented 'Auto DC' operation mode. The system automatically adapts the correct discharging polarity and neutralizes the charged substrate in a most possible

perfect efficient way. When working in potentially explosive and hazardous areas, the product line is certified with ATEX approval for zone 1/21, which is the highest safety level for discharging electrodes.



iONstream Fusion can be controlled and monitored by **iONpilot** Industrial APP, which enables a direct access to the data parameters of the discharging and cleaning process via touch-panel.

