

Company Overview

Since our establishment in 1961, we have built a reputation and knowledge base over more than half a century in our industry. That know-how and reliability have been our foundation as we serve the manufacturing industry with heat treatments for dies and other precision components, as well as PVD coatings for dies and cutting tools.

■ *Heat treatment* services that excel for one-off items

Vacuum heat treatments for quenching (bright heat treatment)/tempering, vacuum carburizing/nitriding, annealing/precipitation hardening, and more

■ Development of new *coatings* to meet the many and varied needs of our clients

A range of coating types available, as well as two PVD (ion plating) methods: AIP and HCD

■ *Custom-made processing* for greater added value

Extends the life expectancy and improves the performance of dies and cutting tools

Unique Technologies

- (1) Gsyori: A flatness-minimizing heat treatment technology (at A3 size, reduces flatness to 1/30 of that produced by conventional technology) that reduce the time and costs associated with die manufacturing down to 1/8.
- (2) O.Ncoat: Super-multilayer coatings developed on-demand and tailored to die and cutting tool purposes

These technologies have enabled us to help make the manufacturing industry more productive by delivering reduced costs, shortened lead times, and reduced energy consumption to our customers.

Please see our website for the latest information.
If you are interested in receiving detailed documentation,
please contact us here!

**Okaya Heat Treatment Industry
Co., Ltd.
1-5-2 Nangu, Okaya, Nagano
Prefecture 394-0033**

