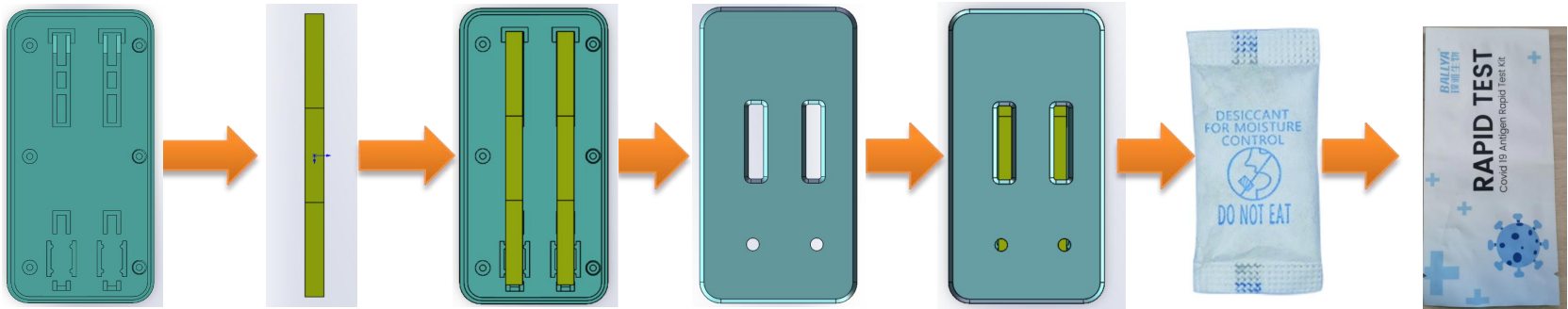


Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

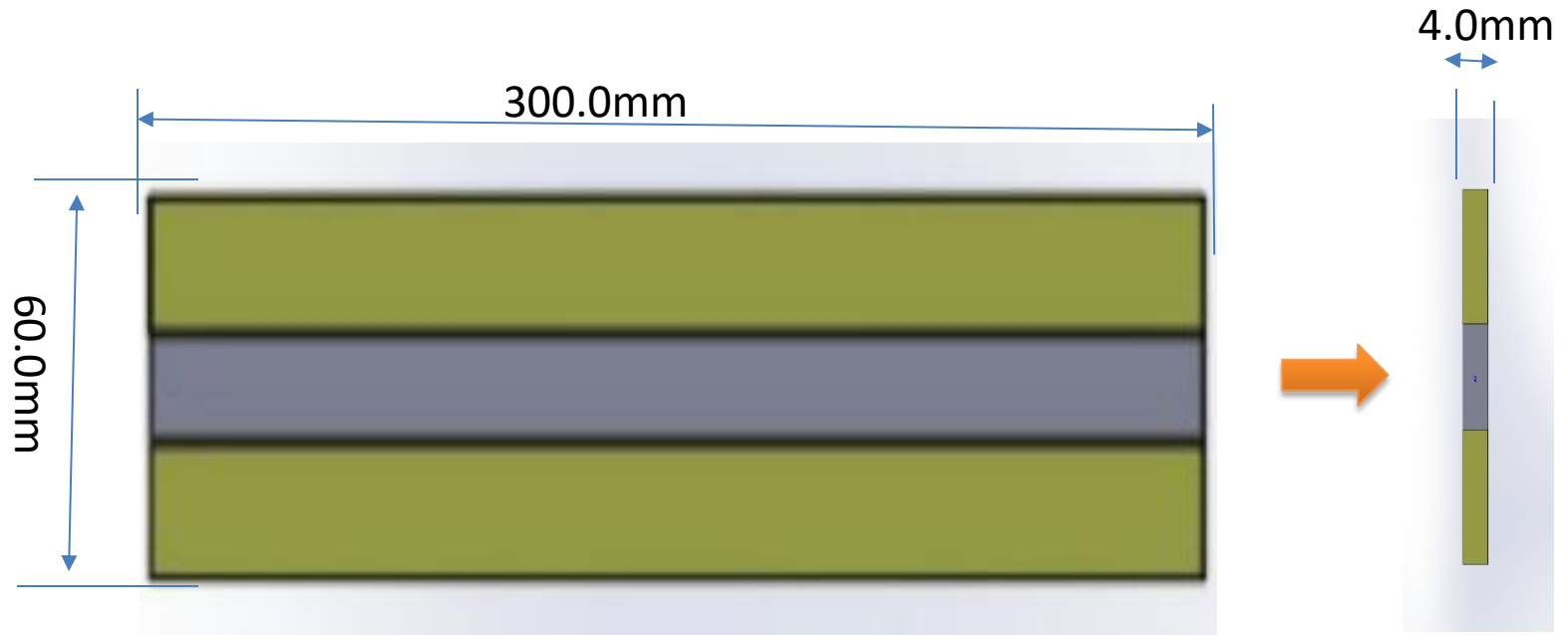


Work flow:

1. Cassette bottom feeding by conveyor (instead of bowl)
2. Cutter 1, remove NG strip, insert strip 1 into channel 1, CCD inspection
3. Cutter 2, remove NG strip, insert strip 2 into channel 2, CCD inspection
4. Cassette cover feeding by conveyor (instead of bowl)
5. Cassette pressing
6. Laser printing on cassette (text, logo, bar code, qr code, etc.)
7. Send to pouch packing machine
8. Foil bag feeding
9. Desiccant feeding (roll format)
10. Insert cassette and desiccant into foil bag
11. Sealing foil bag
12. Output

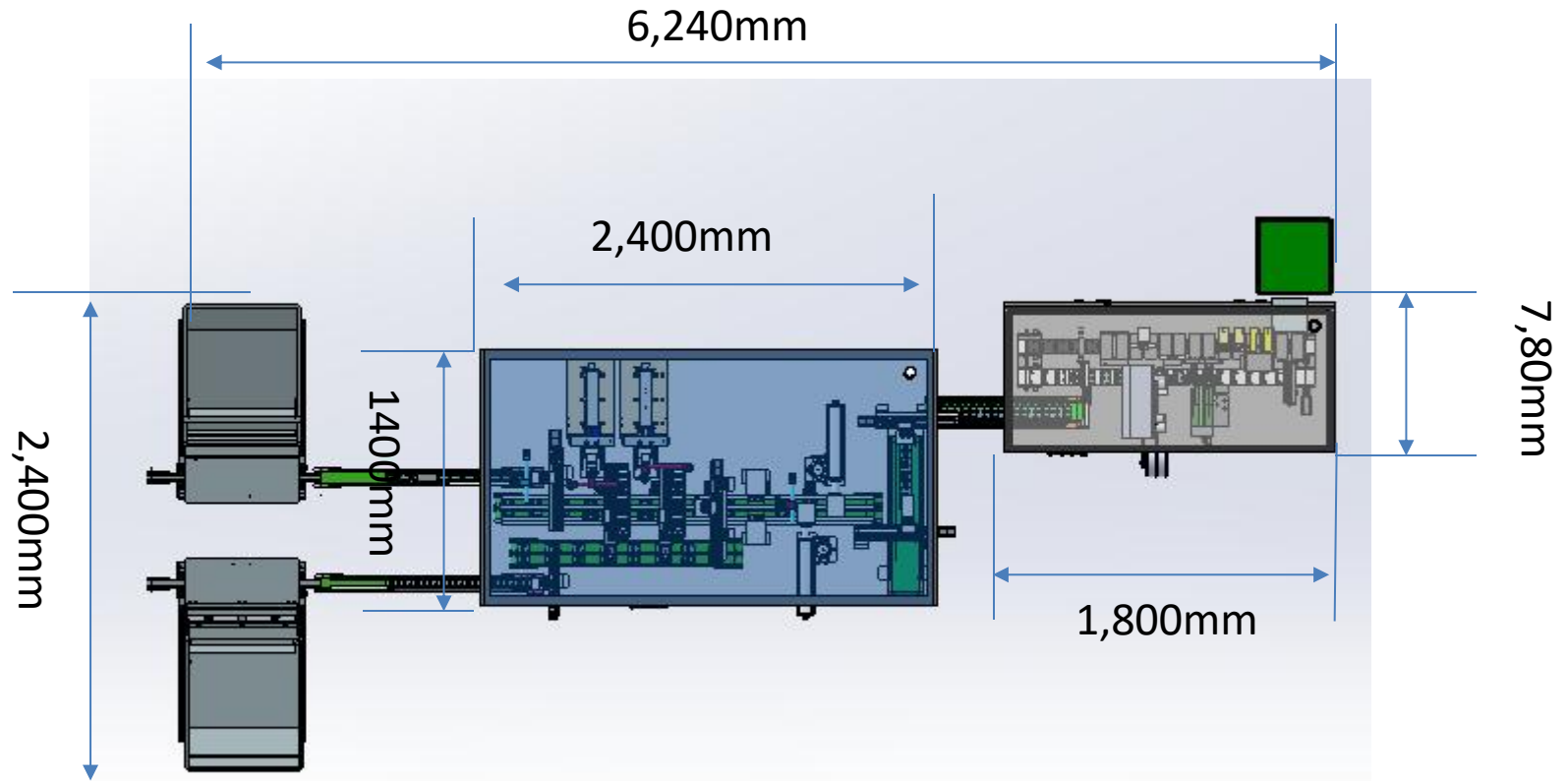
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Uncut sheet & strip



