

# SMT Automatic Loader

## Technical Specification

Conveyor Height: H=910±30  
Pitch Selective : 10, 20, 30, 40mm  
PCB Direction : L→R/R→L  
Air Supply : 0.4-0.6MPa  
Power Supply : 220V, 50Hz (Optional)  
Communication Plug: SMEMA Signal



Model	R-LD-250	R-LD-330	R-LD-390	R-LD-460
Circuit board size(L*W)mm	50*50-350*250	50*50-460*330	50*50-530*390	50*50-530*460
Overall dimensions(L*W*H)mm	1100*780*1250	1400*860*1250	1500*920*1250	1610*1120*1250
Magazine rack size(L*W*H)mm	355*320*565	460*400*565	535*460*565	648*530*568
Weight(kg)	140kg	180kg	220kg	300kg

## Product hardware configuration introduction:

- Lifting power adopts single-phase gear reduction motor.
- The lifting transmission adopts 30MM hard shaft guide rail, which is equipped with Taiwan TBI ball screw drive.
- The lifting platform is made of aluminum plate machine parts, which has high precision and is not easy to change.
- The conveying track adopts special profile with anti-collision stainless steel pass.
- The conveyor chain is made of PC40 black glue.
- The control adopts Siemens PLC control, with light touch key switch operation.
- Equipment status indication: use three-color lights with buzzer.
- The Photoelectric Sensors is sensed by OMRON sensor.
- An anti-splint sensor is installed at the outlet to protect the PCB from being fully pushed out and lifting the splint.
- The push plate cylinder uses the motor cylinder to push the PCB out of the rack.
- The thrust of the push plate cylinder can be adjusted according to the needs, which can prevent the PCB board from being damaged by excessive thrust.
- Equipped with standard SMEMA signal plug for easy signal connection.
- The equipment casing is all electrostatic powder sprayed, and the surface is durable and will not peel off the paint.