



**ULTRA**

METAL FINISHING



# Agenda

**The UMF Story**

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**Powder Coating**

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**Chemical Stripping**

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**Anodizing & Conversion Coatings**

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**ERP System**

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**Service Commitment**

# THE UMF STORY



1993

2013

2022

**Batch Powder Systems**

**Current Ownership**

**Anodizing Launches**

Automated **Chemical Stripping** System

Automated **Conveyor** System

First **Hybrid Powder Booth**

First **J-In-Line Primer System**

Custom **ERP Software - TRAX**

Continued commitment to **innovation**



# POWDER COATING



Process over 3M parts per year



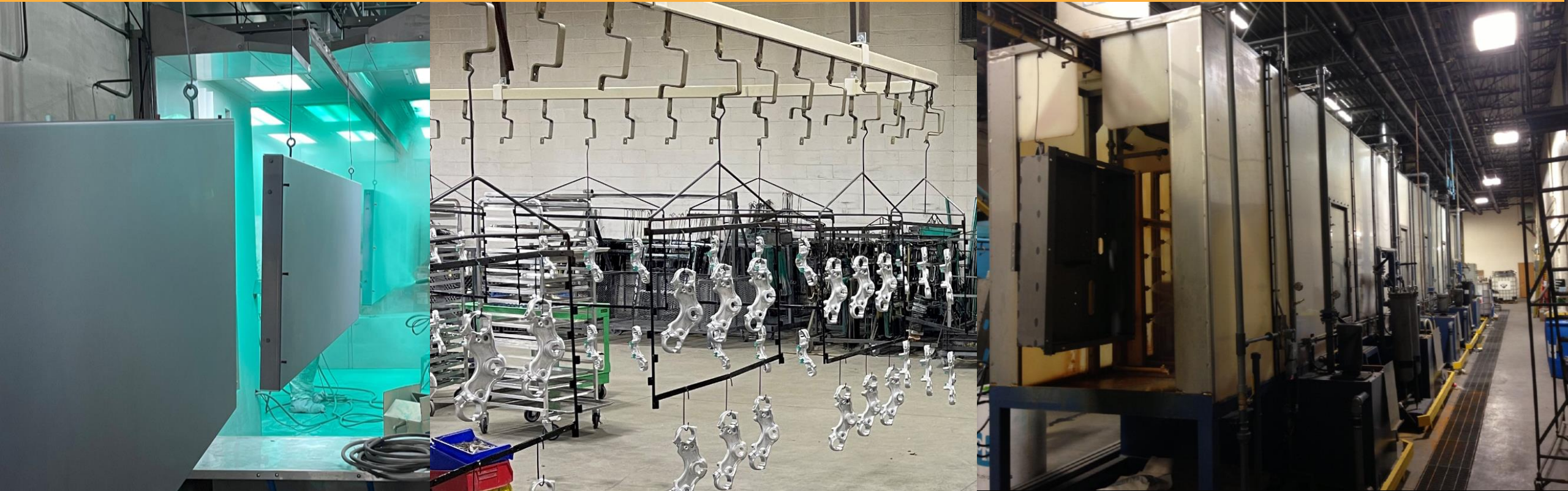
Approved coater for many major OEMs



Certified to achieve an automotive finish



End-to-end tracking of every part



# Powder Coating Equipment & Certifications

ISO 9001:2015 & UL certified



## Powder Coating – 800' Automated Overhead Conveyor System

- Large Part Opening: 63” x 48” x 96”; 500 lb max load per carrier
- In-line primer and topcoat application in single line cycle
- Advanced dust mitigation technology
- 7-stage zirconium pre-treatment is environmentally friendly, phosphate-free nanotechnology
- Certified process meets 1,000 hour salt spray and other OEM performance requirements
- Alodine Conversion Coating available

## Batch Powder Coating System

- Maximum part size: 6ft x 6ft x 15 ft

# CHEMICAL COATING REMOVAL

Chemical Coating  
removal for both  
aluminum and steel

Allows us to strip our  
fixtures in-house for a  
better grounding  
resulting in improved  
coating quality