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Dimension

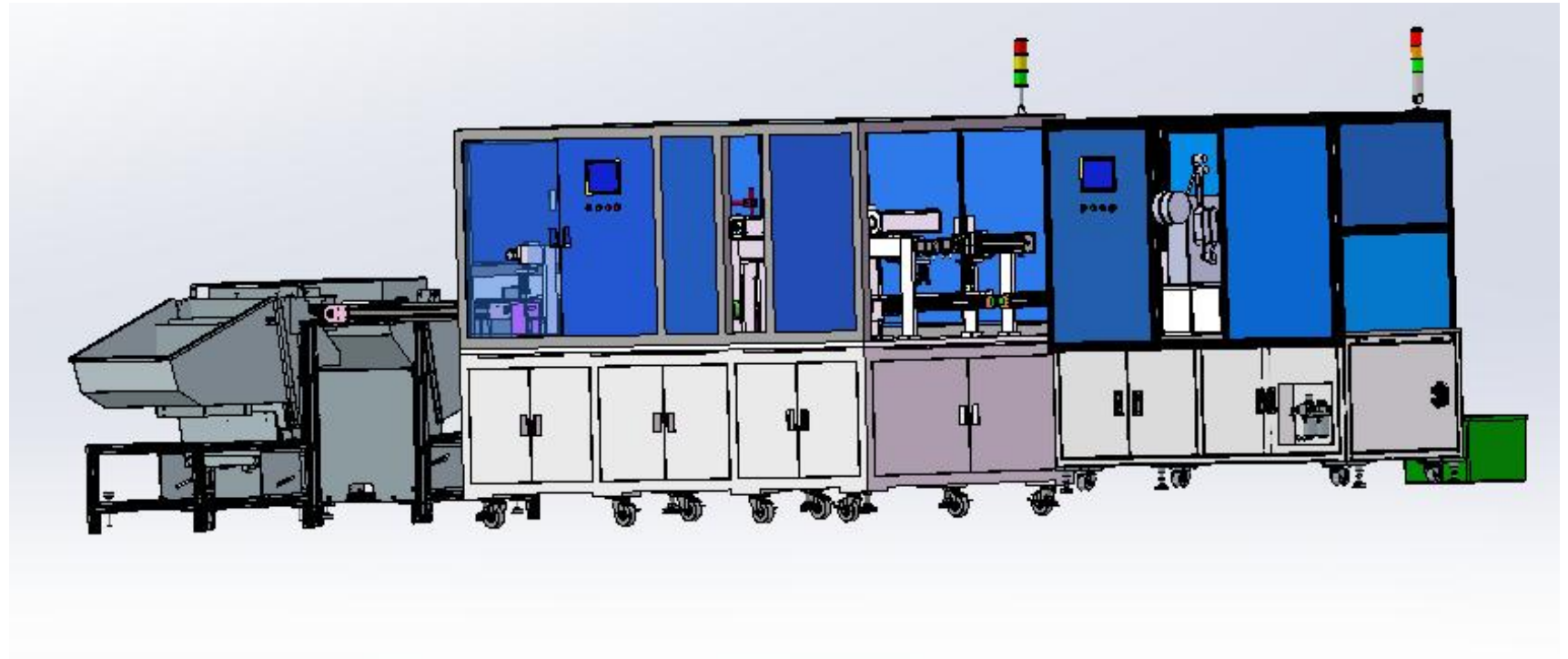


All data maybe changed according to final design

Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

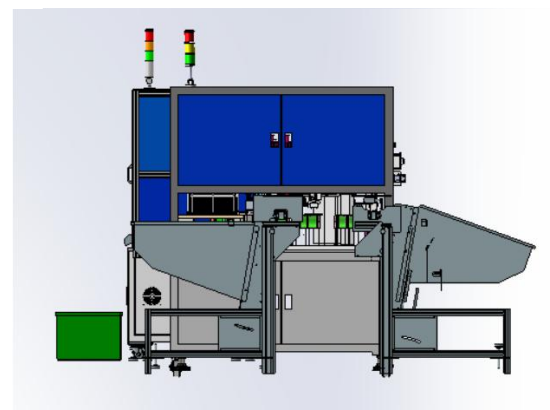
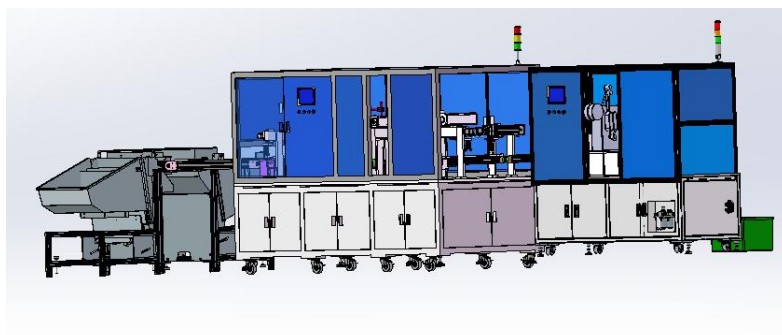
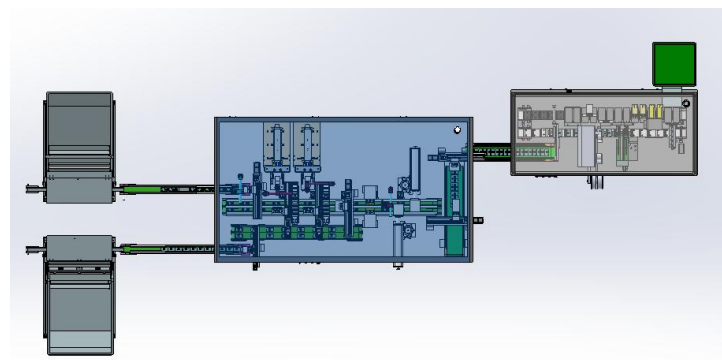
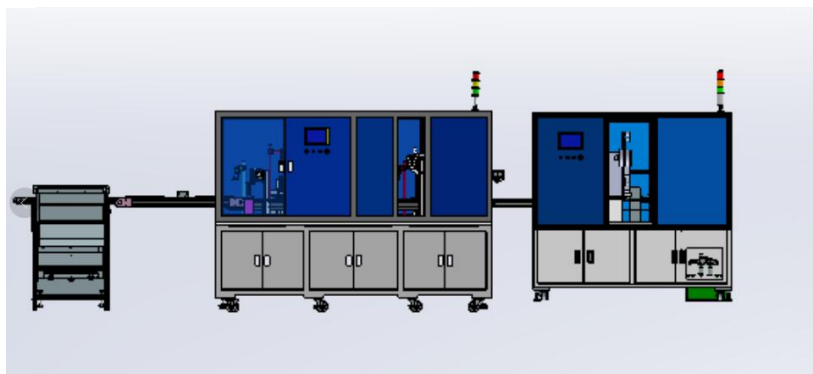
Overview



Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

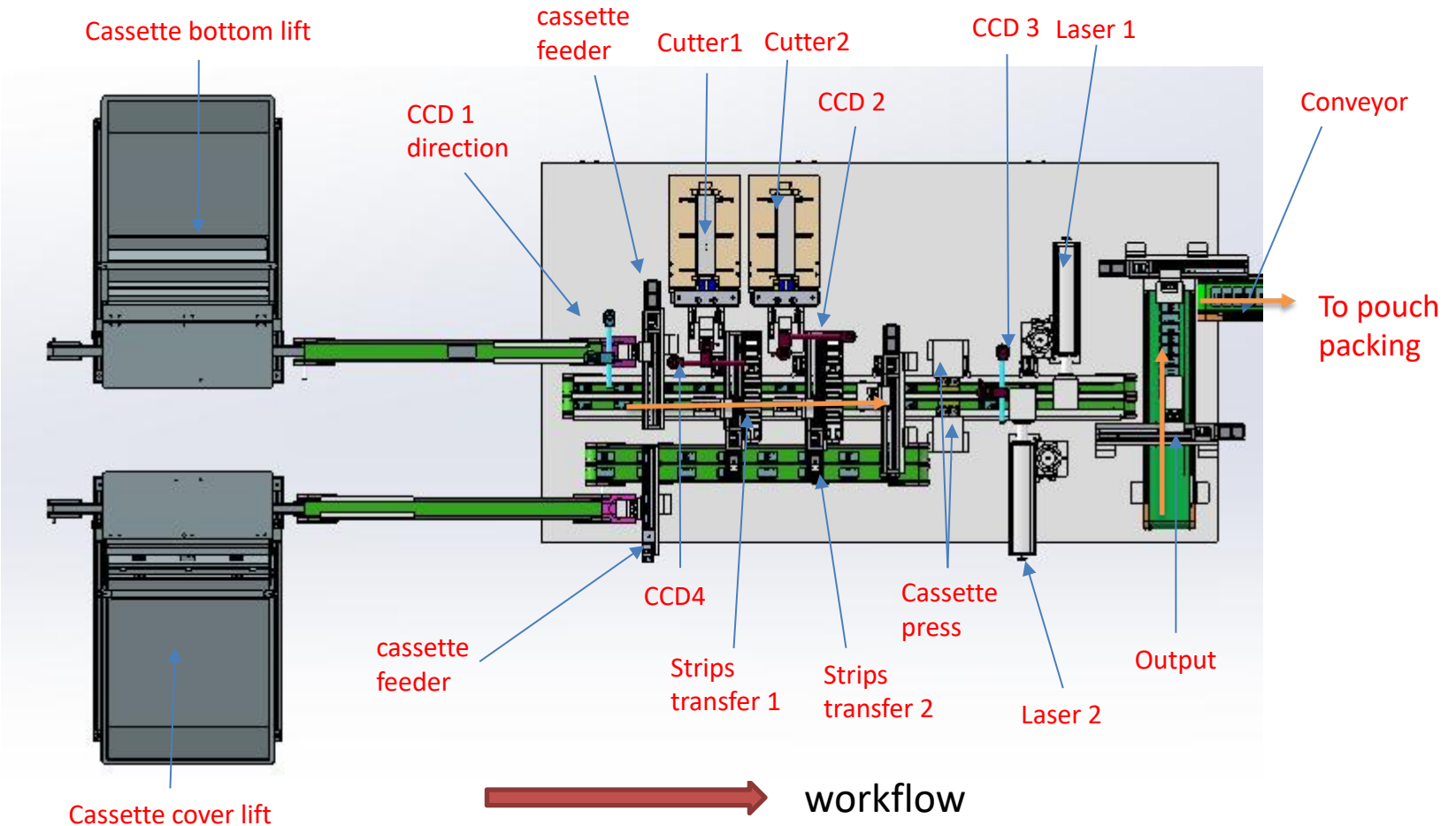
Overview



Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

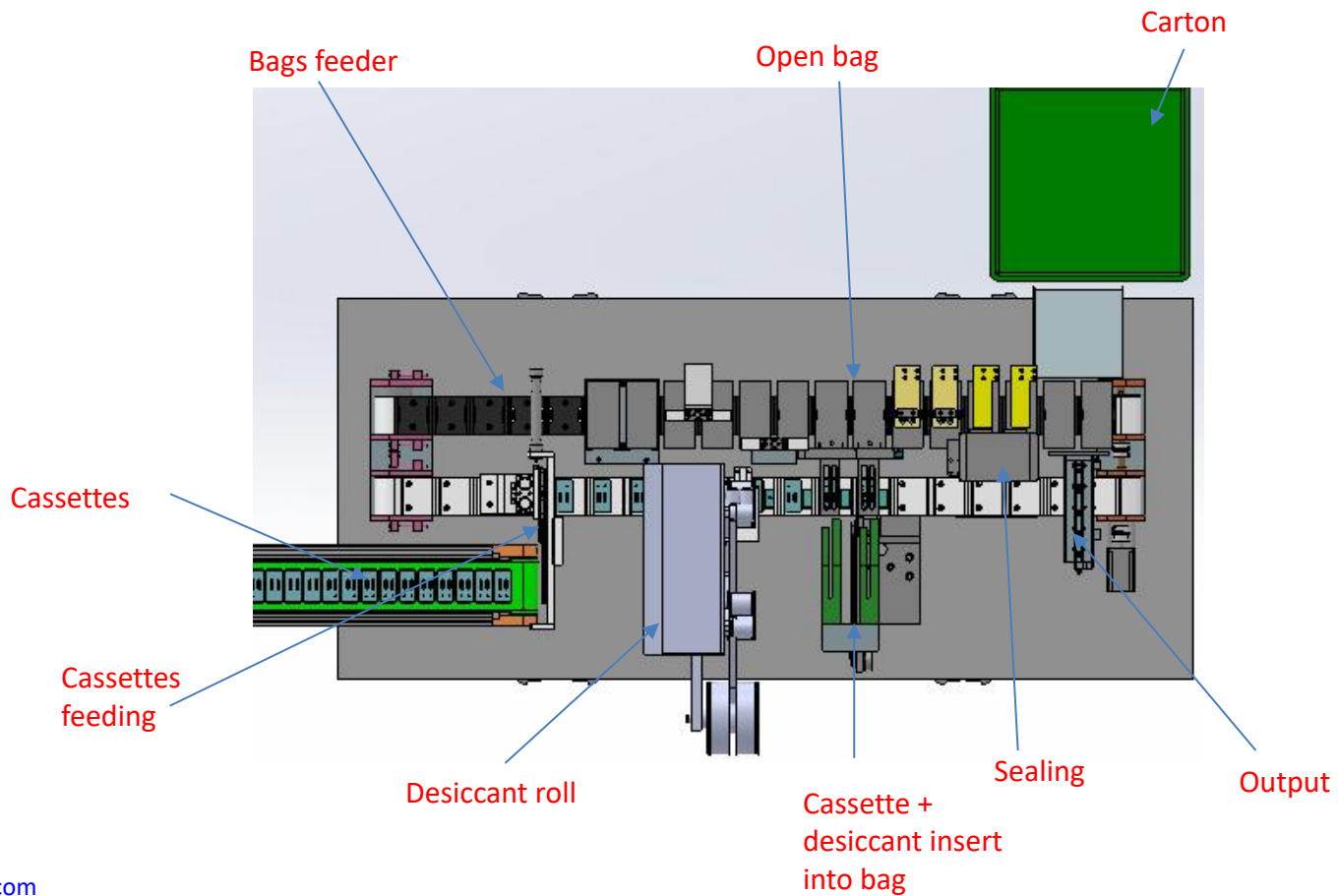
Rapid Test Assembly Machine



Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

Pouch packing machine

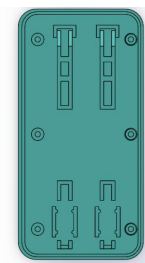
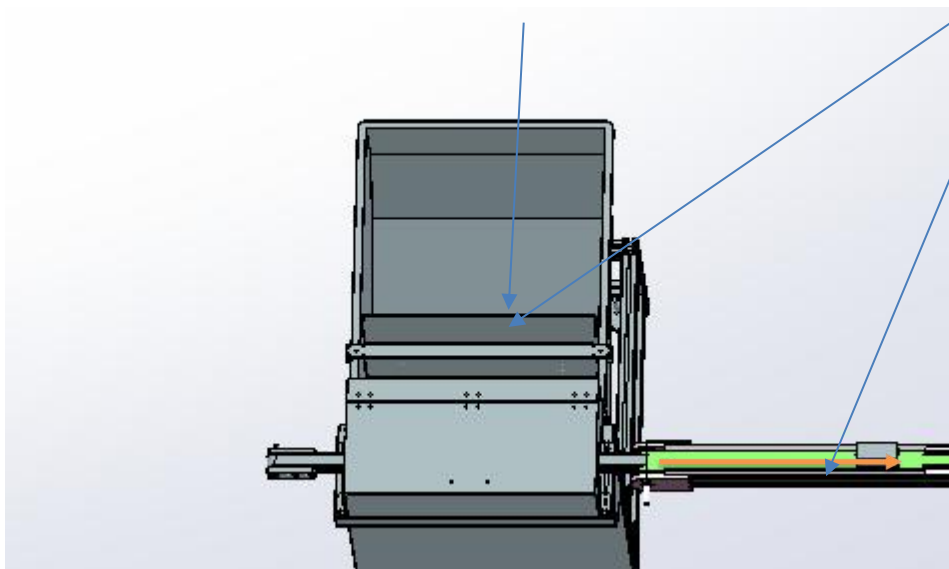


