



## JSW participates in K2022 International Plastics and Rubber Industry Exhibition

Booth No. : Hall 13 / A61

Sep. 1, 2022

THE JAPAN STEEL WORKS, LTD.

JSW participates in K2022, the world's largest plastics and rubber exhibition held in Dusseldorf, Germany, together with Tahara Machinery Ltd. which is a group company of JSW.

At our booth, in addition to demonstration of Injection moulding machine and Blow moulding machine, JSW's original IoT Solution, "J-WiSe®", will be demonstrated proposing how to realize smart factory, Twin Screw Extruder for Chemical Recycle will be exhibited, and Magnesium Injection Moulding Machine, Film and Sheet Manufacturing Equipment, Machines for Semiconductor products, Capacitor (Power storage device) will be displayed in movie and panel.

We would like you to visit our booth to see the newest technology of JSW's various products that can be used for upstream (manufacturing of pellet) to downstream (moulding of finished product) in a resin product manufacturing process, contributing to a Carbon Neutrality.

■ Date : October 19 (Wednesday) – October 26 (Wednesday), 2022

10:00 a.m. – 18:30 p.m.

■ Place : Dusseldorf Trade Center (Dusseldorf, Germany)

■ Theme : **JSW Goes Green** realized by cutting edge industrial machines and materials.

■ Content of Exhibition

Demonstration 1 Large-size All Electric Injection Moulding Machine [J850ADS-3900H]

Moulding of a car component will be performed by the latest All Electric IMM running at fastest cycle with least energy consumption in the industry.

Demonstration 2 Middle-size All Electric Injection Moulding Machine [J280ADS-890H-EHD]

EHD specification suitable for manufacturing from thin-walled to thick-walled products are equipped with the subject machine. High cycle moulding of thin-walled product will be performed using material that is easily recycled.

Demonstration 3 All Electric Multilayer Blow Moulding Machine (3 types 3 layers) [TJS25A-M]

TAHARA is going to launch a new developed Blow Moulding Machine for 20L Plastic Jerry can. TAHARA supports "Eco" & "Green" for the Earth and will perform moulding using recycled HDPE from Ocean plastic waste into middle layer.

Demonstration 4 IoT Solution [J-WiSe®]

Our system/service will be demonstrated for 4 fields of "Production Management", "Operation Support", "Service and Maintenance" and "Production Automation systems". JSW will support users to realize Smart Factory and will propose solutions to contribute to enhanced productivity.

Exhibition Twin Screw Extruder [TEX30  $\alpha$  for Chemical recycle]

In response to ever-growing environmental awareness, JSW will exhibit Twin Screw Extruder "TEX30  $\alpha$  for Chemical recycle" which enables the circulation of limited resources.

Movie & Panel JSW's own various types of machine and technologies will be introduced by movie and panel.

Magnesium Injection Moulding Machine, Film and Sheet Manufacturing Equipment, Hot Press Machine, Vacuum Laminator, Electrical storage device (use of renewable energy)