



INVITATION



Customer's Value Up

This year, we are celebrating the 30th anniversary since we started the production of electric servo-driven Injection Molding Machines. We will be participating in the IPF Japan 2014 with our latest technologies developed based on our long-accumulated technical expertise.

Our exhibiting concept :

SMART MOLDING

— Expanding possibilities of plastic molding —

Featuring the latest Si-6 series horizontal electric models, we will propose cutting-edge molding technologies of metal-substitute plastics, plastics for super precision parts, and plastics in the new field.

It is our greatest pleasure if you could visit our booth on this triyearly big event.

Kazunori Sogame , President & CEO.
TOYO MACHINERY & METAL CO., LTD.

Your agent

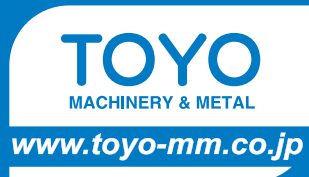
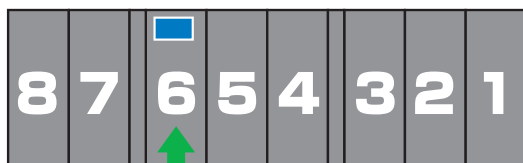
INTERNATIONAL PLASTIC FAIR JAPAN

Term Oct. 28th(Tue) ~ Nov. 1th(Sat)

Venue Makuhari Messe <http://www.ipfjapan.jp/>

TOYO's Booth NO.

62504 (hall 6)



← To Kaihin-Makuhari Station

Gas suppression system SAG + α

Drying-free, gas-suppressing plasticizing system

Gas generation during molding is a chief cause of molding defects. Combining the proven gas-suppressing screw with a special hopper, the "SAG + α " system realizes further gas-suppression effects, so that drying process can be eliminated.

Machine in demonstration :
Fully Electric Injection Molding Machine,
Si-180-6 H450D

NEW

CFRTP Hybrid molding system

High strength product molding system, expanding possibilities of plastics

With this system, at first continuous carbon fiber sheet is inserted in the mold, and then long fiber reinforced plastic is injected using a special screw that can achieve superior fiber dispersion while maintaining the original property of the long fiber. This system expands the possibilities of plastics.

Machine in demonstration :
Fully Electric Rotary Vertical Injection Molding Machine
with Horizontal Injection
ET-80HR2

Super precision molding system

Super precision molding can be achieved that is sought after by high-end users.

We will demonstrate the molding of camera lenses of cell phones with a small-sized electric servo-driven Injection Molding Machine specialized in precision molding. This machine is equipped with high precision clamping and injection mechanisms.

Machine in demonstration :
Fully Electric Injection Molding Machine,
Si-30-6EP B55D

NEW

EXHIBITS



SMART MOLDING

— Expanding possibilities of plastic molding —

Other Exhibits

Visualized heat barrel on display

The visualized heat barrel is highly effective to analyze the plasticizing process in the molding cycle. We will show an actual heat barrel that was fast developed by us in collaboration with the Institute of Industrial Science, University of Tokyo. We will also show a motion picture filmed by Yokoi Laboratory of the Institute, showing the observation image taken in the visualized flow analysis using the visualized heat barrel.

Smart Centralized Production Monitoring System T-Station lite

A production monitoring system can be easily established using a general PC with any server not required. At the show site, we will demonstrate various monitorings such as machine operation, product quality, molding conditions, using a tablet PC.

TOYO's value-up option series (Panel display)

We will introduce, using display panels, a wide variety of Toyo-developed proven but unique options.

