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## Notice of Participation in the 6th Paint & Coating Expo (Coating Japan) (Tokyo)

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Taikisha will exhibit at the 6th Paint & Coating Expo (Coating Japan) (Tokyo), which is to be held at Makuhari Messe from Wednesday, October 4 to Friday, October 6, 2023.

With the theme of "Using Technology to Repaint the Manufacturing Environment!" our exhibit features solutions, based on customer insight, to issues facing customers at their coating worksites.

Our staff looks forward to seeing you there. Please feel free to stop by the Taikisha booth when visiting the expo.



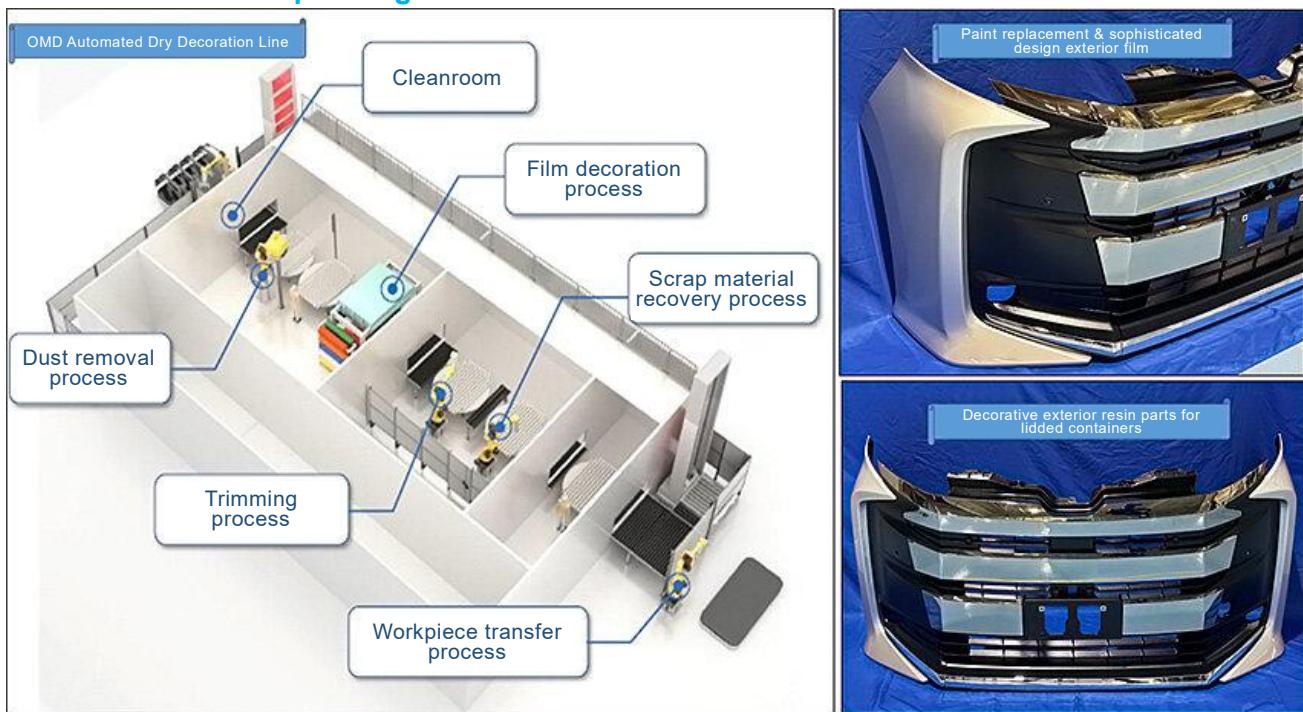
### ■ Outline

Period	Wednesday, October 4 to Friday, October 6, 2023
Hours	10:00–18:00 (Until 17:00 on the last day)
Venue	Makuhari Messe
Exhibition Booth	44-38
Exhibition Site	<a href="https://www.material-expo.jp/">https://www.material-expo.jp/</a>
URL for downloading your visitor badge	<a href="https://www.material-expo.jp/tokyo/">https://www.material-expo.jp/tokyo/</a> Please register and have your 2D barcode ready to scan at the venue

