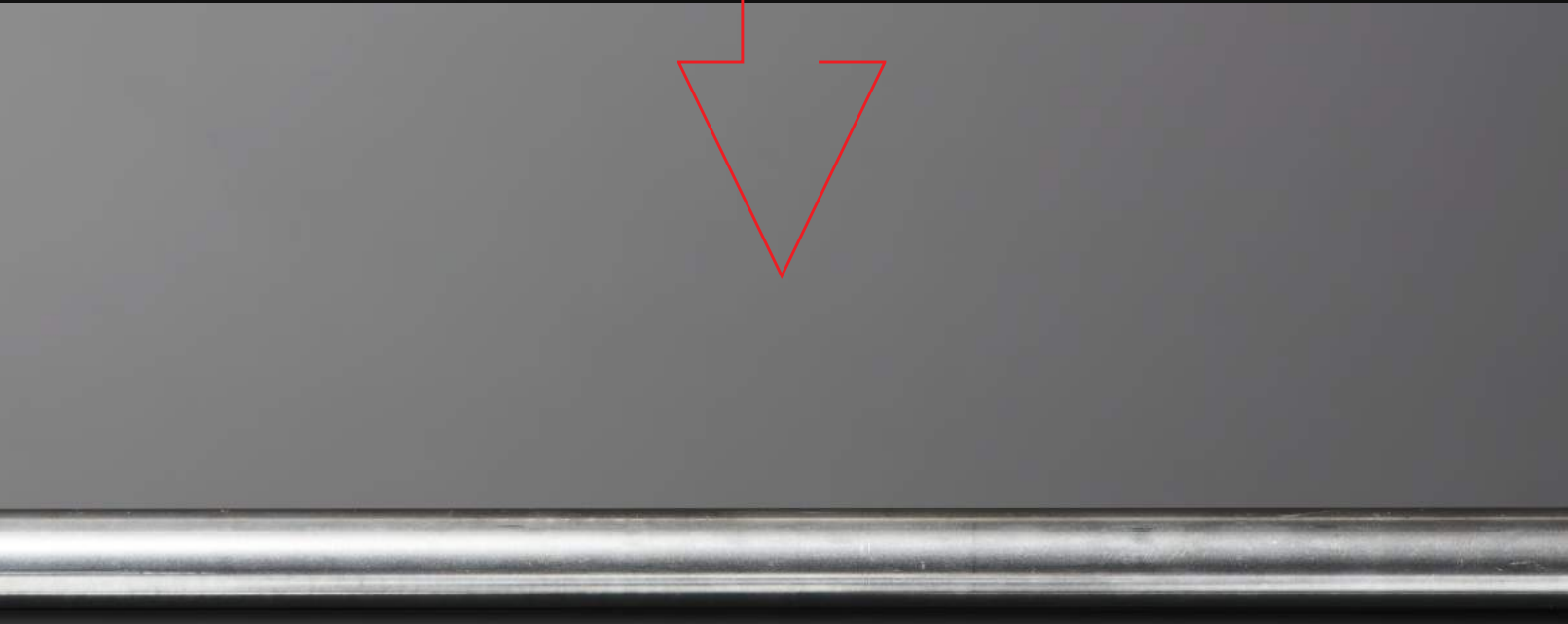




We are a creative firm that constantly seeks to contribute to both our local community and society at large. In so doing, we aim to train talent, foster world-class standards of technology, and remain relevant in the 21st century. Our goal is to bring our solutions to a wider client base and to offer our world-class technology to a variety of industries.



BEFORE



AFTER

Straightening

As the term suggests, straightening is the process of making metal components that have been twisted or bent during manufacturing straight again. Engineers use a variety of advanced skills to repair defective products and to further refine precision products.

Benefits of Straightening

Improve yield to reduce costs and shrink lead times

The primary benefit of straightening is that it improves yield and thereby reduces costs. On many production sites, defective products are simply discarded. However, with the exception of items with extremely low unit prices, straightening is considerably more cost-effective than simply discarding a product. A further benefit is that repairing instead of discarding defective items contracts lead times, allowing for the production line to return to normal operation faster.

Enhanced quality and high fidelity

Straightening can not only be used to repair defective products, but also to further enhance the quality and fidelity of good products. High-fidelity straightening is used in industries like aviation and aeronautics, nuclear power, and other fields where precision is required.

