

Automatic Case Packer KZF-550



KZF-550 automatic vertical carton all-in-one packing machine is new development equipment by our company which combine advanced technology at home and abroad. Machine consist of carton unfolding system, carton filling system and carton sealing system etc. PLC and HMI operation system, finish the packing process by servo motor mechanism. Machine is suitable for all product in different specifications, it can be used stand-alone or online with the front-end packaging machine to complete the production line.

Machine can stack or rank the different product automatically according to the requirement of quantity. After stacking, the robot will fill the packaged product into carton, then go into carton sealing system to seal the carton. User can add power roller lines back end according to requirement, so that it can connect labeling machine and baler as production line.

Technical parameter

Carton size: Length 300~680
Width 200~600
Height 200~550

Air pressure : 0.4~0.6mpa

Compressed air flow : 80L/min

Grab speed : less than 12times/min

Machine dimension : 4004×2565×3500(L*W*H)

Power : 380V/220V 50HZ

Weight : 2100KG

Total Power : 3.2KW

Working principle

Machine connect front-end equipment with conveyor, conveyor push packaged product into collating device and rank them according to requirement. At the same time, carton unfolding swing vacuum chuck absorb the carton from carton stock. Unfold the carton and seal the bottom, then manipulators grab the ranked packaged product into carton (once or many times). Finally into carton sealing device to seal the carton, output the finished carton.