Rapid Test Kit Assembly Machine

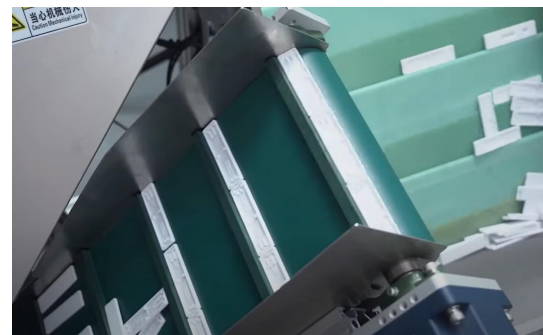
Multiple Strips In One Cassette

Cassette feeding

Cassette bottom lift

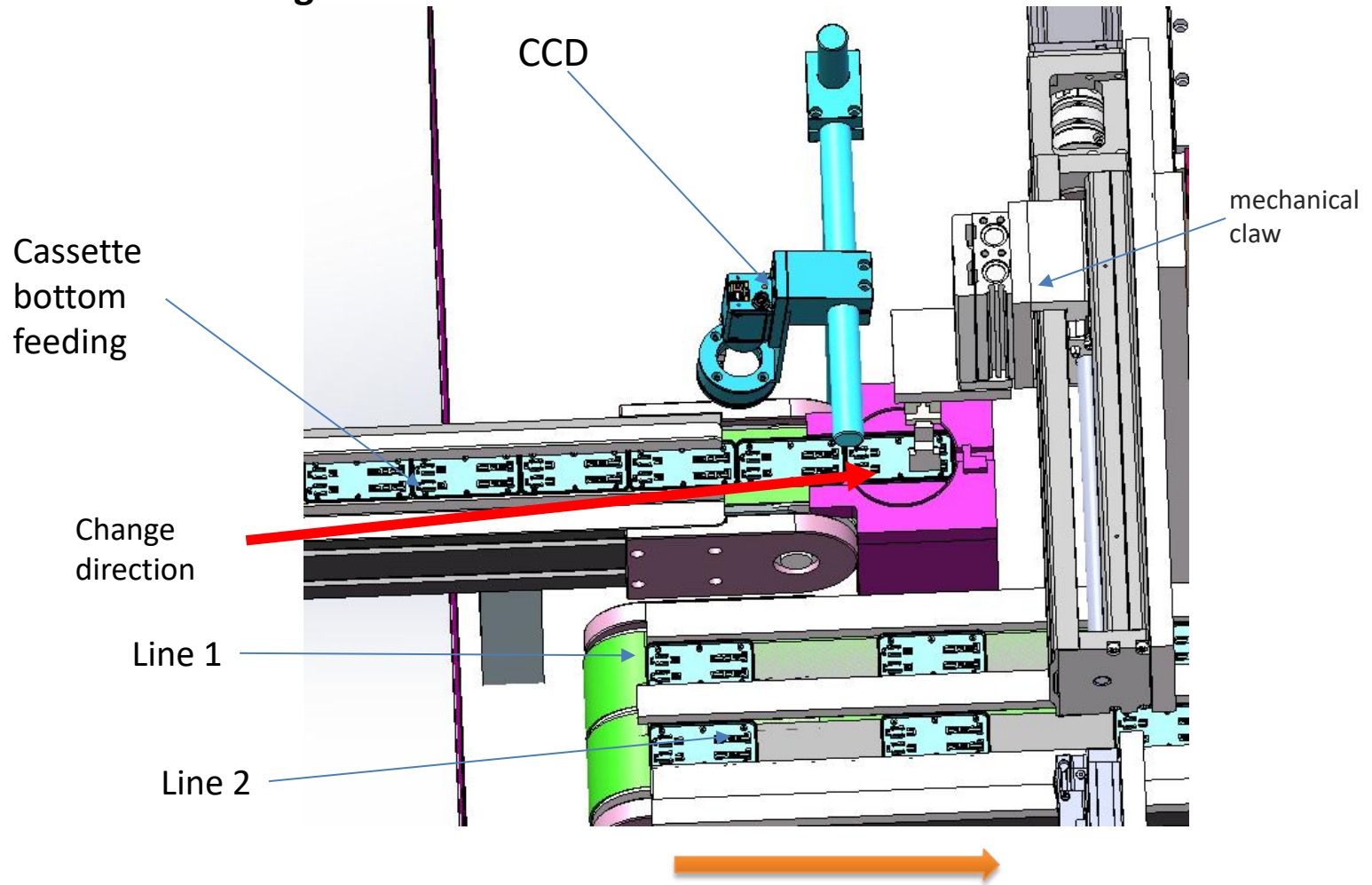


Conveyor



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

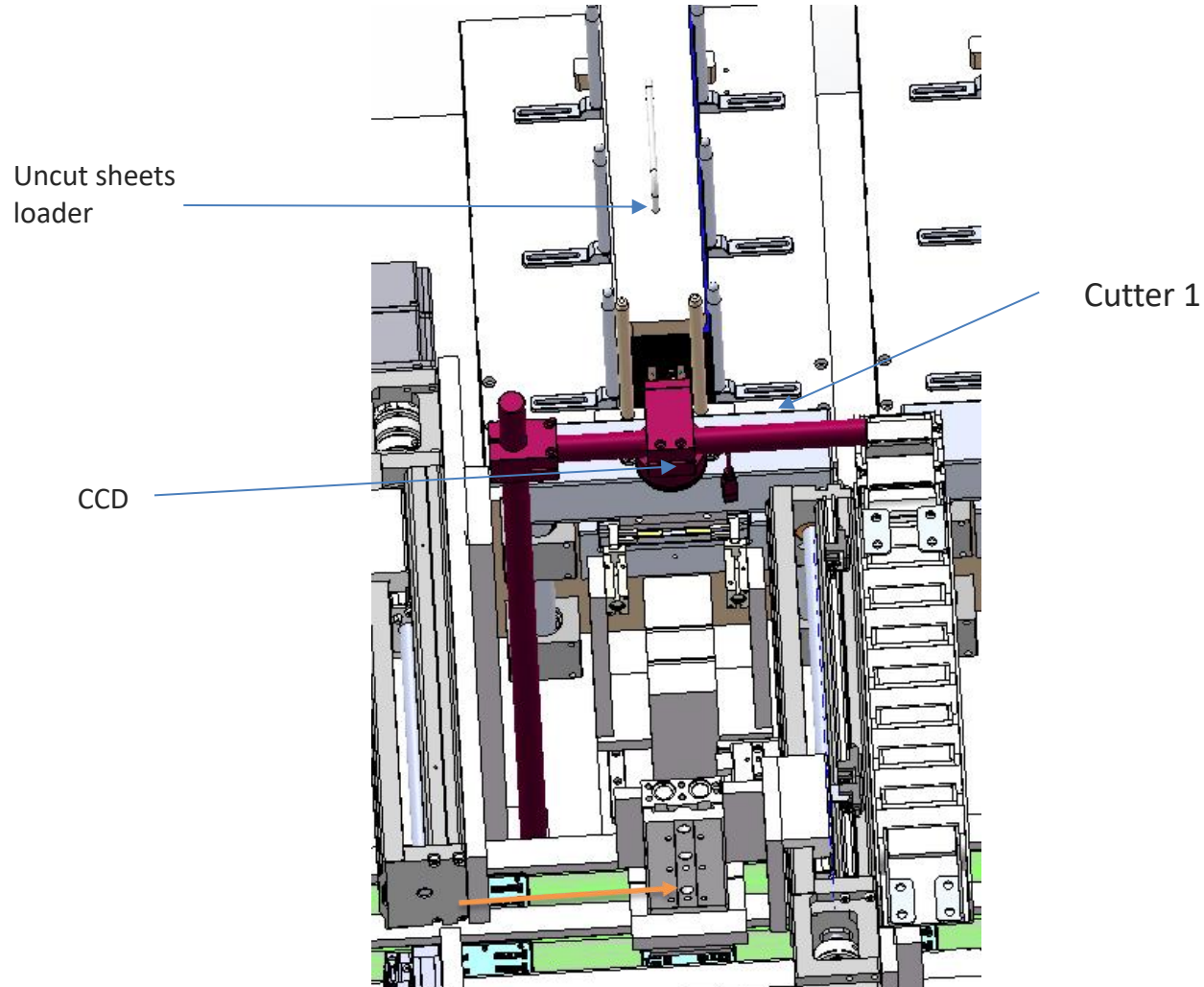
Cassette feeding



Rapid Test Kit Assembly Machine

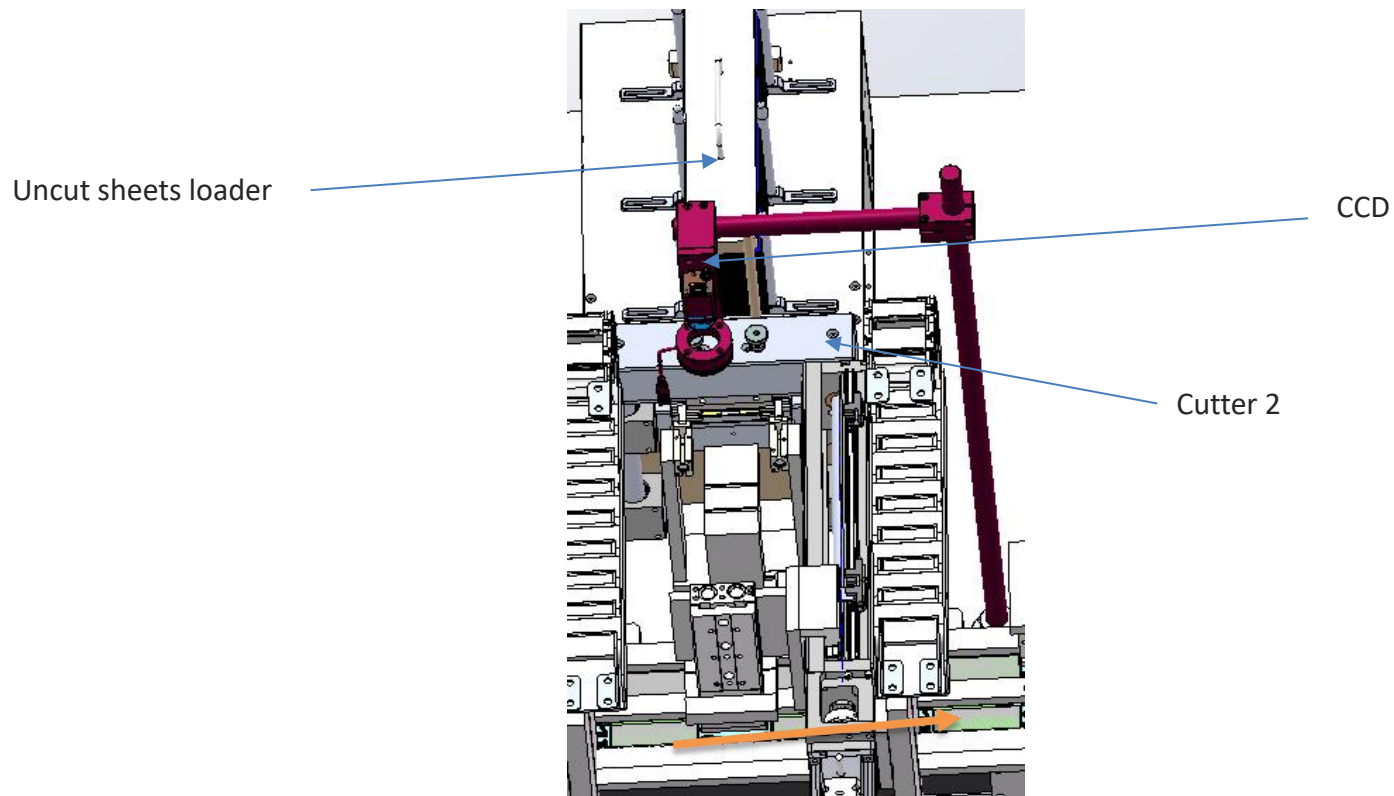
Multiple Strips In One Cassette

Cutter 1



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Cutter 2

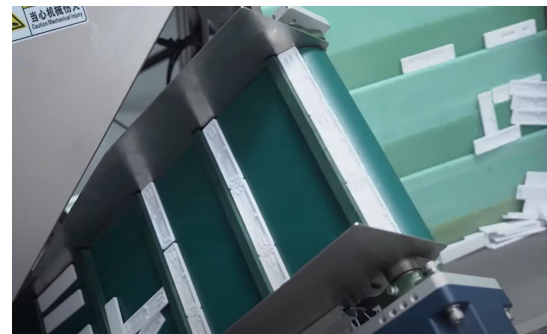
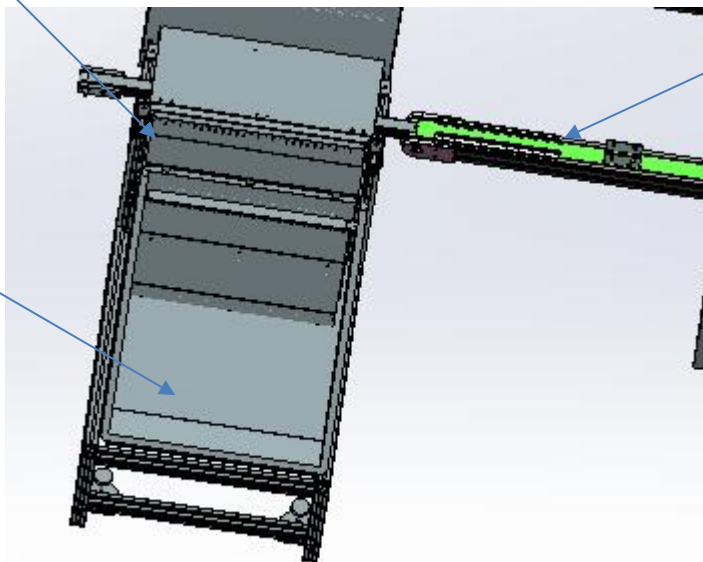
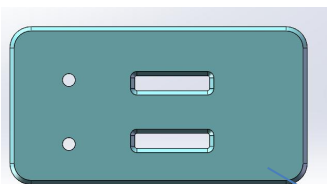


Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Cassette feeding

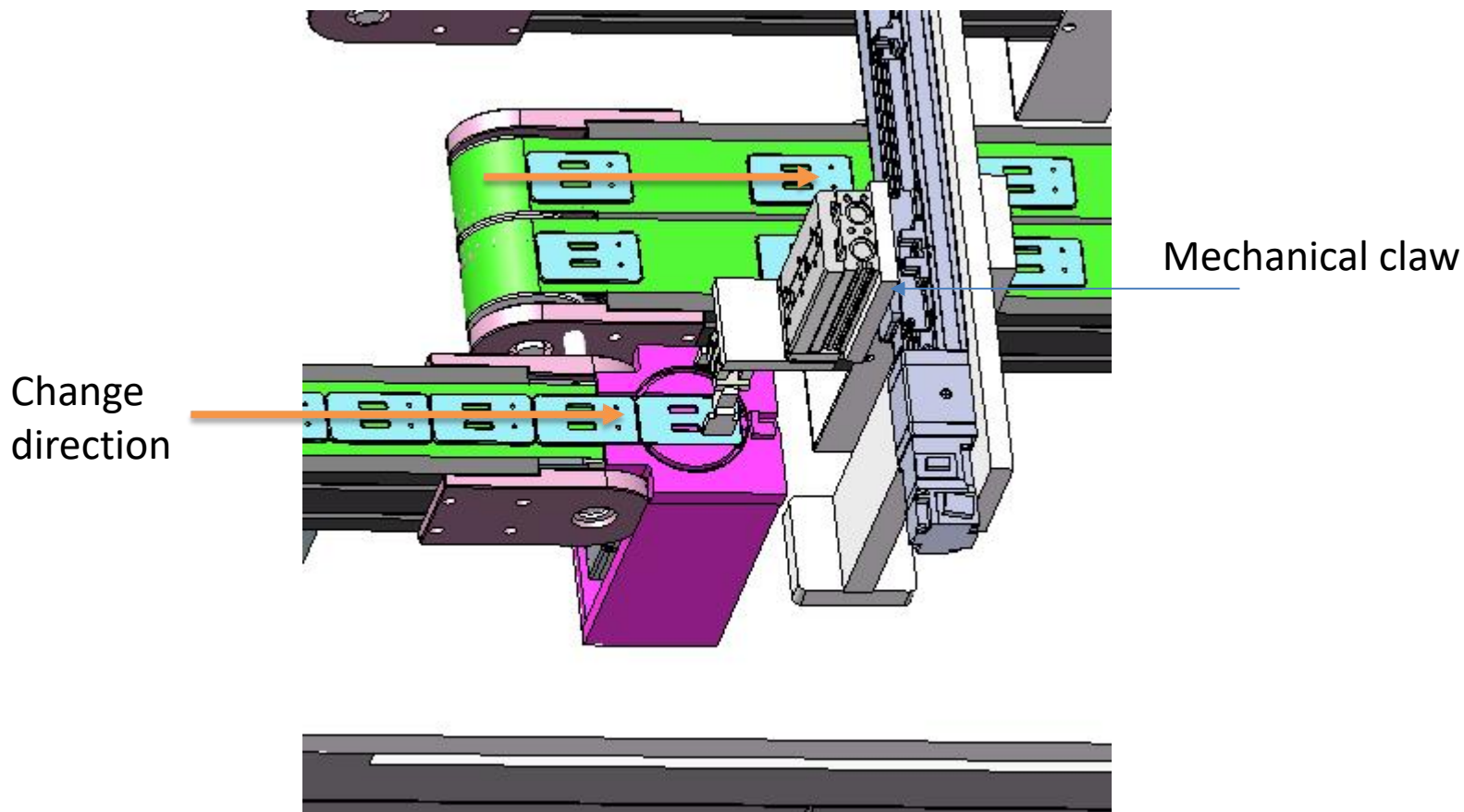
Cassette bottom lift

Conveyor



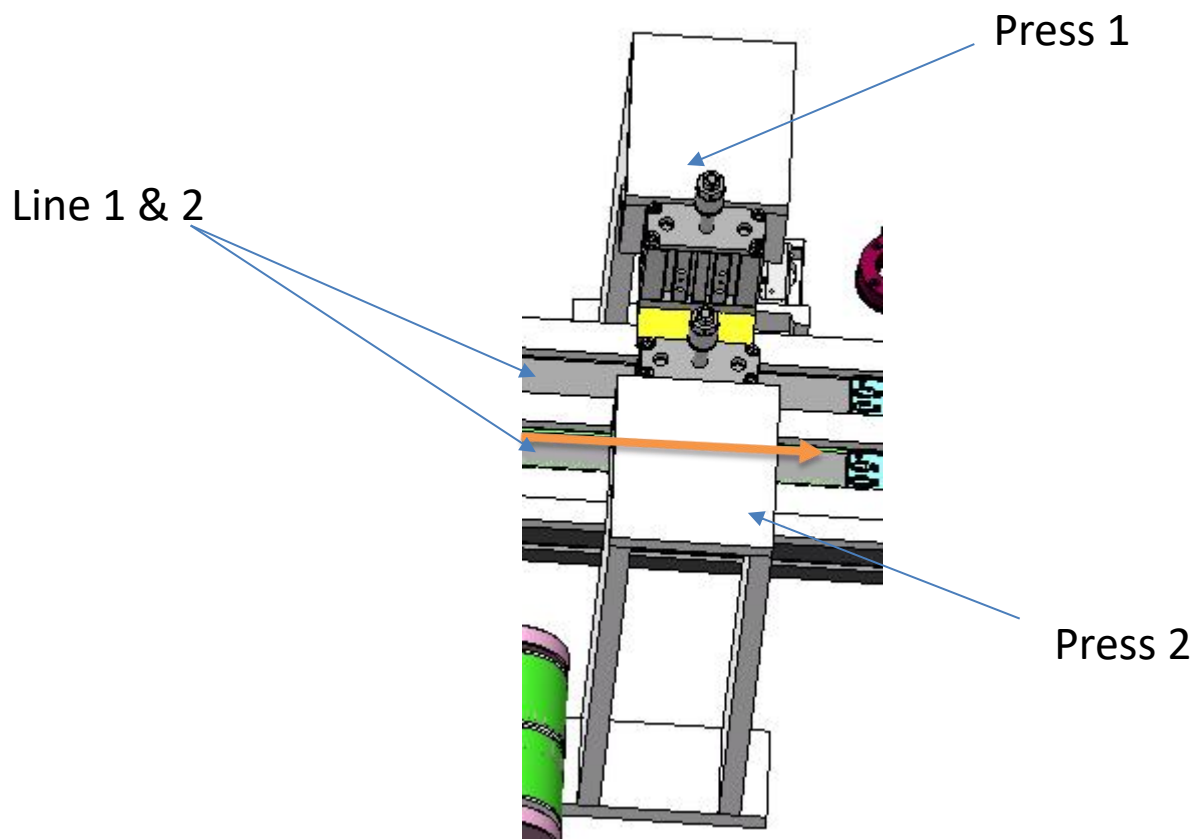
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Cassette feeding



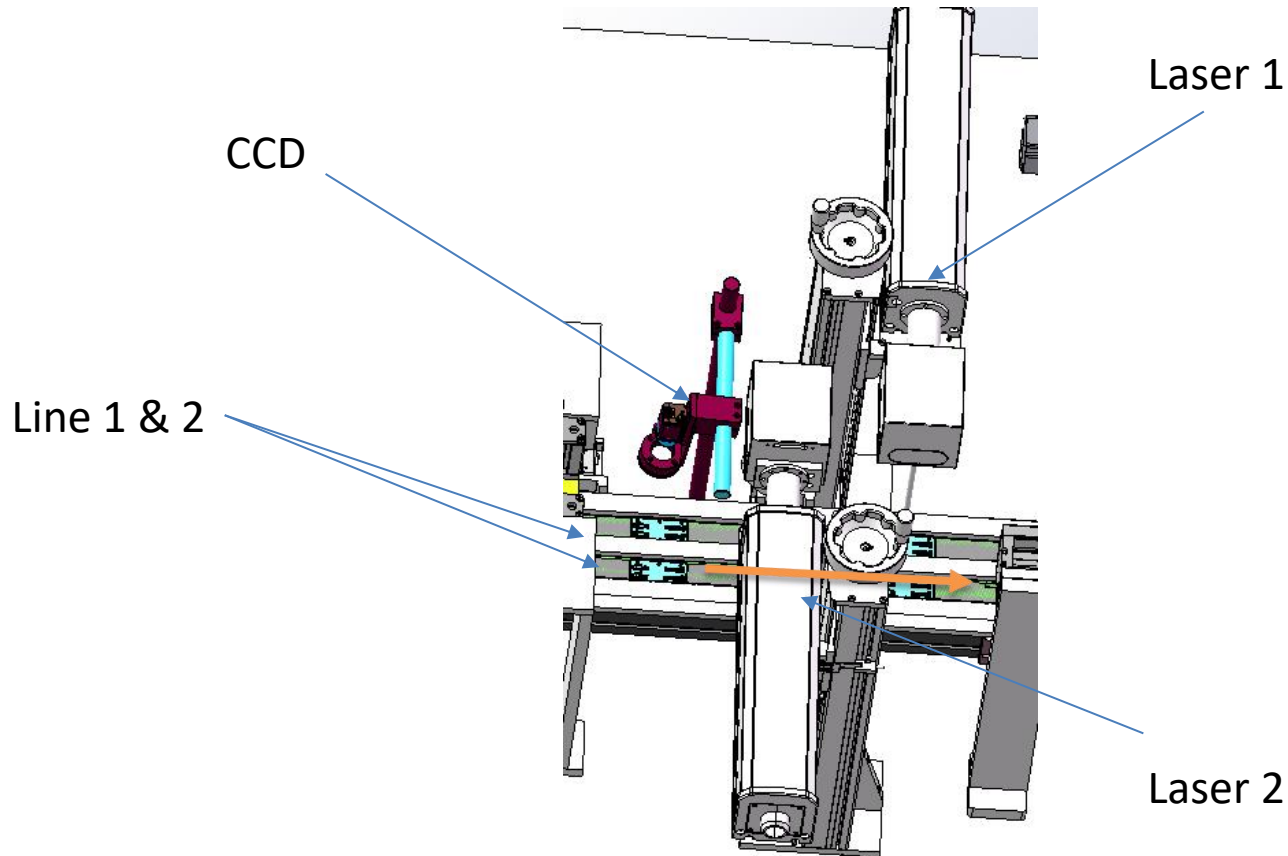
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Cassettes pressing



