

TERRONICS DEVELOPMENT CORPORATION

Innovators in Development of Electrostatic Coating Process Technologies
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Electrostatic Oilers

Terronics electrostatic oilers provide a far better way to oil steel strip for rust protection, lubrication, or stamping. Most existing methods are ineffective and cause oil handling headaches. Mechanical methods of oil deposition (rolling, dripping, pumping, blade wiping) as well as most semi-electrostatic methods are imprecise and require overoiling to ensure total strip coverage. This leads to high costs of oil removal and disposal, coil handling problems, and safety/housekeeping problems from runoff of excess applied oil both for you and your customers.

System Benefits:

- Preserves Product Quality
- •Improves Safety and Housekeeping
- •Reduces Customers Oil Disposal Problems
- Improves Coil Handling
- •Minimizes Oil Usage
- •Allows Flexible Processing

TDC's electrostatic oilers deliver the most uniform targeting and control of oiling possible. Strip coverage is uniform and typically controllable within +/-10mg/ft sq. With this degree of uniformity, 50mg of oil/ft²/side (or less) is sufficient to provide complete coverage against rusting.



Contact Terronics for more information.