



Facility Overview

Sint-Truiden, Belgium

Facility Scope & Industries Served

Curtiss-Wright's Sint-Truiden, Belgium facility supports application requirements such as high-cycle fatigue resistance under bending, torsion, and vibration, stress corrosion cracking mitigation, thermal fatigue control, and gear tooth flank fatigue improvement through advanced shot peening solutions across automotive, industrial, aerospace, and defense applications.

Aerospace

Chemicals & Food Processing

Power Generation

Military

Automotive

Facility Capabilities & Services

- Controlled Shot Peening
- Glass Bead Peening
- On-Site Shot Peening
- Abrasive Blasting
- Precision Texturing to a specified finish
- Dual-Controlled Shot Peening
- Glass bead Blasting & Finishing
- Light Rust Removal

Customer Approvals & Specifications

EN 9100:2018

Nadcap accredited

Various customer specific approvals

Shot Peening Applications

Aircraft and Rotorcraft Components

Engine Main Shaft, Blades and Hubs, Propellers and Rotors, Bearing Cages, Wings and Fuselage, Structures (spars and struts), Landing Gear (all MLG, NLG), Transmission Gears: All designs

Auto Power Train & Auto Engine Components

Auto Power Train: Flex Plates, Gears: All designs, Parking Pawls, Shafts

Auto Engine: Connecting Rods, Rocker Arms, Crankshafts, Valve Springs

Military, Off Highway Vehicle Components

Suspension Lugs, Torsion Bars, Wheel Bearing Flanges, Steering Flanges

Other Components and Applications

Feedscrews, Gears: Large Industrial and Mining, Springs: Arms, Threaded Connections, Tools, Dies, Moulds and Welded Fabrications

On-Site Shot Peening

Field crews can shotpeen any size part at customer's facility, Aircraft Fuselage / Wings, Gas or Steam Turbines, Hydro Water Wheels, Oil Refinery Coker Structure



Contact Information

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