

## *Volumetric Packaging Machine Helix System Concord 1-S*



### **Technical Specifications:**

- Production capacity is 35-55 envelopes per minute (depending on the nature of the product and the quality of the rolls used)
- Envelope dimensions (on request)
- The envelope shape is a three-sided welded pad.
- Weight (on request)
- All parts contacting the material are made of 304 stainless steel.
- It has a very easy mechanical system 7 miles for adjusting.
- The machine is equipped with protective doors made of transparent glass fiber from all directions.
- The machine is equipped with a color touch screen control panel to control all movements of the machine electronically; also, the screen has 3 languages on request.
- The machine is controlled by a sophisticated and responsive minicomputer (PLC) and can be programmed and adjusted online.
- The brand is Korean LC.
- All pneumatic parts including fuses and pistons are from the German company FESTO or SMC of Japan bearing CE mark.
- Temperature gauges are the Korean AUTONICS brand with advanced and precise control system.
- The machine speed control inverters are Korean LS brand bearing the CE mark.
- Push buttons, circuit breakers and switches are from the French company SCHNEIDER.
- The machine packs all thermal rolls except polyethylene (PE).
- All gear hubs are squaring for non-corrosive and are made of chrome to work 24 hours.
- The machine operates with a pneumatic system, pressure 7 to 8 bar and capacity of 300 L/min, and a very easy mechanical system.

- The machine is equipped with a 3-horsepower motor + Italian gearbox + an inverter for the packaging set.
- The machine is equipped with a color photocell set to control the length of the product electronically, 1 set, SICK brand, manufactured in Germany.
- All electric parts, pistons, motors, inverters, PLC and photocells bear CE mark.
- The machine is equipped with a tool kit with various maintenance and spare parts.
- A detailed electrical diagram is attached with the machine.
- All motors are equipped with switches, protective relays, as well as inverter protectors.

### Technical Specification:

Filling system	Volumetric 6 cups
Products	Fame. milk powder. spices. Coffee
Working System	Penumatic
Weight accuracy	02 - 10 g
Weight range	50 -1000 g
Bag wldth	70 - 200 mm
Control system	PLC System LS Brand High Speed
Control screen	LDC touch colored screen LS Brand with three languges
Packing speed	30-50 bags/min
Packing material	OOP , CPP , PET , all but PE
Gear box	VARVEL brand-ITALY
Motors	CAMAK brand -TURKEY
Electric parts	SCHNDIDER , LS , AUTONICS , SICK
Electrclcty	380 V , 50 HZ
Power requirments	10 KW / 19 A

Dimensions	
Length	4.10 m
Display	3.10 m
Height	3.70 m