SKP-4 Four Lanes K Cup Coffee Capsule Production Line

SKP-4 High Speed k-cup Filling Seailng Machine is a fully automatic k-cup filling sealing machine. It is equipped with a lot of sensors for detecting, so our k-cup filling sealing machine can smartly decide how to respond to the presence or absence of cups, lids, coffee, air pressure, temperature, position, etc. We adopt Schneider Servo Motor to control filling, which make the powder filling accuracy can reach +-0.2gram. For our k-cup Filling Sealing Machine, All electronic and pneumatic component brands used in the construction of this machine are highest quality name brands globally known in the industry manufactured in countries such as USA, Japan, Germany and France. Rugged constructed to guarantee a long service life. Most of the body is built with stainless steel 304 and food grade stainless steel (SS316) is used for all parts in contact with products

Main function:

●Vertical capsules dropping system to put empty k-cup capsules into the molds.
●Sensors to detect if no capsules on molds, No filling and No sealing
●Nitrogen gas flushing begin
●Servo Motor controlled filling and Nitrogen flushing (Vacuums coffee feeder or screw lifter to feed coffee automatically)
●Nitrogen flushing tunnel
●Outside Aluminum/plastic film cutting and sealed (No extra Edge)
●Pneumatic output (Can connect with storage tanks or the conveyors)

Technical Parameters:

Machine Parts	All the product contact parts are stainless steel AISI 304. The machine is constructed of stainless steel, anodized aluminum and plastic
Certification	CE, FDA, CSA, ISO 9001, SGS
Product Material	Ground coffee, milk, tea powder
Sealing Style	Die-cutting aluminum foil or Roll film
Production Capacity	160-200 capsules per minute
Coffee Feeding	Servo driven auger filler
Filling Weight	10-15g
Dosage Accuracy	±0.15g
Power	3 phase 220/380V 50/60HZ 7.5KW
Air Pressure	0.6Mpa-0.8Mpa
Air Consumption	0.6m^3／minute
Weight	1700Kg
Dimension	4824mm x 2323mm x 2398mm
Drawing	Attached below