

ZH500 Cartoning Machine



ZH500 is the fastest Continuous Motion Cartoning Machine in our company. It is suitable for pharmaceuticals, food, household chemicals, hardware, and electrical industries for the packaging of blisters, bottles, vials, pillow packs, toothpaste, etc. It can fold leaflets, open cartons, insert the products and leaflets into cartons, emboss, tuck-in, or hot-melt closures and automatically discharge cartons.

The machine is equipped with a series of sensors and automatic protective devices to assure the machine runs safely and effectively.

It can connect with the Blister Machine, Pillow Packaging Machine, Shrink-Wrapper, etc., to form a Packaging Line.

It is the best choice for mass production.

Main units of this Cartoning Machine:

Gear Device:

The gear drives the carton conveyor chain and blister cards conveyor chain running in continuous motion.

Carton Conveyor Chain:

The carton conveyor chain is used to transfer opened cartons to every station, which can automatically complete the actions of inserting blister cards and leaflets into cartons, embossing, closing of cartons, discharging cartons.

Leaflet Conveyor Chain:

The leaflet conveyor chain is applied to send folded leaflets to the blister feeding station then the leaflets and the blister cards are inserted into cartons together.

Rotary Carton Pick-up Device:

The rotary carton pick-up with four sets of suction cups can suck the cartons from the carton magazine, open the carton, place it on the carton conveyor.

Leaflet Folding Device:

The leaflet folding device can make the leaflet fold one to four folds according to the customer's demand.

Insertor Device:

The inserter device can push the blister cards into the carton in continuous motion. This cartoning machine is truly ergonomic thanks to the innovative design whereby the product inserting device is placed at the rear; The conventional cartoning machine's inserting device is placed at the front side, where it protrudes from the operation side and is less ergonomic.

Carton Magazine Device:

Adopt a long carton magazine for approximately 1000 cartons.

Technical Parameters

- Max.Output: 500 cartons/min.
- Range of Carton Size: Max.200x90x60mm Min.75x30x15mm
- Machine Power: 11kw
- Machine Dimension: 5600x1700x2100mm
- Machine Weight: 4300kg