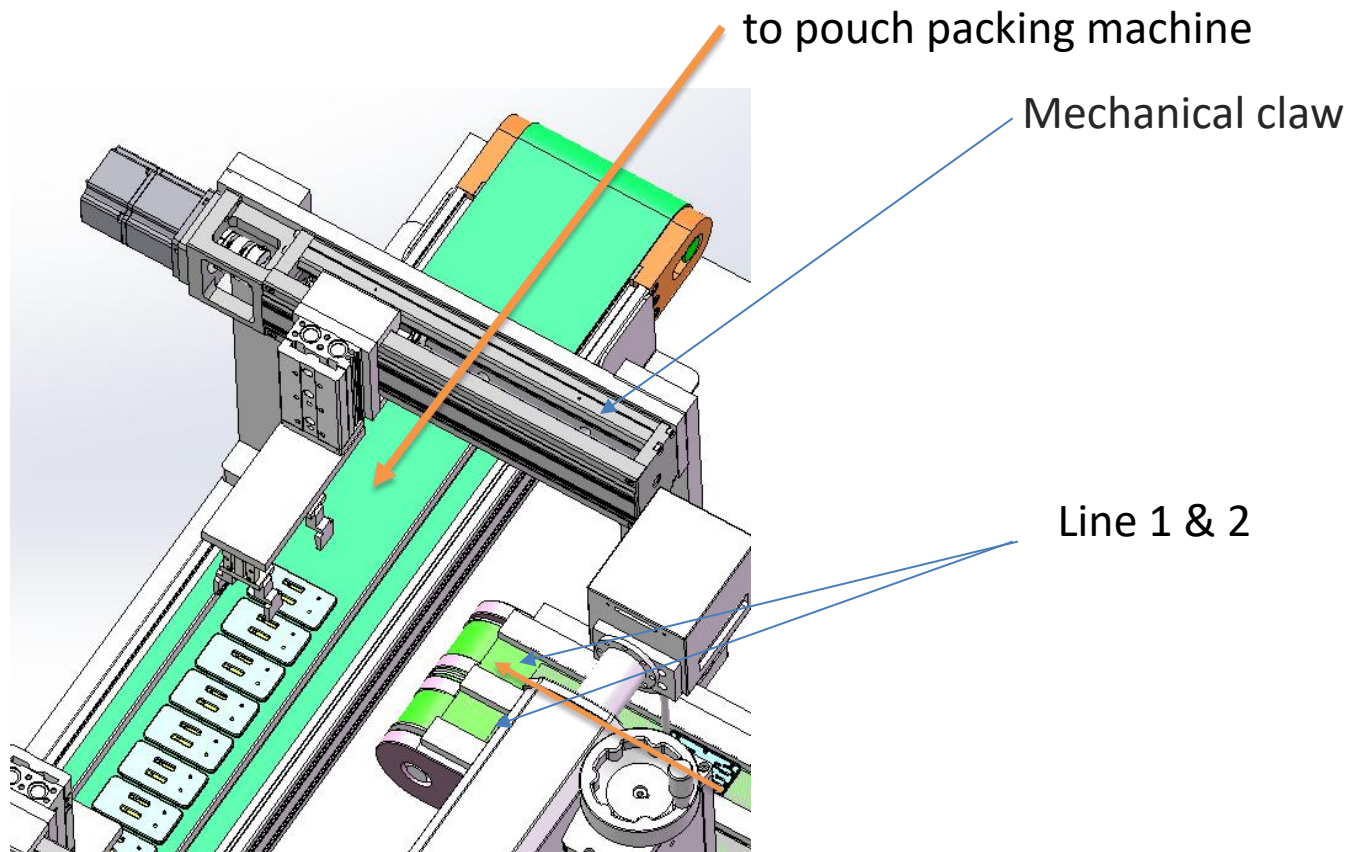
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Laser printing



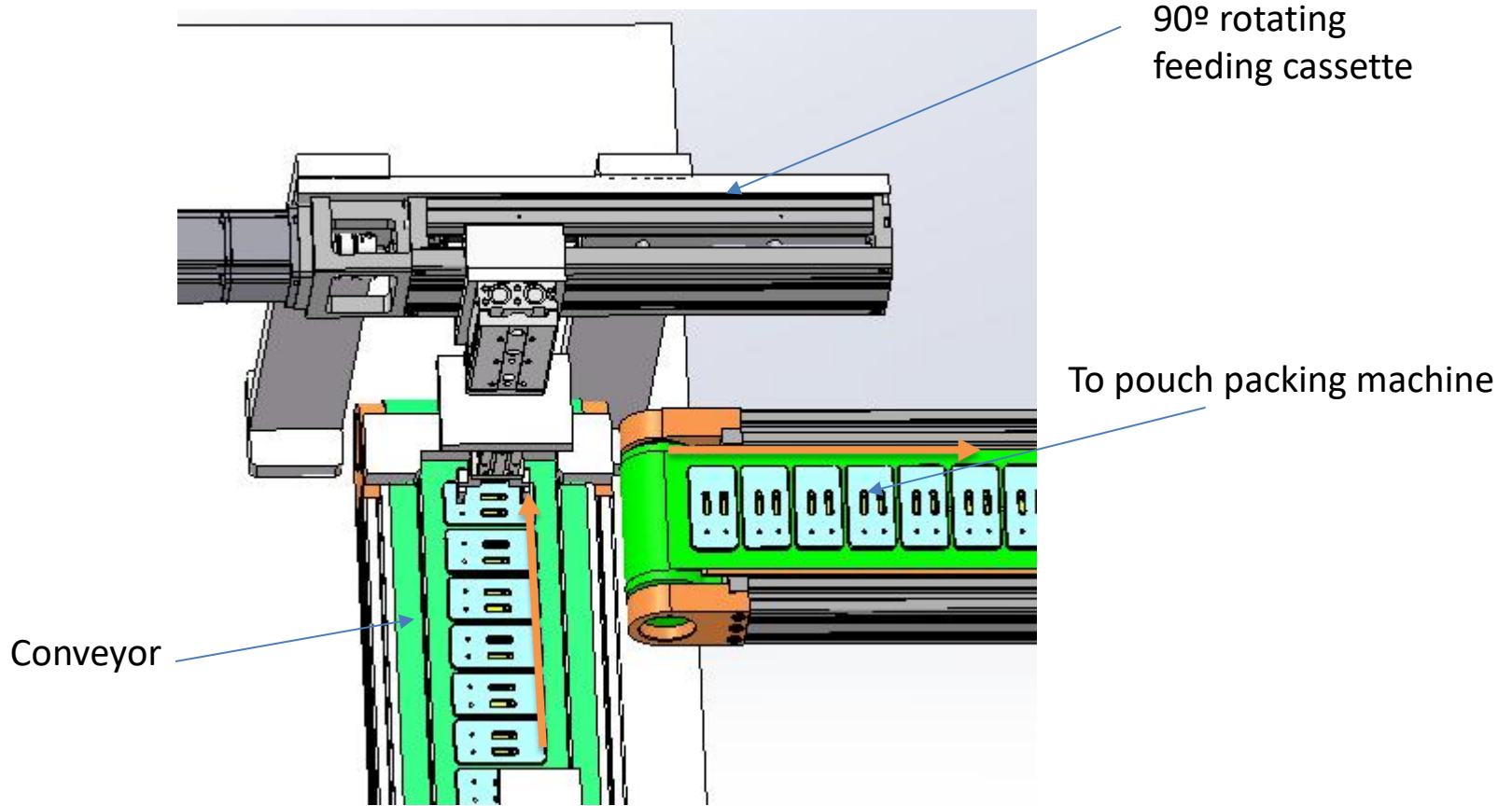
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Output



