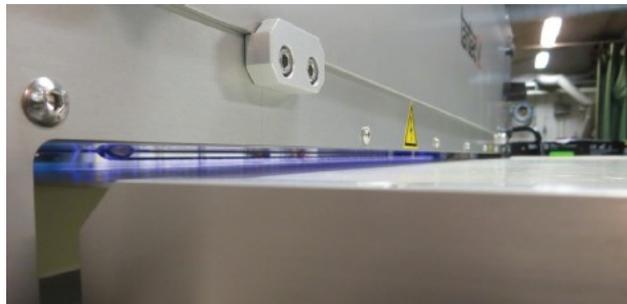


Plasma Treating

Corona Treatment of Glass Sheets Prior to Coating Application

A stand-alone Corona Treatment unit is the surface activation method of choice for a major European glass producer when seeking improved bond strength to glass sheets prior to a coating application. The glass sheets undergoing treatment vary in size from 50mm to 1000m, because of this, the customer sought a flexible solution to ensure consistent treatment levels despite the parts varying in size. Alongside this, a key customer demand was for a treatment system that did not damage the surface of the glass sheets during production.



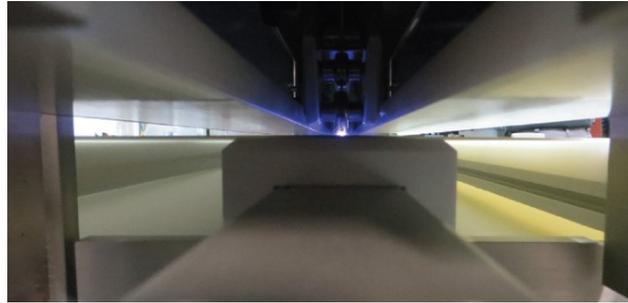
Repeatable Surface Activation

To meet these key requirements, the stand-alone Corona Treatment unit is well equipped to ensure consistent treatment of the varying size glass panels which can be processed at a range of treatment speeds from 500mm per minute to 3000mm per minute. The solution provided utilises a single high frequency wire electrode which is accurately positioned 2mm off the surface to be treated; this accurate positioning ensures no damage to the material's surface while achieving optimal, consistent treatment levels.

The low maintenance, high performance treatment system is available for both single and double-sided treatment, providing flexibility to fit your manufacturing process while ensuring optimal treatment levels. To facilitate ease of installation at the customer site the standalone Corona Treatment unit was bench mounted to also ensure easy integration into the existing manufacturing process.

Plasma Treating

The unit comes equipped with an inbuilt conveyor for transporting the glass panels underneath the treatment head to ensure the unit operates at optimum treatment parameters and the required treatment speed is maintained; this easily repeatable process ensures a high quality, consistent and reliable level of treatment is achieved throughout the manufacturing process.



Giving back control...

If you'd like to find out more about how Corona Treatment can improve adhesion to glass, why not give the Dyne Technology engineers a call on +44(0) 1543 411 460 or email info@dynetechonology.co.uk.

ASK US A QUESTION!

