

The Widest Range of Applications



PolyDyne™ is the most versatile and efficient system in 3DT's product line. It is specifically suited for use in high-speed printing, assembly, extrusion and coating lines.

Treatment from the interior surface of needle hubs to large bumpers and wide foam material is possible.

PolyDyne allows the application of Corona treatment to the exact part needed and increases adhesive properties regardless of shape.

The system features generator, high-voltage transformer(s) and a custom-designed treating station with electrode assembly to meet your specific requirements.

Our Solutions Are Inline With Your Needs

- An innovative frequency-matching system allows the generator, transformer and electrode systems to self-adjust and operate concurrently.
- Every unit is value-engineered with an enclosure to protect the operator from the high voltage and offers provisions for safe ozone exhaust.
- It provides optimum efficient Corona treatment for high-speed production lines.



3DT's Philosophy:

3DT offers you system solutions including single-source design, manufacturing, installation and service, regardless of size or scope of the project. We combine our many years of experience with the most sophisticated and versatile generator and transformer technology in the marketplace. The result is a unique approach to your needs and requirements. Our solutions range from simple semi-automatic to complete fully-automatic systems integrated into your production line. Our systems and equipment are productively at work around the globe, serving customers in industries just like yours.