Technical Parameters

Model		HCT-830L
Vision System		5 Sets of Camera, Mark Correction
Number of Spindles		20 Spindles x 2 Gantry
Rated Placement Speed		LED 2835 170,000 CPH (Group Picking & Group Placing)
Placement Accuracy		±0.05mm (Based on the standard chips)
Component Range	Standard	LED 3014, 3020, 3528, 2835, 5730, 5630, 5050, 7030 and Resistor 0805, 1206
	Max Height	H=8mm
Board Dimension(mm)	Maximum	1,200(L) x 330(W)
	PCB Thickness	0.5 - 3.0
Tape Feeder	Feeder Type	Electric Feeder
	Feeder Capacity	80 (12mm)

	Optional	8mm, 12mm, 16mm, 24mm
Utility	Power	AC 220V/240V 50/60Hz, Single phase
		Max 2.6KW
	Air Consumption	0.55-0.7MPa (5.6-7.1kgf/cm2)
Mass		Approx. 1000kg
External Dimension(mm)		2,450(L) x 2,200(D) x 1,450(H)

Product Features

- Dual mounting arm design, 36 placement heads available. Can put 4 sets of feeders, a total of 72 feeders, components reloading doesn't affect the production capacity.
- High-speed: Maximum placement speed reaching 0.027s/chip.
- With a SMEMA-compatible inline conveyor for line automation.complete intelligent production, save labor and greatly improve the efficiency and production capacity,
- Placement Range: 4 kinds of RGB components can be handled at the same time, suitable for LED T5/T8, LED panel light, LED strip, diffuse reflection, LED outdoor screen of 1.2m long or less.
- **Magnetic levitation linear motor** for high repeatability and stability.
- PCB Clamping Mode: automatic width adjustment for conveyor rail, floating clamping, improve efficiency and portability.
- Excellent quality hardware support by using international famous brands ensure placement repeatability and precision.
- Self-developed software simplifies production, easy operating and programming.

Excellent Quality Hardware Support

Ball Screws	**KURODA / THK / NSK (Japan)**
Linear Guide	**HIWIN (Taiwan)**
Magnetic Levitation Linear Motor Driver	**SERVOTRONIX (IRAQ)**
Servo Motors & Drivers	**PANASONIC (Japan) / MOONS (China)**
Stepper Motors & Drivers	**MOONS (China)**
Cables & Tank Chain	**IGUS (Germany)**
Solenoid Value	**CKD (Japan) / MAC (America)**
IPC	**Independent Research & Development**