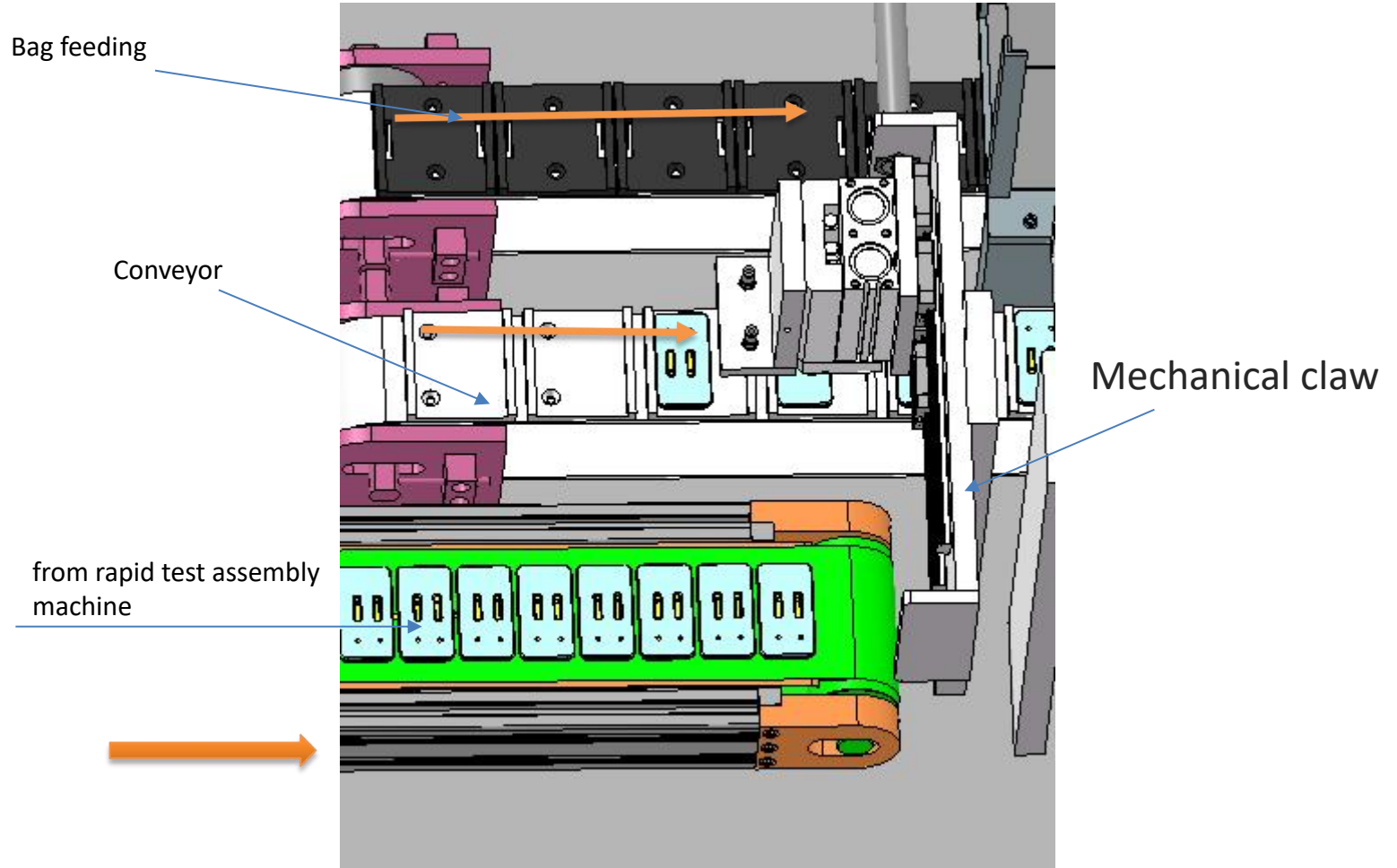
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Output



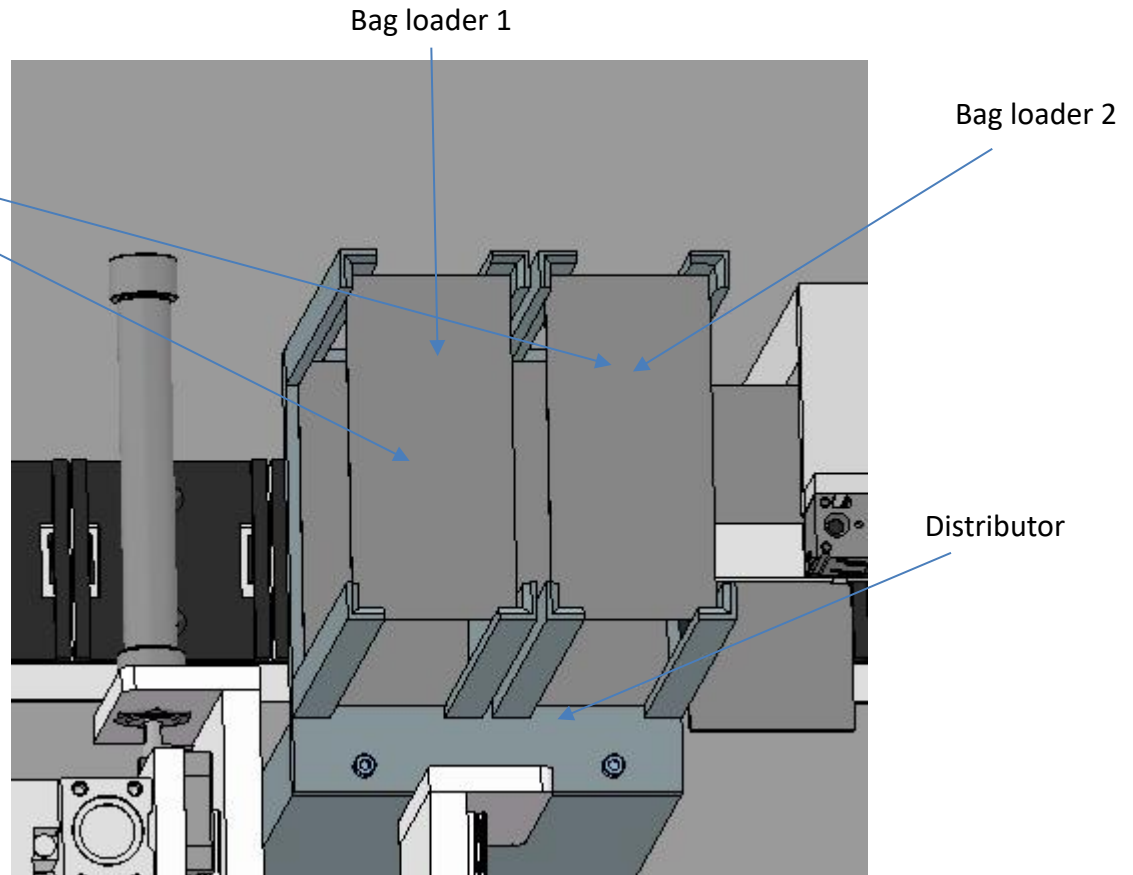
Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Pouch packing machine



