HS-60L Automatic Cartoning Machine for Small Box

Work Principle and Features

1. For bulk materials like screws, hoodless, chocolate balls, it can achieve quantitative cartoning and automatic counting;
2. Servo/stepper motor, touch screen and PLC programmable control system adopted; HMI simple and convenient to operate; high automation degree and humanization;
3. Sensor automatic tracking and detecting system adopted to avoid the operation of empty cartons, so as to massively save packing material;
4. Wide packing range and easy adjustment to realize the swift switch between different sizes of cartons;
5. There is no need to change any mould while changing the carton size; what you need to do is just adjust the values;
6. Able to work together with robot arm/manipulator to realize automatic encasing or just manual encasing;
7. Tilt-up protection hood available as per customer's requirement;
8. It can be linked to bagging machines, bottling machines, filling machines, labeling machines, coding machines, on-line weigher and many other machines to fulfill the production requirement of the complete line;
9. Various types of automatic feeding and encasing system can be designed as per the actual requirement of the product;
10. Hot-melt glue applicator optional for the sealing of cartons and mechanical brush gluing for sealing.

Technical Parameters

Model	HS-60L
Power supply	AC 380V 50Hz
Main motor power	3KW
Cartoning speed	20-60 cartons/min
Air consumption	120-200NL/h
Pressure	0.5-0.8 MPa
Requirement on cartons	300-400 gram/m^2(according to carton size)
Cartoning size	Maximum 250L*250W*110H mm Minimum 105L*70W*25H mm
Overall dimension	Mainframe 4200L*1400W*1650H mm
Machine weight	Approx. 1450 kg