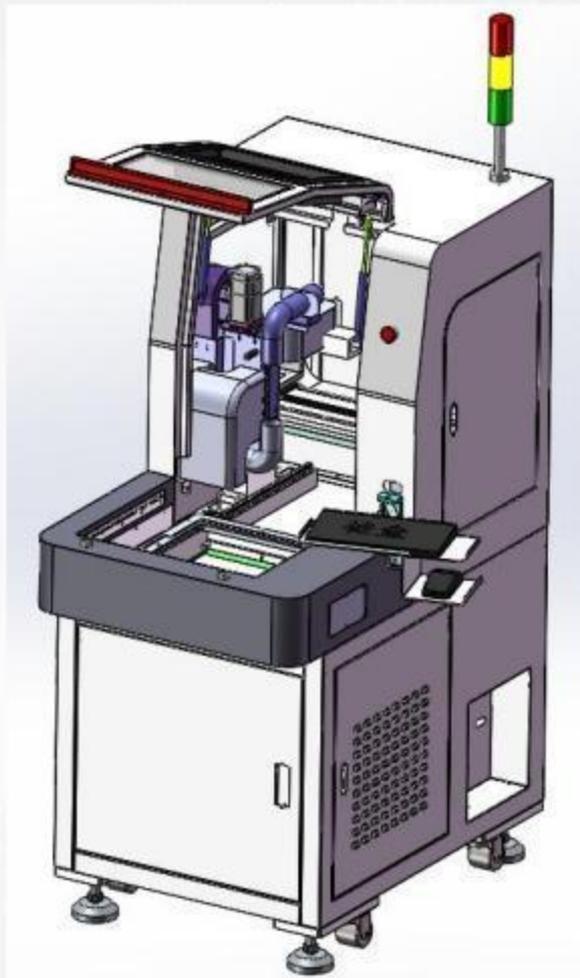
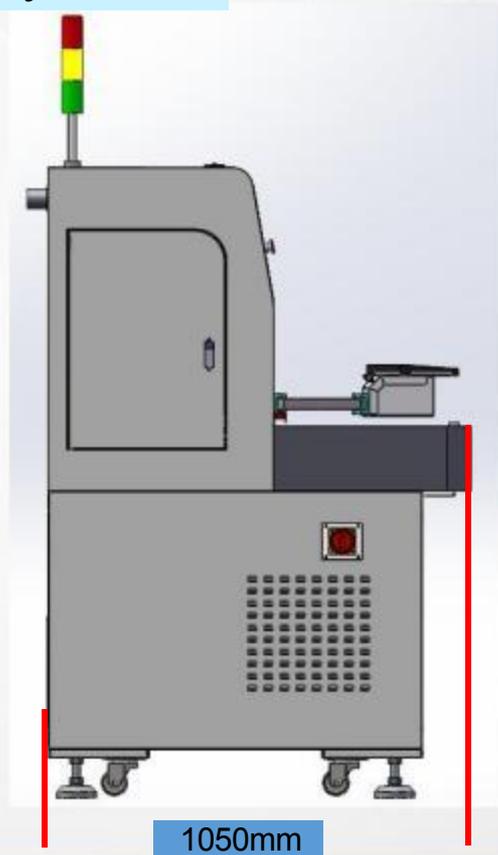
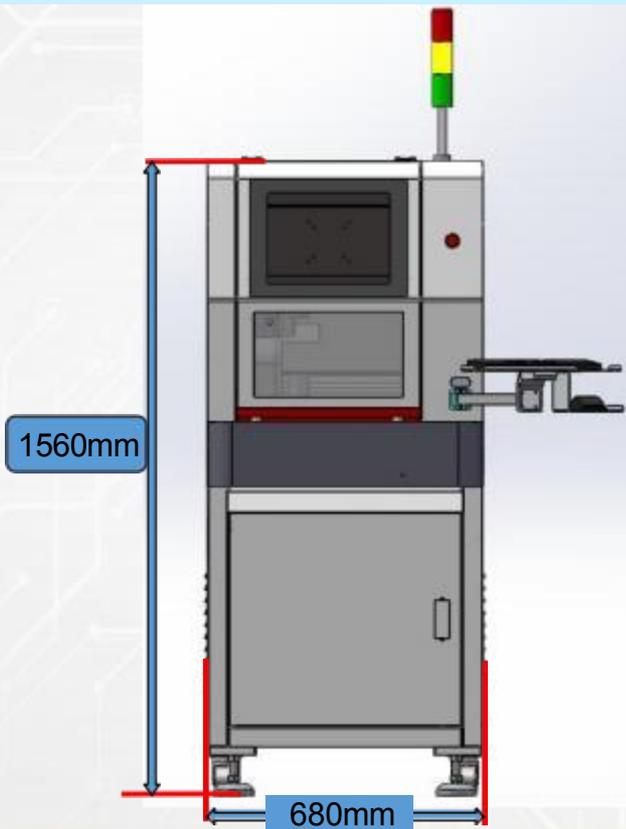


## RS100N shape



# Size

Equipment dimension : 680x1050x1560mm ( Body size )



**Five layers of safety protection measures**

The first level, pause button

The second level, safety grating

The third level, access control switch

The fourth level, emergency stop switch

The fifth level, anti-collision and vacancy design

**100N**

**Three smart production functions**

The first item, automatic splitting

The second item, automatically detect the split port

The third item, the MES function provides real-time feedback on

## **RS100N Features**

### **High quality cutting**

Spindle monitoring, edge finding and positioning, multi-mark correction, automatic detection of cutting edges

### **Smart production**

1. Comes standard with tool breakage detection function, tool slip detection function, and automatic tool change function.
2. It has the functions of whole board scanning, CAD import, rapid path optimization, and offline programming.

### **Better vacuuming**

Optional upper and lower vacuuming, floating brush

# Device function

No	Content	Function description
1	Path quick optimization function	By setting the splitting direction, you can quickly adjust the splitting direction and path.
2	Multi-mark correction	Through multi-mark point correction, misalignment caused by poor marks is reduced.
3	MES function	MES docking services can be provided according to customer requirements.

# Device parameters

RS100N Device parameters		
No	Item	Specification
1	Operating mode	Off line
2	Processing table	Single table
3	Cover method	Manual cover
4	Visual system	High resolution CCD
5	Drive motor	Servo motor
6	Maximum PCB thickness	5mm
7	Cutting function	Straight line
8	Machine repeatability	±0.03mm
9	Cutting accuracy	±0.06mm
10	Maximum movement speed	XY 1000mm/s、 Z 300mm/s
11	Maximum moving range	X:385,Y:510,Z : 100mm
12	Cutting speed	1mm/s-100mm/s
13	Operation interface	WIN10 window interface
14	Programmed teaching method	Color CCD image visual teaching input
15	Program backup	USB interface
16	Control method	Motion control module
17	Applicable milling cutter size	0.5-3.0mm
18	Host power specifications	AC220V 50/6-Hz Three phases
19	Cutting host weight	200kg

20	Dust collector weight	300kg
21	Dust collection method	Upper dust collection/lower dust collection