



Facility Overview

Feuchtwangen, Germany

Facility Scope & Industries Served

Curtiss-Wright's Feuchtwangen, Germany facility supports application requirements such as high-cycle fatigue resistance under bending, torsion, and vibration, gear tooth flank fatigue improvement, contour correction of titanium and aluminum aircraft structures, stress corrosion cracking mitigation, and thermal fatigue resistance through advanced shot peening and super finishing solutions across aerospace, automotive, industrial, military, power generation, medical technology, and recreational vehicle applications.

Aerospace	Military	Automotive
Power Generation	Chemical & Food Processing	Recreational Vehicles
Construction	Medical	

Facility Capabilities & Services

- Shot Peening
- Glass Bead Peening
- Peenforming
- Light Rust Removal
- Surface Preparation with Abrasive Blasting
- C.A.S.E
- Dual Shot Peening
- Glass Bead Blasting and Finishing
- Contour Correction
- On-Site Shot Peening
- Precision Texturing
- Vibratory Grinding

Customer Approvals & Specifications

EN ISO 9100	Nadcap Accredited
AVIA Propeller, LTD	AIRBUS
Boeing	GE Aviation
Honeywell SCA	Leonardo
MTU Aero Engines	Pratt & Whitney
Rolls-Royce	Aerotech Presenberg
Liebherr Components	Lufthansa
Elso Elbe/Caterpillar	

Shot Peening Applications

Aircraft and Rotorcraft Components

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

Auto Power Train & Auto Engine Components

Auto Power Train: Flex Plates, Parking Pawls, Gears: All designs, Shafts
Auto Engine: Connecting Rods, Rocker Arms, Crankshafts, Valve Springs

Military, Off Highway Vehicle Components

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

Oil & Gas

Drill Collars, Bits and Rods, Shovel Buckets and Screens, Electronic Chassis, Trunk Crankshafts

Other Components and Applications

Gears: Large Industrial and Mining, Precision Texturing (architectural), Springs: Auto - Door and Seat, Welded Fabrications, Feedscrews, Saw Blade Holder, Threaded Connections, Tools, Dies, Moulds, Ship – Winch Tension Transducers

On-Site Shot Peening

Aircraft Fuselage / Wings, Hydro Water Wheels, Oil Refinery Coker Structure, Gas or Steam Turbines, Mining Ball Mills and Drag Line Gears, Weldments: Pipelines, Railcars, Ships



Contact Information

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