

# valloon3

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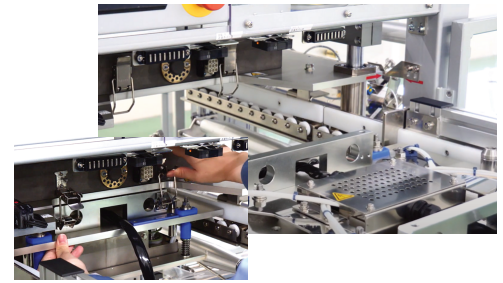


## Packaging machine that uses a biomass tray to reduce plastic waste

- ✓ Takes less than 5 minutes to change the tray sizes without any tools.
- ✓ Biomass trays can be easily crushed by hand and disposed of as burnable waste.

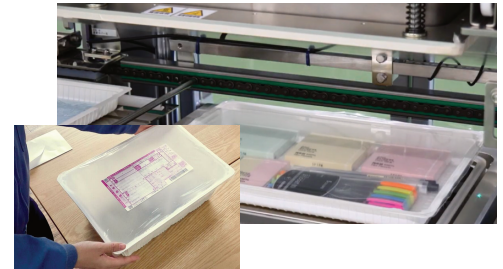
## Less than 5 minutes to change the tray sizes without any tools

- Tray sizes can be changed to different sizes according to the product by using a dedicated rack.
- Since the operation can be completed without a tool, it takes only less than 5 minutes.



## Up to 600 trays can be sealed per hour

- The shipping work completes by labeling the shipping address information directly to the top seal.
- Loading products into the trays can be automated easily by utilizing robots, which is expected to shorten the time for packaging and reduce human efforts/costs.



## Trays can be freely designed according to the shape of products

- ReseamST® provided by KOBAYASHI Co., Ltd., is adopted as a material of the biomass trays.

\* ReseamST® is a starch-containing biomass material that is expected to reduce CO2 emissions during combustion by about 30% compared to general-purpose resins.

- It is easy to introduce biomass trays as a replacement of current plastic trays since the trays can be freely designed according to the shape of products.

\*Machine works regardless the material so that an option still remains to continue using the current plastic trays instead of biomass trays.

- Biomass trays are environmentally friendly since they contribute to reduce CO2 emissions when disposed as combustible waste. They also contribute to reduce the volume of garbage since they can be easily crushed by hand.



※ReseamST® is a registered trademark of KOBAYASHI Co., Ltd.

Technical Data	
Machine size	Dimensions: (L)2840mm×(W)1000mm×(H)1550mm Weight: Approx. 1000kg
Power Consumption	3-phase 200V 30A
Machine Capability	10 trays/min *Varies depending on tray size
Tray size (Packageable Dimensions)	(L)230-370mm, (W)160-300mm, (H)25-150mm
Optional Machine Internal Features / Integrations	Printing equipment, Print inspection cameras, System Inegration to MES(Manufacturing Executing System) or WMS(Warehouse Management System), etc.
Optional Machine External Features / Integrations	Product Feeding Conveyor, Hand Labeler, Barcode Reader, Robotic Automation for loading products

