valloon2

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Packaging machine that packages in optimal dimensions by measuring LWH (three side lengths)

- ☑ Improves transportation efficiency by reduceing packaging materials costs and shipping costs
- ☑ Reduces packaging costs by using base materials*

* Packaging materials are sold in rolls and package bags are formed in the machines, which contributes to reduce the packaging costs significantly compared to finished bags (envelopes, etc.)

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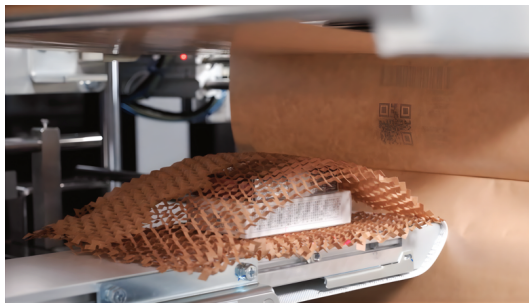
Each product can be packaged in its optimal size

- Optimal packaging which suit each product best are automated by measuring LWH dimensions (three side lengths: Length/Width/Depth).
- Both packaging material costs and shipping costs can be reduced by packaging small items in small sizes and large items in large sizes, which improves transportation efficiency.
- Siginificant cost reduction is expexted by using base materials for packaging.*

*Packaging materials are sold in rolls and package bags are formed in the machines, which contributes to reduce the packaging costs significantly compared to finished bags (envelopes, etc.)



Packaged products will be protected with kraft paper and paper cushioning materials which are environmentally friendly

- The machine does not use bubble wraps made of petroleum-derived film, but environmentally friendly paper materials.
- Geami (Geami RanPak), a global supplier of paper cushioning materials provided by Ranpak Holdings Corp., is adopted as a material of the paper cushioning, which is expected to reduce CO2 emissions during combustion by about 50% compared to bubble wraps.

The machine can be split to 2unit: only for kraft paper packaging and for cushuoning paper packaging.

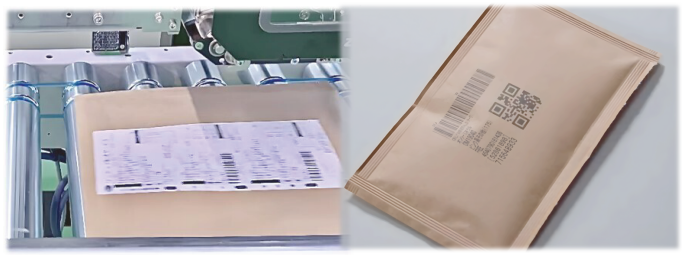
- Kraft paper packaging unit works if the the products are only clothes, which does not require cushioning paper, and cushioning paper packaging unit can also be utilized for wrapping small items such as accessories before loading into cardboards.
- The machine also corresponds to package multiple products/items.

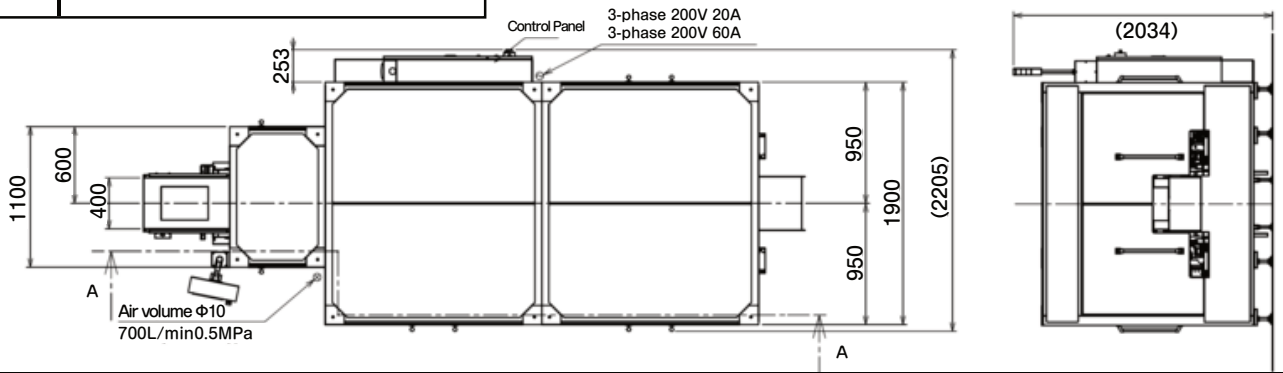
Optional Features

- The machine can be integrated to MES(Manufacturing Executing System) or WMS(Warehouse Management System), etc.
- Automatic labeler for shipping slips or 2D barcode printing and inspection machine can be attached.
- It is also possible to automatically supply products into the machine by utilizing collaborative robots.

Technical Data

Machine size	Dimensions: (L)5195㎜×(W)2205㎜×(H)1812㎜ Weight: Approx. 2000kg
Power Consumption	3-phase 200V 60A: Kraft paper packaging unit 3-phase 200V 20A: Geami packaging unit
Required Air Volume	700L/min0.5MPa (φ10mm urethane tube connection)
Machine Capabiity	Max. 12 bags/min *Varies depending on tray size
Packable Dimensions	(L)50-580㎜, (W)20-300㎜, (H)2-120㎜
Package Finishing Dimensions	(L)151-740㎜, (W)211-460㎜, (H)5-130㎜





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