



## Hanwha HM520h High Speed Mini LED Pick and Place Machine

Our Product Introduction

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### Basic Information

- Place of Origin: Korea
- Brand Name: Hanwha
- Model Number: HM520h
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 10\*10\*5 cm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



### Product Specification

- Machine Type: High Speed Mini LED Machine
- Alignment: Fix Camera / LED Polarity Camera
- The Number Of Spindles: 20 Spindles X 2 Gantry (Rotary Type)
- Placement Speed (Optimum) Wafer: 65,000 CPH
- Placement Speed (Optimum) Chip: 78,000 CPH
- Placement Accuracy Wafer:  $\pm 20\mu\text{m}$  @  $\text{Cpk} \geq 1.0$
- Placement Accuracy:  $+25 \mu\text{m}$  @  $\text{Cpk} \geq 1.0$
- Component Range Size: 0201~6mm
- Component Range Max.Height: 2.1 Mm
- Parts Supply Wafer: 6" Hoof Ring (9 Step) x 2set
- Parts Supply Reel (8 Mm Standard): 4 Slot X 2set
- PCB Size(mm) Min: L50\*W50



### More Images



## Product Description

### Hanwha Pick and Place Machine HM520h High Speed Mini LED Machine

#### Technical Specifications

Attribute	Value
Machine Type	High Speed Mini LED Machine
Alignment	Fix Camera / LED Polarity Camera
The Number of Spindles	20 Spindles x 2 Gantry (Rotary Type)
Placement Speed (Optimum) Wafer	65,000 CPH
Placement Speed (Optimum) Chip	78,000 CPH
Placement Accuracy Wafer	±20um @ Cpk ≥ 1.0
Placement Accuracy	+25 um@ Cpk ≥1.0
Component Range Size	0201~6mm
Component Range Max.Height	2.1 mm
Parts Supply Wafer	6"Hoof Ring(9 Step)x 2set
Parts Supply Reel (8 mm standard)	4 slot x 2set
PCB Size(mm) Min	L50*W50
PCB Size(mm) Max	Single Lane:~L510xW580,~L750 x W580(Optional);Dual Lane:~L510xW310,~L750xW310 (Optional)
Weight (H900 mm standard)	Approx.1,670 kg
External Dimension (Standard)	L890 × D2,370xH1,930 mm
Condition	Used Original

#### Product Features

##### High productivity for Mini LED production

**Optimized Mini LED Production:** Utilizes 20 Spindle Rotary Head for highly precise placement of Mini LEDs as small as 0.2x0.1mm. Wafer Handling Unit enables maximum production capacity of 65,000 CPH.

**High-speed, High-precision LED Ejecting:** Features precisely controlled ejector with lightweight, high-precision motor along X/Y/Z axes. Supports LED bottom surface of Wafer during placement.

**Flexible Component Supply:** Accommodates both Hoof Ring WaferType and Reel Feeder (4 Feeder Slots) simultaneously. Includes Reel Cutter for easy management of discarded material discs (Reel Feeder optional).



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