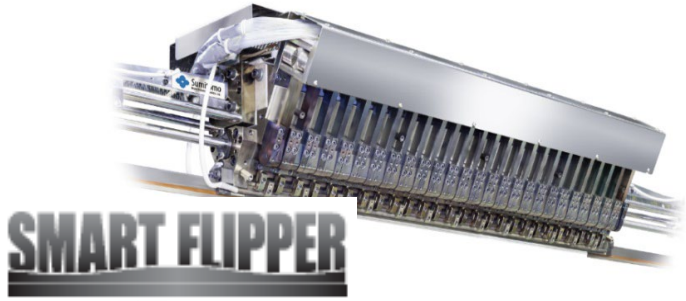
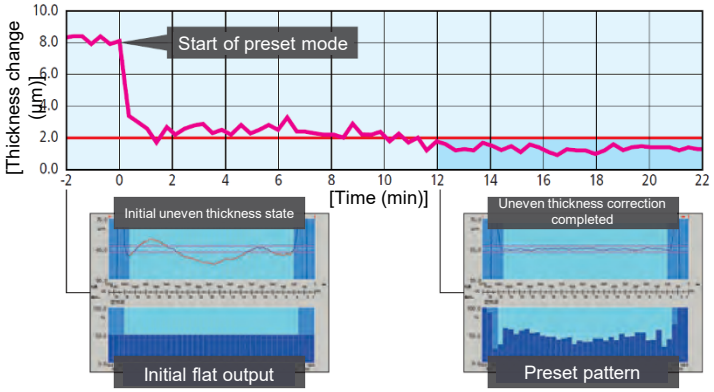
Smart Flipper

Sumitomo Heavy Industries Modern, Ltd.

- We offer a range of T dies (metallic molds) for laminating and casting, designed to **reduce the amount of raw materials used in producing plastic films**, such as those for food packaging.
- **Pneumatic-driven automatic control** has achieved high responsiveness and **precise film thickness accuracy**. Moreover, we have **shortened the film thickness adjustment time**, resulting in a **significant reduction in resin consumption**.
- Using the preset mode, which offers **high reproducibility**, can **reduce production startup and switchover times**. As a result, **resin consumption can be further minimized**.





Carbon Neutral Contribution points

✓ Compared to the conventional method*1, **resin consumption has been significantly reduced, resulting in a potential decrease of approximately 160 t/year/unit*2 in CO_2 emissions.**

Trial calculation based on the case of manufacturing food packages
*1 Conventional method: Heat bolt (thermal expansion) method
*2 Amount of resin reduction converted to CO_2 + Reduced electricity

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