## ■ Main Exhibits

### ■ Development of film decoration system for exterior applications

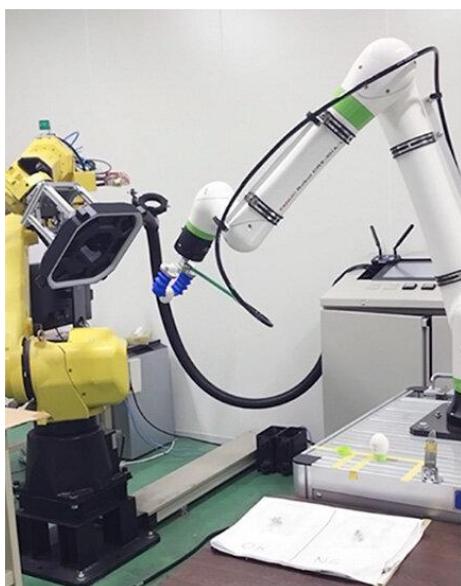
Promoting the development of a dry decoration technology with low CO<sub>2</sub> emissions instead of conventional wet painting



To make the coating process carbon neutral, we seek alternative coating methods to conventional spray coating and are examining various decoration systems. The use of decorative film lamination technology eliminates the spray coating process, resulting in a low-carbon footprint. This also eliminates the need for wastewater and exhaust treatment equipment, which is expected to have environmental benefits.

### ■ Automated coating inspection system

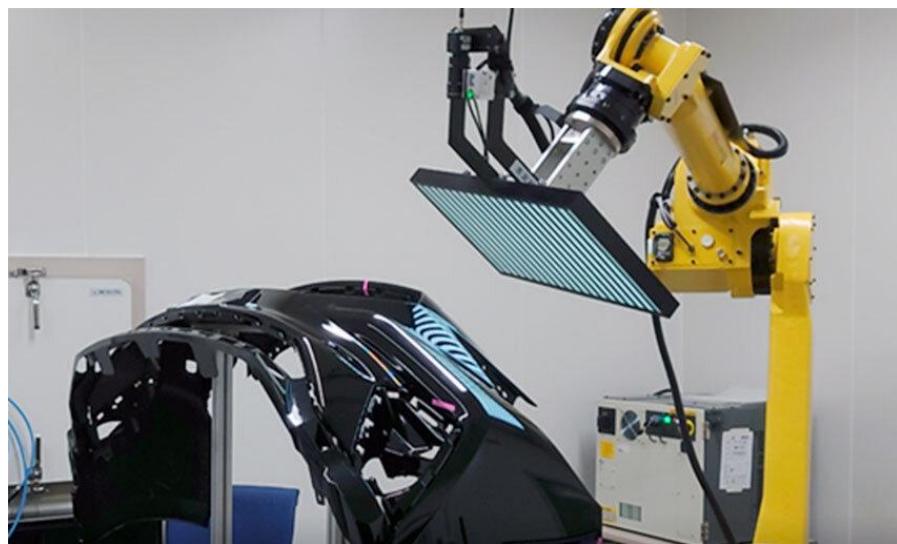
Offering a variety of automation solutions for detecting coating defects according to customer needs.



Not limiting our work to mere inspection automation, we are also working on technology to integrate multiple types of robots in the same cell, a unique feature of our system integrator.

## ■ Automated coating inspection system (advanced system incorporating AI that enables the same inspection decisions as humans)

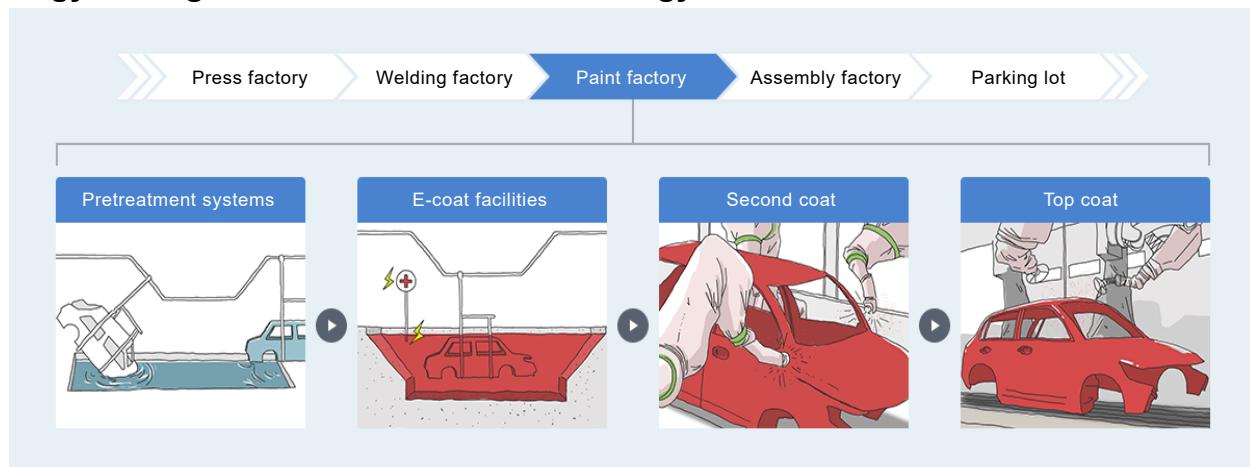
Surface treatments can be identified using AI. Data can also be sent to higher levels and linked to rework processes.



