

Automatic lifts (UPKTECH-450H)

(1) Equipment picture:



(2) Device parameters:

Equipment Dimension L*W*H	L640mm*W1120mm*H1200mm
Control method	PLC+touch screen control
Upper layer transmission height	910±20mm
Conveyor rail width	50mm-450mm adjustable
PCB board size	MAX:L450mm*W450mm
PCB board component height	Up and down: ±110mm
Conveying method	Chain conveyor (35B 5mm extended pin stainless steel chain)
AM mode	Electric adjustment
Lifting method	Servo motor + chain drive lifting
Equipment weight	Approx.190KG
Device power supply	AC220V,50Hz
Total equipment power	0.8KW

(3) Device functions:

- Rack part: The rack is designed and manufactured using high-grade aluminum profiles sealed with galvanized sheets, which is strong and durable; the sheet metal is completed with electrostatic powder spraying and baking paint, which is beautiful and easy to clean.

- Working part: The PCB conveying method adopts motor + chain drive, and the conveying weight is larger.
- Upper and lower parts: The overall lifting and lowering adopt servo motor + chain lifting, which is efficient and stable.
- Whole line docking: The equipment is equipped with the SMT industry standard SMEMA interface, which can be used for signal docking with other equipment.

(4) Main configuration list:

No	Name	Brand	Unit	Qty	usage
1	Photoelectric Sensors	FOTEK 台湾明阳 /LS61	piece	2	PCBA in/out sensing
2	Width adjustment/conveying stepper motor	STD	unti	3	Conveying power transportation, rail amplitude modulation
3	Switching power supply	Mean well/明纬	unti	1	Equipment weak power supply
4	Server Driver	Hechuan/禾川	piece	<u>1</u>	Control motor
5	Programmable controller PLC	XINJIE	unit	1	Program control
6	Human machine interface touch screen	XINJIE	unit	1	HMI