



**CURTIS** METAL FINISHING COMPANY  
FASTENER FINISHING SPECIALISTS • ENGINEERED COATINGS

Applicator of  **Magni Engineered Coatings**



[curtismet.com](http://curtismet.com)



We Specialize in the Application of  
 **Magni Engineered Chrome-Free Coatings**



MAGNI 510



MAGNI 511



MAGNI 560



MAGNI 565



MAGNI 567



MAGNI 575



MAGNI 594



MAGNI 599



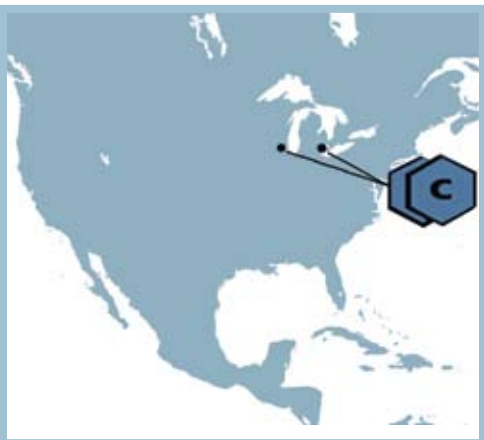
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# About Curtis

Founded in 1963, Curtis Metal Finishing Company's healthy appetite for success has enabled it to grow into one of the nation's largest bulk metal finishing operations. Operating as a wholly-owned subsidiary of Commercial Steel Treating Corporation, Curtis Metal Finishing is backed by a Corporation with more than 80 years of expertise in the metal treatment industry. Curtis Metal Finishing has multiple state-of-the-art facilities in Michigan and Illinois. As a key supplier of specified coating systems to the Automotive and General Industrial markets, Curtis Metal Finishing Company leads the industry in technical innovation, quality, and customer service.



Our highly automated facilities specialize in the bulk application of engineered coatings on fasteners and small components. We offer an extensive variety of coatings to meet any desired level of performance including extreme corrosion durability, protection from galvanic corrosion, and friction modification for repeatable torque performance. Our quality systems are backed by ISO 9001: 2000 registration and our laboratories are accredited through A2LA.

## Our Processes



Phosphate Pre-Treatment Line

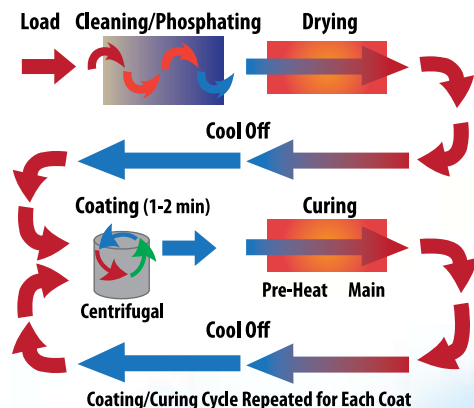


E-Coat Top Coat Line



Dip-Spin Line

## Dip/Spin Processing



## Our Specifications



### COATING OEM

- Magni 510 Chrysler, Ford
- Magni 511 Arvin Meritor, ASTM, Chrysler, Delphi, Ford, General Motors, Int'l Truck, TRW
- Magni 515 Cummins Engine, Ford
- Magni 523 Club Car, Harley Davidson
- Magni 531 Fisher Controls
- Magni 550 Arvin Meritor, Case New Holland, Ford, Lennox, Tacom/US Army, UT/Carrier
- Magni 555 Arvin Meritor, Case New Holland, Delphi, Fisher Controls, FMC Technologies, Ford, Paccar
- Magni 560 Case N. Holl, Chrysler, Ford, GM, Tacom/US Army, Volvo
- Magni 565 Arvin Meritor, ASTM, BMW, Bobcat, Briggs & Stratton, Case New Holland, Chrysler, Daimler, Delphi, Fiat, Ford, GM, Int'l Truck, ISO, JLG, John Deere, Land Rover, Nissan, Porsche, PSA, Renault Trucks, Tacom/US Army, Toro, Trane, TRW, VW, Volvo
- Magni 567 Nissan, Toyota
- Magni 575 GM, Delphi, Mercury Marine
- Magni 577 Ford



- Magni 590 Ford, GM, Volkswagen
- Magni 591 GM, Volkswagen
- Magni 594 Chrysler, Daimler, VW
- Magni 599 Non-Automotive

as of 8/08

## Our Commitment to Quality



ISO 9001: 2000 registration and A2LA laboratory accreditation. The same QUALITY ethic that began in 1927 is evident today throughout all our operations.



Torque Tension Testing



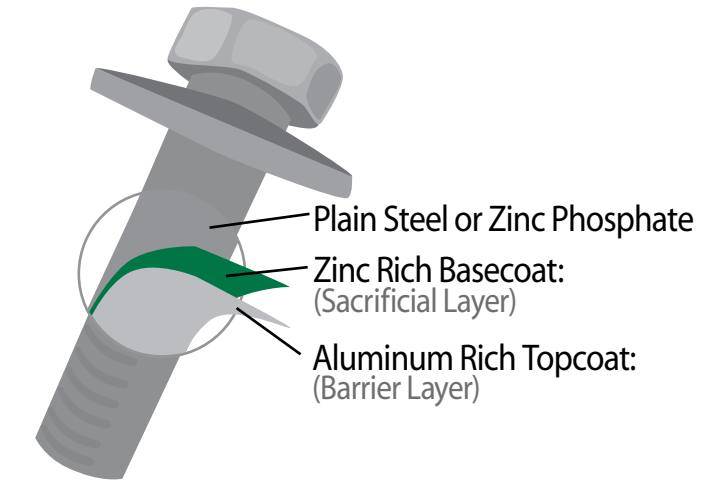
Corrosion Testing



RTO: Regenerative Thermal Oxidizer

## Magni Performance

Magni Industrial Coatings are chrome-free. Our duplex fastener coating system combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat. Friction modifiers are integrated into our topcoats, which allows for repeatable torque tension characteristics during assembly. Magni Coatings are designed for use on fasteners, stampings and other types of hardware. Many coatings are available in a variety of colors.



## Benefits of Magni Coatings:

- Exceptional corrosion resistance
- Cost-competitive
- Chrome-free coating system
- Low coating thickness
- No hydrogen embrittlement
- Standard & custom colors available
- Resistant to automotive fuels and fluids
- Consistent torque tension relationship
- Consistent and improved friction
- Integrated lubricity for easy installation
- Maintains adhesion after multiple installation/removal cycles
- 30 year history in coating development and manufacturing
- Worldwide availability