We offer optimal approaches to various coating inspections and propose value to our customers. In addition to a conventional image inspection system, our system includes a learning system that incorporates AI, enabling the system to make the same judgments as human workers. This allows for highly accurate automated inspections.

We also offer step-by-step installation consultations, including modifications of existing facilities.

## ■ Energy-saving and environmental technology solutions



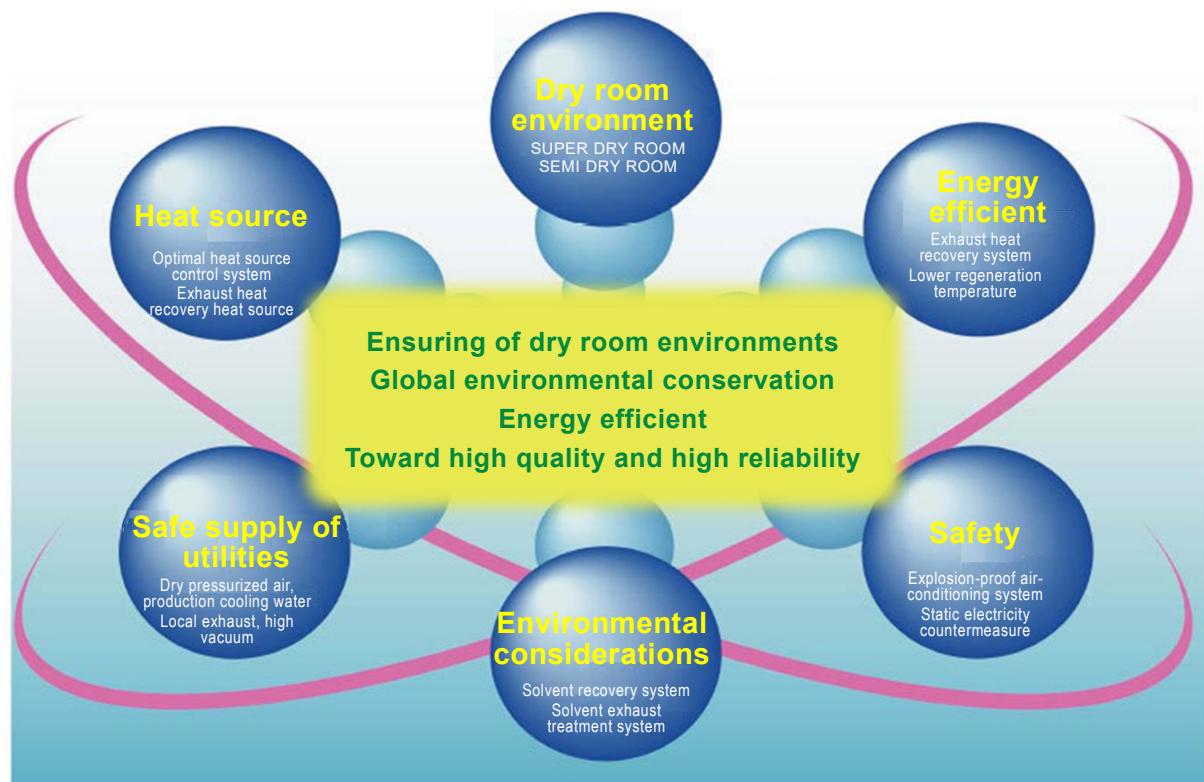
We will introduce energy-saving and environmentally friendly coating equipment technologies carefully selected from a range of proven technologies that have been introduced at numerous automotive plants.

Based on the principle of "Customers First," we handle everything from design, procurement, fabrication, and installation in accordance with customers' needs, the materials handled, and the given requirements.