Features of Our Straightening Technology

Maximum straightness of 1/100 mm

Our firm's straightening technology is recognized for its high level of fidelity. Drawing on their extensive knowledge and experience, our veteran engineers can refine products to a straightness of 0.01 mm intervals. This achieves a precision outcome that is superior to machining.

Any material or form can be straightened

We have shown that all metals can be straightened. Whether the material is round, squared off, a plate, or a special form, we can straighten it. We also work on iron, titanium, high alloys, and next-generation materials. From long items to heavy ones, our straightening technology can be applied to a wide range of products to meet the diverse needs of our clients.

Yamayo has obtained ISO 9001 and ISO 14001 certification.

ISO 9001 is a set of quality management standards stipulated by the International Organization for Standardization, while ISO 14001 comprises the organization's environmental management standards. This certification guarantees that our work is of high quality and our environmental impact has been reduced as far as possible.



BEFORE



AFTER

Black Oxide Coating

Black oxide coating involves producing a chemical reaction between an alkali and the surface of iron to create a black film on the metal's surface. This prevents rust and also gives the product an aesthetic boost. In addition, it maintains the dimensions of the product even after it has been processed.

Benefits of Black Oxide Coating

Rust prevention

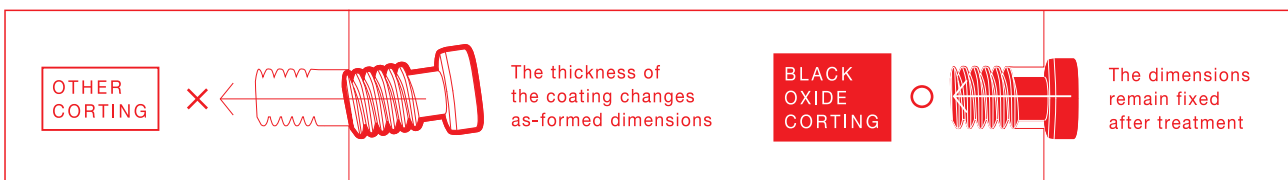
Applying a black oxide coating to an item prevents rust. Black oxide keeps rust at bay for long periods of time and prevents defects that could be caused by rust. The rust prevention power of a black oxide coating is largely determined by how it is processed. We provide a professional treatment to achieve an exceedingly high level of rust prevention that lasts.

Aesthetic improvements

Black oxide coating produces a deep black color. It creates a unique patina on different materials, so it is widely used both for industrial products and in interior design and art. Black oxide treatment enhances the look of a product and gives it a high-quality finish.

Maintains fixed dimensions

One major difference between black oxide coating and other coating and application technologies is that the dimensions remain fixed after treatment. Unlike traditional paint, black oxide coating is not something that is applied to the surface of a material; instead, it changes the material's actual composition. For this reason, the dimensions of the substrate remain the same before and after black oxide coating. With traditional applications, the thickness of the coating changes the final dimensions of the product. However, our black oxide coating maintains the original dimensions to within a 0.002–0.003 mm tolerance. This makes our black oxide coating ideal for products requiring strict standards of fidelity.



Aspects of Our Black Oxide Coating Technology

A safe and tough film developed from a proprietary blend of chemicals

All the chemicals used in our unique black oxide coating are prepared in-house. We blend them for maximum safety and minimal environmental impact, creating a process that can be used with peace of mind no matter the intended application. Our black oxide coating is also robust and not prone to chipping or flaking.



Delivering World-Class Technology from Yokohama, Japan

Dear All,

We are sincerely thank you for your support to Yamayo.

Our main lines of business are straightening and black oxide coating. While these are both niche fields, we believe they are indispensable in the production of high fidelity, precision products. Given our specialization, we constantly look for ways to improve our technology so that we can continue to deliver high-quality services and increase our customers' satisfaction.

Our goal is to bring our solutions to a wider client base and to offer our world-class technology to a variety of industries. We work together as a team to achieve high-fidelity straightening and black oxide solutions that meet our clients' stringent requirements.

We promise to be your sincere partner for mutual growth and benefits, and are looking forward to your further advice and encouragement.

Warm regards.

Yasuomi Kawai, President & CEO
August 26, 2016

Company Profile

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Contents of business : Straightening and Black Oxide Coating

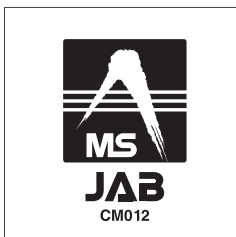


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Certifications



MS JAB CM012



SGS ISO 9001



SGS ISO 14001



Yokohama
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