



## Hanwha Pick and Place Machine HM520h High Speed Mini LED 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:  $\pm 20\mu\text{m}$  @ Cpk  $\geq 1.0$
- Placement Accuracy:  $+25\mu\text{m}$  @ 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

### High productivity

#### 一, Optimization of Mini LED Production

This is a highly precise equipment that uses 20 Spindle Rotary Head and can produce Mini LEDs with a size of 0.2x0.1mm. The Wafer Handling Unit is utilized to achieve a maximum production capacity of 65,000 CPH.

#### 二, High-speed and High-precision LED Ejecting

The ejector is precisely controlled by a lightweight and high-precision motor along the X/Y/Z axes. When the suction nozzle at the head sucks the LED, the ejector moves along the X/Y/Z axes and supports the LED bottom surface of the Wafer.

#### 三, Optimizing the Supply of Mini LED (Hoof Ring + Reel Feeder)

This is a device that can use both Hoof Ring WaferType and Reel Feeder simultaneously. There are 4 Feeder Slots in the Reel Feeder.

It is equipped with a Reel Cutter, making it easy to manage the discarded round material discs.

Reel Feeder: Option

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