



TERRONICS DEVELOPMENT CORPORATION

Innovators in Development of Electrostatic Coating Process Technologies

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Electrostatic Powder Applicators

Terronics electrostatic powder applicators provide a better way to apply fine powders to 2-dimensional continuous substrates in industries such as steel, paper, cosmetics, rubber, electronics, agriculture, medical, and food.

Most existing methods employ the powder gun as a means of charging and spraying the powder. This is ineffective when coating high speed, 2-dimensional and continuous substrates.

TDC's powder applicators have either a brush or diffuser which aerates the powder past multiple charging electrodes that span the width of the target. Once the powder is charged, it becomes attracted to the target substrate where it is evenly distributed across the width. This system is far more efficient than multiple powder guns.

System Benefits:

- **Controllable**
- **Uniform Coverage**
- **Reliable**
- **Efficient**

Another unique feature is the flexibility in design. TDC can custom design machines to suit your particular needs.



Contact Terronics for more information.

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