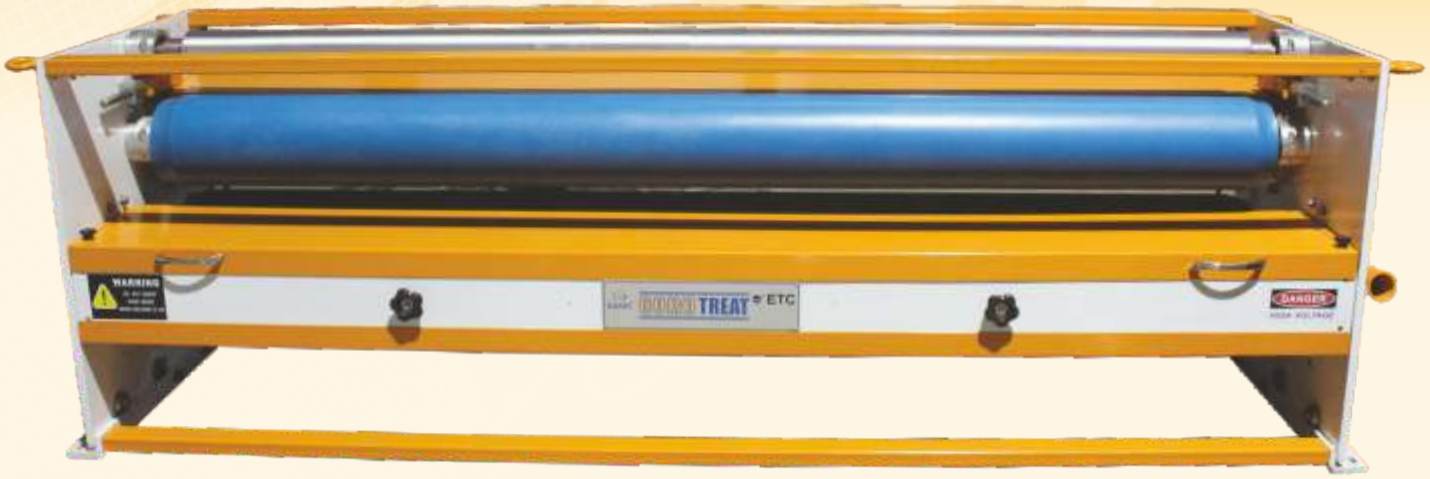
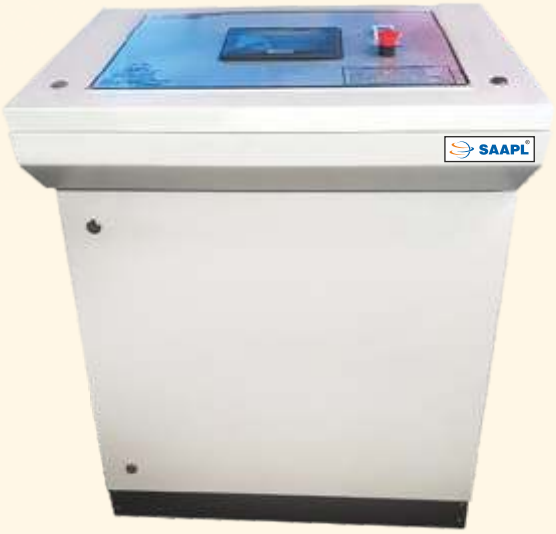
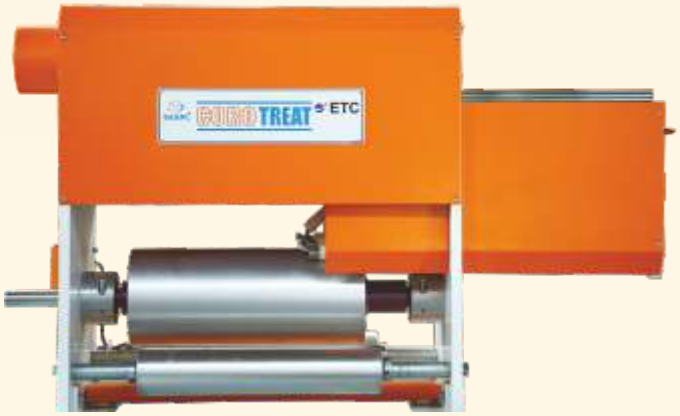
CORONA TREATMENT SYSTEM

SAAPL®
S A Automation Pvt. Ltd.