Helps provide best-in-  
class turn times



# ANODIZING LINE



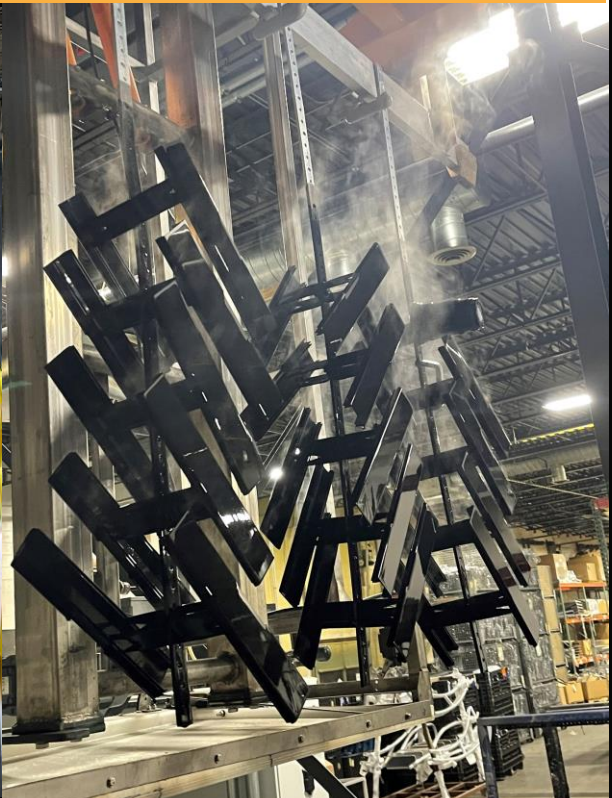
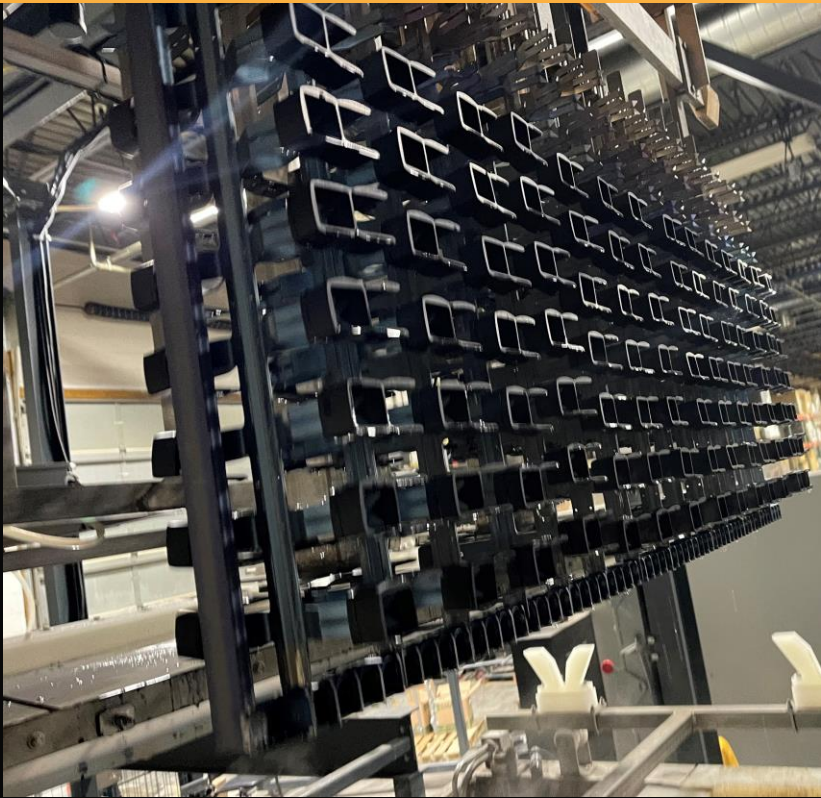
Fully Automated Type II & Type III Anodizing System



AUCOS control system to maximize quality and efficiency



State of the art equipment – design currently only employed by two major premium OEMs



# Anodizing Equipment & Certifications

MIL-A-8625F / MIL-PRF-8625F  
ISO 9001:2015  
ITAR Compliant



## Type II & Type III Hard Coat Anodizing – Fully Automated 28 Station System

- Tightest thickness tolerances are held using advanced AUCOS control system
- State of the art ventilation system
- Four types of agitation for improved air release and chemical consistency: mechanical, air, liquid eductor, and vibratory
- Work Envelope: 62” x 34” x 18”

## Conversion Coatings, Passivation & Degreasing

- Bonderite Alodine 5200 Conversion Coating – 8 stage process
- Variety of CARC conversion coatings available for long term projects
- Passivation & cleaning for various substrates



# CUSTOM ERP SOFTWARE

## TRAX

Our industry-leading MRP web application is **hosted on premise** and boasts a robust slate of capabilities:

- Work orders & due dates
- Customer material location & status
- Inventory usage & ordering
- Scheduling
- Customer specifications & quality requirements
- Work instructions & routing – drawings
- Intelligent forecasting
- Real-time maintenance & quality alerts
- Data logging of all sensitive equipment
- And more!



+ Ability to add features upon request



# SERVICE COMMITMENT

- Consistent, intelligent communication
- Quality, OTD and lead-times are tantamount
- Commitment to installing processes that reduce friction for partners
- Values guide our actions







Says Thank You!