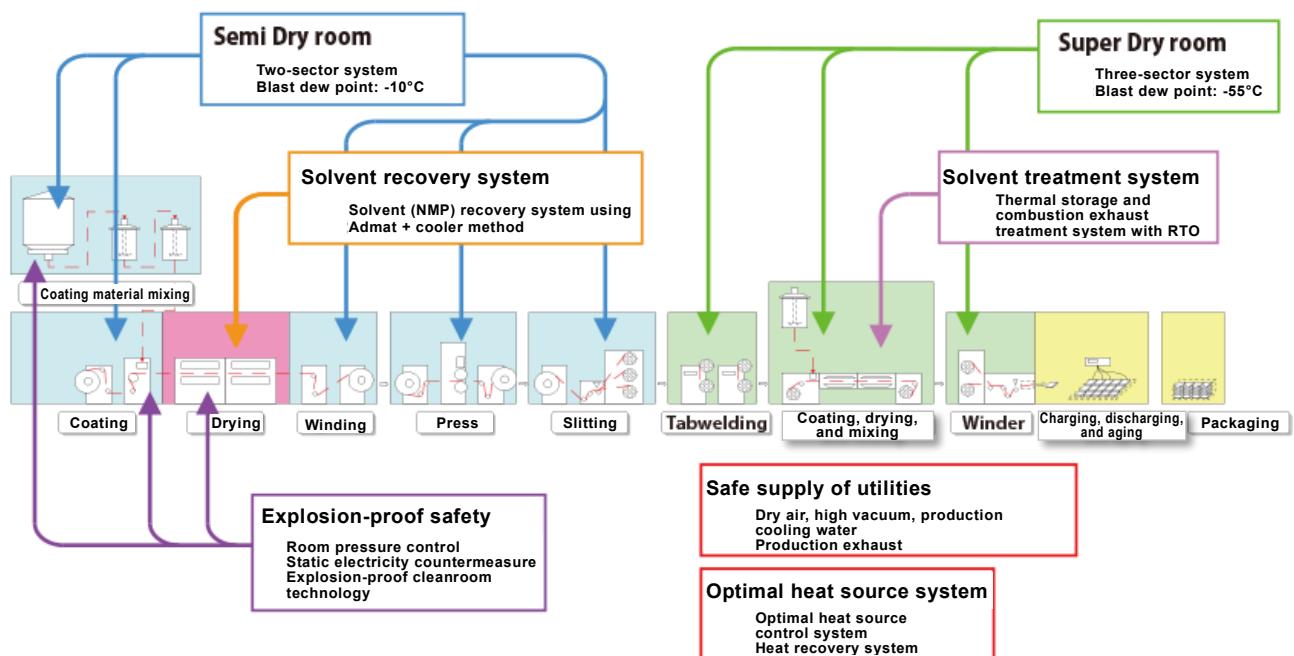
We propose the solutions that best suit each problem our customers face.

## ■ Energy-saving and environmental technology solutions for battery manufacturing plants

Providing comprehensive technologies for facilities related to battery manufacturing, including global environmental conservation and energy conservation



## Taikisha's Technologies



We provide low-cost, space-saving, high-performance dry rooms (low-dew-point manufacturing rooms) as a combined solution for air conditioning and exhaust treatment. Our revolutionary NMP Recovery System, in particular, boasts superior ease of maintenance, high energy savings, and low running costs, making it one of the best in Japan.

## ■ Magic Shield

### Keep stains off: Stain-resistant paint booths

Please consult with us if you struggle with the cleaning of your paint booths

 Pumpless paint booth

 Paint residue is less likely to accumulate!





One month after the installation of the stain-resistant coated SUS plate.  
\*Effectiveness depends on the paint used and the use conditions.

**Painting work made easier and more efficient!**

**Pumpless booth + stain-resistant coating  
Taikisha's new original product!**

## Magic Shield

This super hydrophilic glass film with a high 9H hardness repels paint like a magic shield!

The hydrophilic properties of the film provide stain resistance

**Stain removal mechanism**

1. Stains form on the surface
2. Water is applied to the surface
3. Water repels the stain
4. Water washes the stain off the surface

With Zero Clear applied  
Without Zero Clear  
Oil-based permanent marker

See the difference.

 Zero Clear® from Gogoh is used for the stain-resistant coating.  
"Zero Clear®" is a registered trademark of Gogoh.

Our Zero Clear coated paint booths are stain resistant, greatly reducing the cleaning workload involved. Able to be cleaned with just water, these booths seem almost magic. These facilities are environmentally friendly.

\* "Zero Clear" is a registered trademark of Gogoh.