



Company Overview

Curtiss-Wright operates the world's largest network of shot peening facilities to meet today's challenging requirements. Located on the north side of Milwaukee and previously known as Metal Improvement Company, we are a full service shot peening facility with many OEM and industry approvals.

INDUSTRIES SERVED

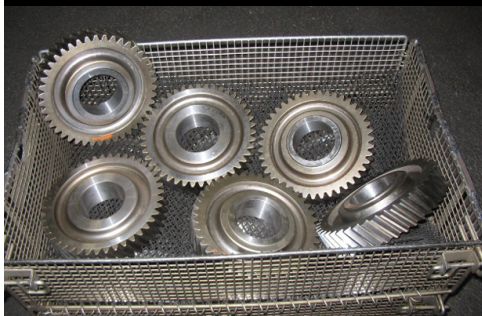


OFF-HIGHWAY



MILITARY

TYPICAL APPLICATIONS



GEARS — ALL SIZES



LARGE PART CAPABILITY

Design Challenges and Problems Solved

High Cycle Metal Fatigue (bending, torsion, vibration)
Stress Corrosion Cracking
Thermal Fatigue
Gear Tooth Flank Fatigue (micro-pitting, rolling-sliding contact fatigue)
Precision Texturing

Markets and Industries Served

Mining	Recreational Vehicles
Automotive	Military
Aerospace	Off-Highway Vehicles
Railroad	Oil and Gas
Industrial	

Facility Capabilities and Services

Shot Peening	Contour Correction (peen straightening)
Glass Bead Peening	Dual Peening
Surface Preparation	Abrasive Blasting
On-Site Shot Peening	Magnetic Particle Inspection
Precision Texturing (over 25 medias in stock)	

Customer Approvals/Specifications

The Milwaukee facility is approved to meet numerous OEM, industrial and military requirements including:

CAT	John Deere
Mercury	3M
Rexnord/Falk	Snap-On
Twin Disc	CNH
AMS 2430	Mil/AMS-S-13165
J2441	ISO 26910-1
ISO 9001	AS 9100

Contact Information

Curtiss-Wright: Metal Improvement Company
8201 N. 87th Street
Milwaukee, Wisconsin 53224
Telephone: (414) 355-6119
Fax: (414) 355-9114
Web: www.cwst.com
Sales: info.milwaukee@cwst.com



Shot Peening Applications



DRIVE SHAFTS



ENGINE COMPONENTS



STRUCTURAL COMPONENTS



SPRINGS



POWDERED METAL

Powertrain Components

Gears: All designs
Shafts

Engine Components

Connecting Rods
Crankshafts
Valve Springs
Rocker Arms

Structural Components

Spars
Struts
Welded Fabrications

Suspension Components

Springs
Anti-Sway Bars

Other Components/Applications

Powered Metal (fatigue and porosity sealing)
Threaded Connections
Welds
Glass Bead Peening
Precision Texturing

On-Site Shot Peening

Field crews are available to come to your location topeen any size part to Mil Spec standards

Curtiss-Wright operates a network of over 70 business units in 10 countries performing the following surface treatment technologies:

- Shot Peening
- Laser Peening
- Application of Coatings for Corrosion Prevention and Solid Film Lubrication
- Material Testing / Analytical Services
- Thermal Spray
- Sale of Coating Products under the Everlube® brand

Please visit our website at www.cwst.com and select "Find a Location" to see which business units are nearby.