

# CONVEYOR



**PROCESS SOLUTIONS  
YOU CAN COUNT ON**

## CONVEYOR SERIES

AUTOMATIC LINK CONVEYOR

### Product Description

#### ADJ-460 | Buffer Linking Conveyor

ADJ-460 is an automatic buffer linking conveyor that optimizes Work-In-Progress (WIP) material flow and is built for a wide range of high-volume printed circuit board assembly (PCBA) applications related to assembly, conformal coating, dispensing, and other processes. This buffering or linking conveyor is equipped with a robust pin chain style conveyor, the pin chain conveyor holds up to solvents and chemicals used in conformal coating or dispensing, and easily transports heavy pallets for complex board assemblies.



#### ADJ-460UV | Manual UV Inspection Station

ADJ-460UV is an ultraviolet UV inspection station that allows manual/visual inspection of conformal coatings or other fluorescing materials when applied to printed circuit board assemblies (PCBA). This UV inspection station is equipped with a robust pin chain style conveyor that holds up to messy solvents and chemicals used in conformal coating, and easily transports heavy pallet carriers for complex printed circuit board assembly applications.



#### UL-460W | PCBA Flipper / Inverter

UL-460W is a compact automatic flipper / inverting module for printed circuit board assemblies (PCBA) or pallet carriers within an inline process. During operation, the pneumatic flipper smoothly inverts boards being processed for dual sided applications. Once inverted, the board assembly can continue to the next work cell or return to the original workstation in a bi-directional mode.



#### SJ-460 | PCBA Elevator Up / Down

SJ-460 is an automatic elevator for electronics manufacturing that transports printed circuit board assemblies (PCBA) or pallet carriers up / down for pallet return conveying. The SJ460 is a compact module that integrates with Anda One Man Operation (OMO) coating & dispensing line systems. For the OMO configuration, elevators are placed at the beginning and end of the coating line solution. During operation, elevator machines lower and then elevate circuit boards and pallets throughout the coating and curing process to complete a full loop. This enables a single operator to load and unload boards from the same location.



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# Specifications :

## System Specifications

### ADJ-460 Series Automatic Linking Conveyors

	ADJ-460	ADJ-460UV	UL-460W	SJ-460
<b>Board Handling</b>				
Conveyor Type	Chain			
Min. Conveyor Width	50 mm (1.96")			
Max. Conveyor Width	460 mm (18.11")			
Max. Component Height	±100 mm (3.93")			
Process Flow	L to R (Standard), R to L (Optional)			
Conveyor Width Adjustment	Manual			
Conveyor Speed	0.5 - 5 m/min	0.5 - 5 m/min	8 - 10 m/min	2 - 5 m/min
Elevating Speed	-	-	-	90 mm/s
Conveyor Height	900 ± 20 mm (35.43" ± 0.79")			
Lower Conveyor Height	-	-	-	350 ± 20 mm (13.77" ± 0.79")
Max. Elevating Distance	-	-	-	550 ± 20 mm (21.65" ± 0.79")
<b>Facility</b>				
Footprint	L 800mm (31.49") W 875mm (34.44") H 910mm (35.82")	L 800mm (31.49") W 875mm (34.44") H 1050mm (41.33")	L 700mm (27.55") W 1060mm (41.73") H 1520mm (59.84")	L 700mm (27.55") W 940mm (37.24") H 1350mm (53.14")
Input Power	AC 220 V 50/60 Hz			
Rated Power	0.1 kW			
<b>Interface</b>				
Controller	Micro Control Unit & Buttons		PLC & Touch Screen	
Communication Protocol	SMEMA			

## Standard Features

- Manual conveyor width adjustment
- Extruded aluminum conveyor rail
- Chain transfer
- Variable speed control
- Board handling import/output sensor
- SMEMA communication port
- CE certified

## Optional Features

- Return conveyor ( underneath)
- Heavy duty conveyor
- Larger conveyor width



ADJ-460 Buffer Linking Conveyor



ADJ-460UV Inspection Conveyor

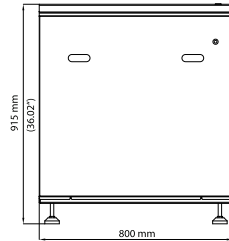


UL-460W Automatic Flipper

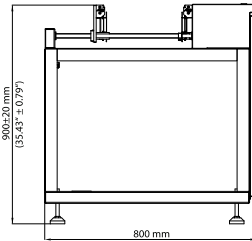


SJ-460 Elevator Up / Down

ADJ-460

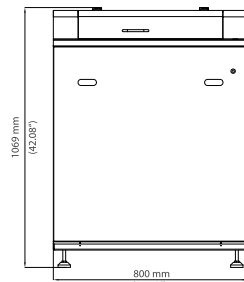


Front View

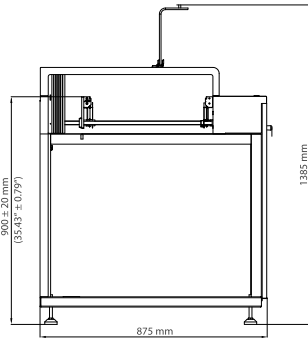


Side View

ADJ-460 UV



Front View



Side View