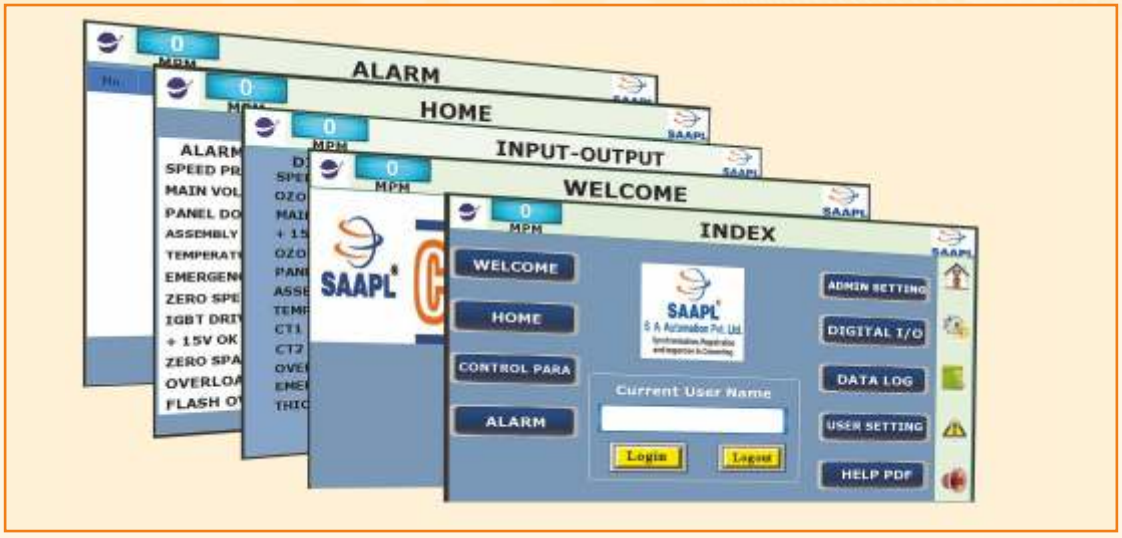
FEATURES

- Real time IIoT compatible over wireless network supporting
- Remote access via internet.
- Email notifications for completion of roll, consolidated job report, critical alarms & Trends - Predictive Maintenance
- Intelligent software detects mechanical & electrical failures quickly
- Built-in feature of automatic opening and closing of electrodes during operation based on machine speed. No dependency on operator for this function.
- Flashover trip unique feature to prevent fire.
- Latest IG BT technology.
- Power efficiency above 90%.
- Stepless treatment power control.
- Zero speed / overload / short circuit trip with audio - visual (stack light) alarms.
- Advance protective circuits guard against : over temperature, over current and high voltage.
- Wide load matching 5 to 1.

SAAPL® **COROTREAT** ETC

WORKING

Surface tension of plastic film, paper, metal foils, teflon coated fiber glass cloth etc. is not sufficiently high to permit good wetting of inks/gums or lamination. Corona Treatment makes films receptive to ink lamination by including molecular changes on surface of the film.



APPLICATIONS

- Blown film extrusion single layer/multilayer plastic film plants
- Woven sack roll on-line flexo printing machine
- Extrusion/Lamination coating plant for paper
- Lamination plant for aluminum foil / plastic film
- PVDC coating on PVC film for pharmaceuticals applications
- Sheet line plant
- Gum coating on PTFE coated fiber glass cloth
- Plastic moulded articles
- Rotogravure, flexographic, solventless coating, solventbase converting machines.
- Lable printing machine

SPECIFICATIONS

- Treatment Power : 500 Watts to 20 kW
- Frequency : 10 kHz to 45 kHz
- Treatment Width : 150 mm to 4400 mm
- Material : LDPE/LLDPE/HM/PTFE/Paper/Aluminum Foil/PVC/Kapton etc.
- Max. Thickness : 5 mm

Optional available with

FLAPPER SYSTEM

ENSURE DOOR TO OPEN AND PREVENTS DISTURBANCE TO ELECTRODES BY JOINT/SPLICE