



**PROCESS SOLUTIONS
YOU CAN COUNT ON**

SJ-460 & UL-460W SERIES

AUTOMATIC UP/DOWN LIFTER & AUTOMATIC FLIPPER

Features & Benefits

The fields of application involves SMT coating production line, dispensing production line and non-standard production line.

Product Description

SJ-460 Automatic Up / Down lifter with pallet return conveyor, is a compact module integrated with OMO coating line at the beginning and end on coating operation for lifting up and down the printed circuit boards and pallets running through the whole coating and curing process.

UL-460W Automatic Flipper is a compact inverting module for use with printed circuit boards and pallets within an inline process. It exposes the underside of an assembly for processing. Once inverted, the assembly can continue on to the next module, or return to the original work-station in a bi-directional mode.



SJ - 460



UL - 460W

Specifications : SJ-460 and UL-460W Series

System Specifications

SJ-460 Automatic Up / Down lifter

UL-460W Automatic Flipper

Transmission system		
Total Lifting Stroke	550 ± 20mm (21.65" ± 0.79")	
Upper Working Platform Height	900 ± 20mm (35.43" ± 0.79")	
Lower Working Platform Height	350 ± 20mm (13.78" ± 0.79")	
Lifting Speed	90mm/s	
Driving system	Cylinder	Speed control motor with cylinder
Process Flow	L to R (Standard), R to L (Optional)	L to R (Standard), R to L (Optional)
Conveyor Type	Chain	Chain
Conveyor Speed (XY)	2 - 5 m/min	8 - 10 m/min
Conveyor Height	900 ± 20mm (35.43" ± 0.79")	
Width Adjustment	Manual	Manual
Facility		
Standard Footprint	L 700 × W 940 × H 1350 mm (L 27.56" × W 37.01" × H 53.15")	L 700 × W 1060 × H 1520 mm (L 27.56" × W 41.73" × H 59.84")
Weight	100 kg	150 kg
Input Power	AC 220V 50/60Hz	AC 220V 10A 50/60HZ
Power	200 W	200 W
Interface		
Controller	PLC with touch screen	PLC with touch screen
Communication Protocol	SMEMA	SMEMA

Standard Features for SJ-460

- Integrated frame soldered by sheet metal
- PLC and touch screen control
- Trouble alarm with sound and light and menu display
- Internal workings can be viewed through a transparent window
- Board width can be adjusted from 50 mm to 460 mm
- SMEMA communications interface
- CE certified

Optional Features

- Equipment length specification : 0.5 m or 0.8 m

Standard Features for UL-460W

- Pin-chain edge conveyor
- Bi-directional conveyor
- Pneumatic inverting mechanism
- Four-inch top and bottom side component clearance
- LCD front panel with touchscreen
- Flip and return or passthrough mode
- Status light tower
- Top viewing window
- Board width can be adjusted from 50 mm to 460 mm
- SMEMA communications interface
- CE certified