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

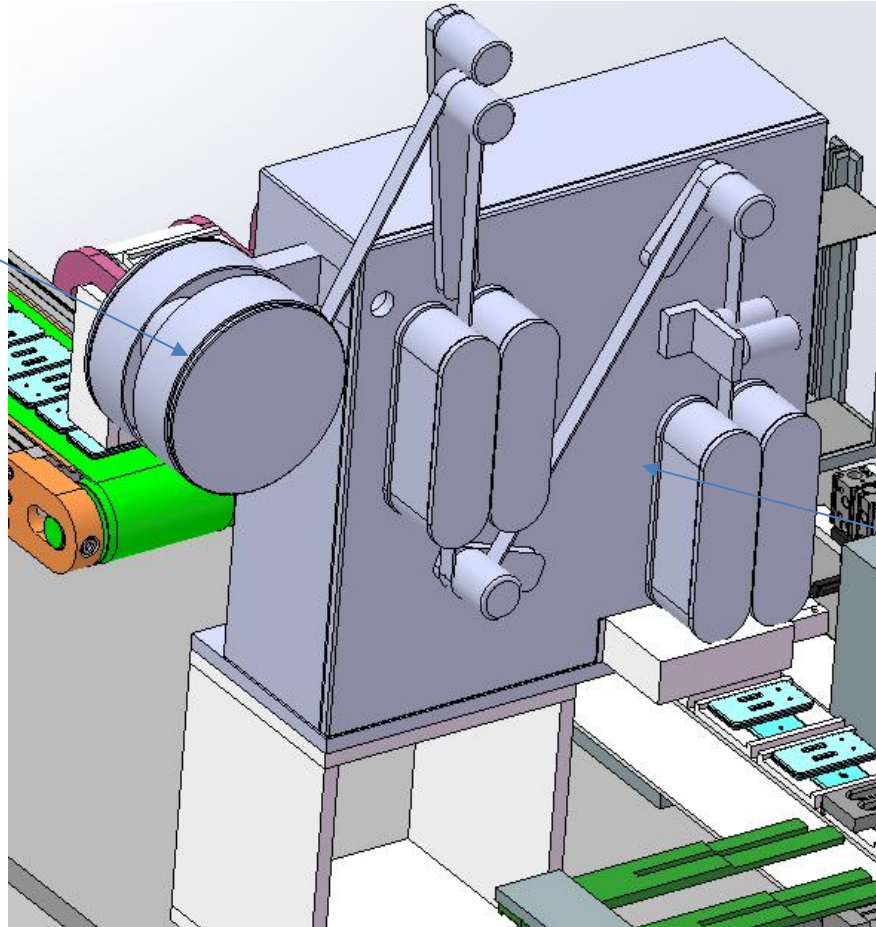
Bag loader



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Desiccant roll

Desiccant roll

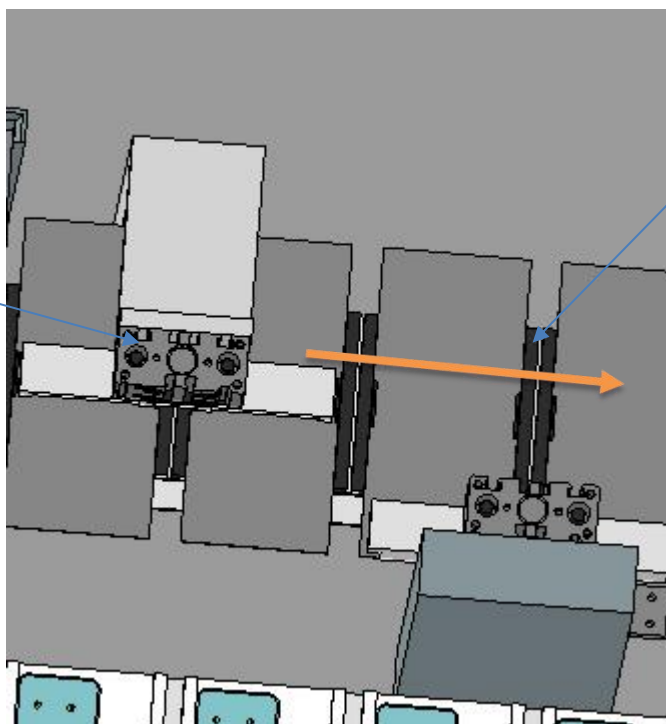


Cutter

Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Bag press

Bag press



Conveyor

Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Bag open

Bag open 1

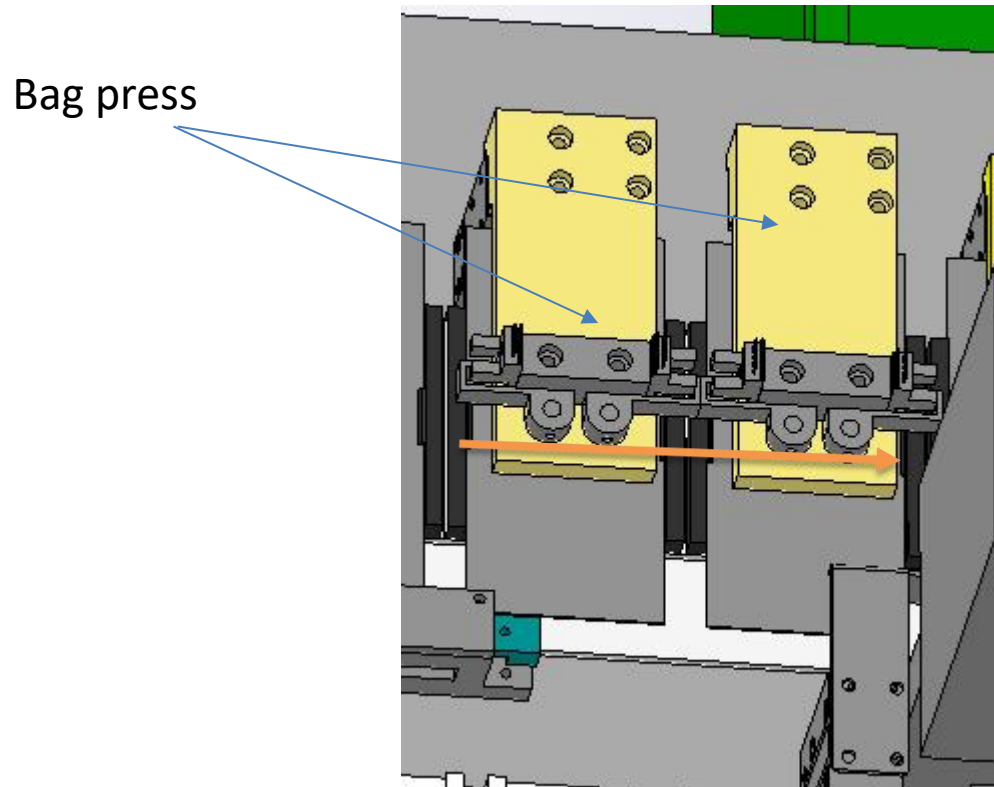
Bag open 2

Pusher



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

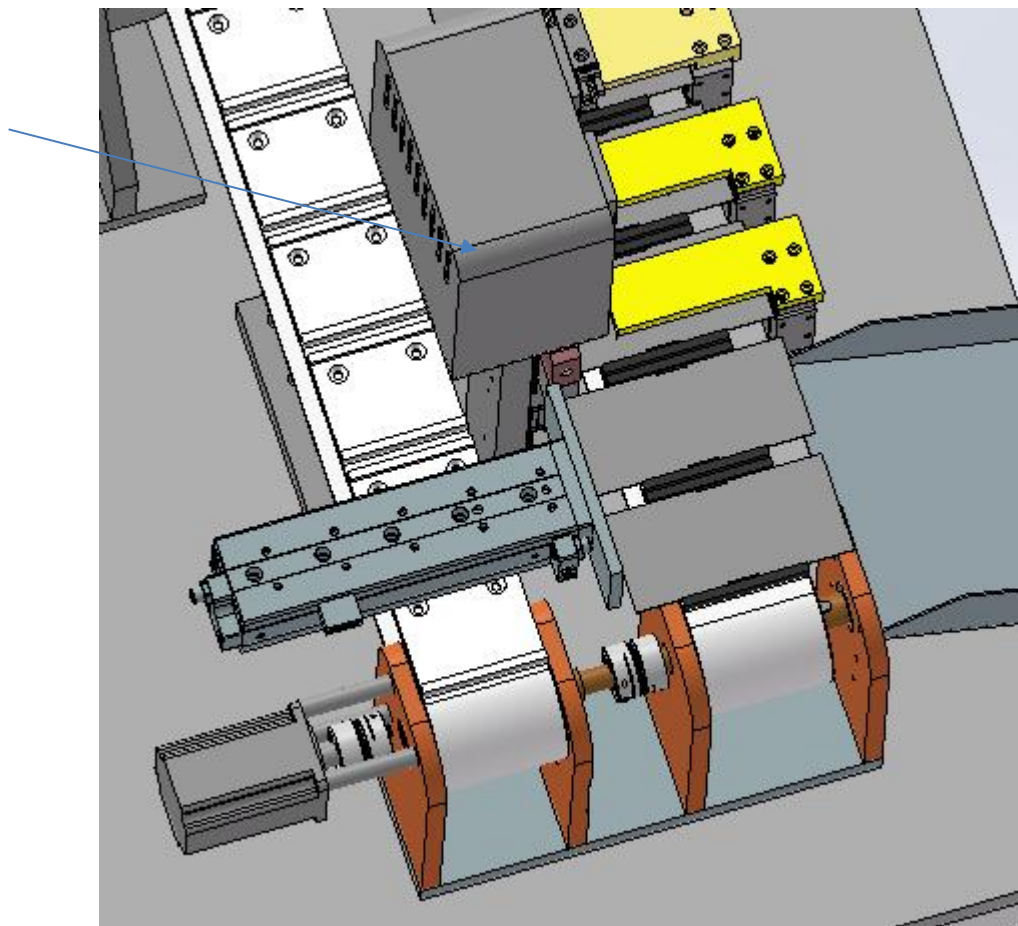
Bag press



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

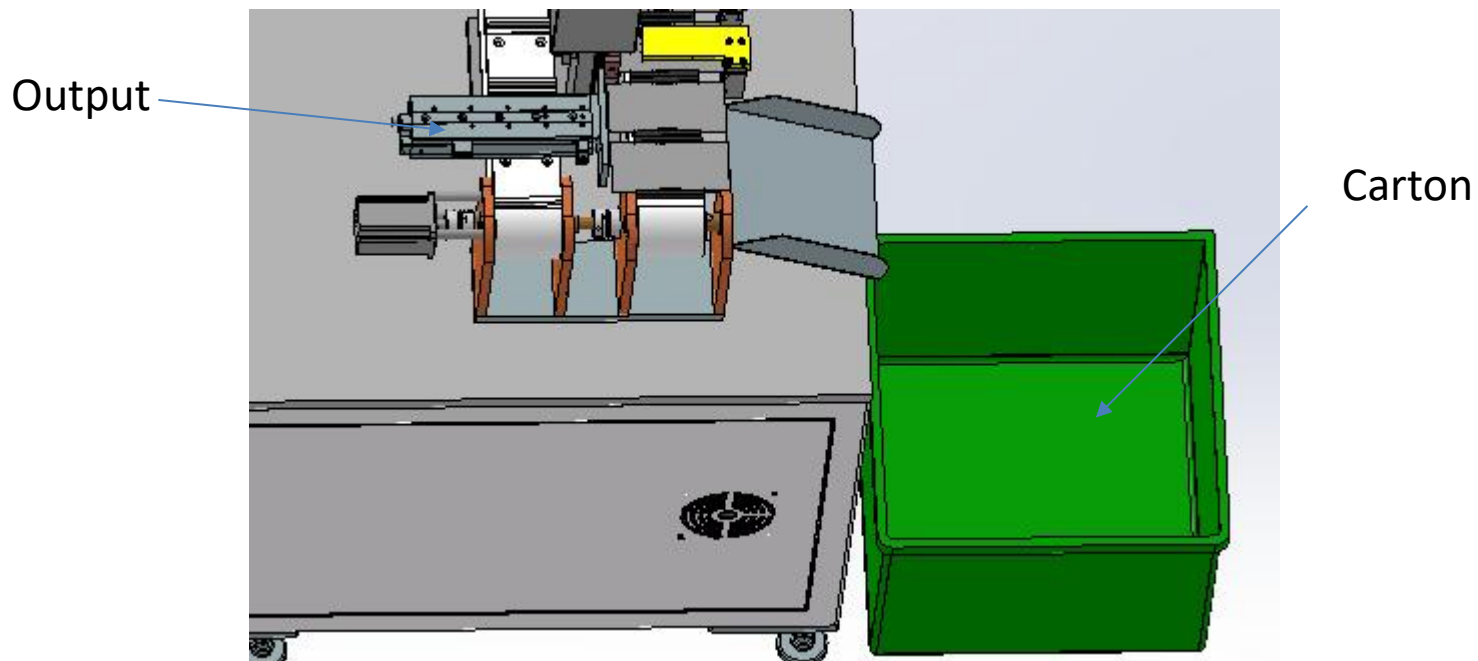
Bag seal

Heat & seal



Rapid Test Kit Assembly Machine Multiple Strips In One Cassette

Output



Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

Features:

1. Touch screen
2. Capacity: 2,000 bottles/hour
3. Fully automated assembly
4. Easy to use

Operation:

1. Connect power supply and air supply
2. Place cassette bottom into lift
3. Place cassette cover into lift
4. Place uncut sheets to loader
5. Install desiccant roll
6. Place foil bag into loader
7. Start running

Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

Parameters	
Capacity	2,000 bottles/H
Activation	90%
Air supply	0.5~0.8MPa
Power supply	AC220V/50Hz
Internal power	DC/24V
Power	23.0 KW
Weight	1500kg
Dimension	L6.24 * W2.4 * H1.8m
Wooden packing	---

Rapid Test Kit Assembly Machine

Multiple Strips In One Cassette

Key components	
PLC	Mitsubishi/Panasonic/other
Operation system	ANTITECK
Servo	Inovance/KNK
Relay	Schneider/CHNT
Sensor	OMRON/Panasonic
Cylinder	SMC/AIRTAC
Solenoid valve	SMC/AIRTAC
Connector	SMC/AIRTAC