



Wheelabrator Impact



wheelabrator
Impact
A Norican Technology

Expert shot peening services

We have the following major customer approvals:

Airbus
BAE Systems
Boeing
Bombardier
GKN Aerospace
Gulfstream
Lufthansa Technik
Safran
Spirit Aerosystems

We are a member of the following professional organisations:



Aerospace, Defence and Security Group (ADS)



North West Aerospace Alliance (NWA)



South East Aerospace



Midlands Aerospace Alliance (MAA)



Sustaining Member

Institute of Materials Finishing



Motorsport Industry Association (MIA)

About Wheelabrator Impact



We ensure all industry approvals and accreditations are met without the need for investment on your behalf.



We provide a cost-effective solution.



Over 60 years global expertise in shot peening processes.



Availability of options governing subcontract shot peening service levels including premium 'while you wait' (WuW) and next day Aircraft-On-Ground (AOG) services.



We offer advice and development partnerships whilst maintaining absolute confidentiality.



Customers kept up-to-date with the latest industry advice and technology.



In-depth technical knowledge of the complexities governing shot peening.



Rapid turnaround and expedited services also available.



Highest level of quality control.



An expert team, experienced in critical processes.



Vast supply chain knowledge.



Part of Norican Group

- Over 30 globally situated sales and service centres
- Customers in over 100 countries
- A strong, company-wide focus on sustainability, committed to setting emissions reduction targets

We are Norican: DISA | ItalPressGauss | StrikoWestofen | Wheelabrator
www.noricangroup.com

Our UK facility is equipped with the latest high specification robotic technology, enabling highly accurate precision shot peening, exceptional process control, repeatability and digital computerized traceability.



Our Expertise



Aerospace

With the need to produce more fuel-efficient aircraft, designers are employing lighter and stronger alloys. Shot peening plays a significant role in increasing the fatigue life of highly stressed critical airframe components, allowing further reduction of weight by using parts designed with less mass but the same, if not enhanced, fatigue properties.

We process components from very large wing ribs, spars, wing skins and undercarriage components such as gear ribs, linkages, hydraulic cylinders and bolts, as well as landing gear wheels, down to a very small spring or fixtures. In addition, aero engine compressor blades, fan blades, drums, spinners and supporting components.



Automotive/Motorsport

When safety, quality and precision are paramount, we always deliver on our commitments. By applying fatigue enhancing, controlled, automated shot peening processes to metallic/alloyed components we can fully support motorsport and high-level production vehicles. As part of our premium service, we can offer same day delivery upon request.



Medical

We are extremely well-versed in producing intricate, high-quality, repeatable prototypes and are highly experienced in the clean room environment requirements of the medical industry. We can ensure material, design and manufacturing meet customer satisfaction.



Architecture

We provide a full range of modern non-ferrous ceramic and glass bead peened finishes on stainless steel and aluminium - an ideal solution for stainless steel cladding, skirtings, doors and hand railing on railway stations, airport terminals, commercial buildings and sculptures.



Oil & Gas Industry

We specialise in providing shot peening services for critical engineered components in the oil and gas and exploration industries, such as: collars, agitators, pumps, pipelines, structures, manifolds, turbo expander sets and safety valves.

About Us

Wheelabrator Impact is the specialist subcontract shot peening supplier to industries requiring expertly outsourced, controlled and automated shot peening services.

We have over 60 years of experience, and today, we use the newest controlled and automated equipment. This enables a comprehensive project management process adhering to the highest quality standards and inline with the latest international civil and defense industry approvals.

Our expertise includes:

- shot peen forming
- correction saturation shot peening of fatigue enhancement
- automated aesthetic shot peen
- glass been finishing
- surface preparation

Our expertise

- Aerospace
- Automotive/Motorsport
- Medical
- Architecture
- Oil & Gas
- Wider engineering sectors

Shot peening subcontract services are offered globally but delivered in limited locations. You can contact us at our subcontract shot peening headquarters:

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