

# LASER MARKING



# Leading Korean Automation Technology Towards the Global Market

FAMECS was established in 1987 and started with manufacturing loader and unloader. We have been offering optimized solution for each customer with presenting various options in the SMT and FA(Factory Automation) business over the last 30 years. We do our best on researching and development to produce equipment to meet customer's needs with techniques and experiences which have been built up for a long time. We, Famecs, provide customer-focused, optimized service and best quality to our customer as global leader.



## CS Management

- Impressing customer by adhering to quality(Q) and delivery time(D)
- Immediately response for customer
- Achieve customer satisfaction by differentiating requirement level

## Quality Innovation

- Manufacture quality(Design, Process) innovation and partner quality(Parts) innovation
- Market(Customer) quality innovation
- Produce high quality product by quality standardization

## Technology Innovation

- Technology empowerment(insufficient skill, necessary skill)
- Develop new business technology
- Achieve differentiation technology competition by developing prior technology

# Laser Marking

It marks a word or barcode to substrate or object by using laser, and also inspects marking by using vision.



## Applying PCB Product

S-Type

Min : Length 50mm x Width 50mm  
 Max : Length 250mm x Width 250mm  
 Thickness : 0.5t ~ 2.0t

XL-Type

Min : Length 70mm x Width 70mm  
 Max : Length 510mm x Width 460mm  
 Thickness : 0.5t ~ 2.0t

## Power

A/C 110V / 220V 50/60Hz

## Equipment size

S-Ttpe 1600(W)mm × 1250(L)mm × 1393(H)mm  
 XL-Ttpe 1700(W)mm × 1200(L)mm × 1440(H)mm

## Operation type

Auto, Pass, Manual

## Conveyor speed

Max 220 mm/sec

## Pneumatic

5~7 kgf/cm<sup>2</sup>

## Flow height of PCB

900 ± 50mm

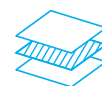
- Minimize installation and operating space by integrated features
- Minimize the point to maintain and manage
- Marking position detection by using vision
- Marking state inspection by using vision
- Support flexible batch production



Vision



Semi-permanent



For marking on various material

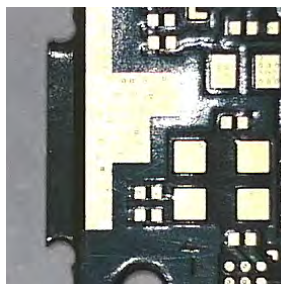


Increase productivity



Easy maintenance

## Application



Semiconductor & Electricity industry



Automobile industry

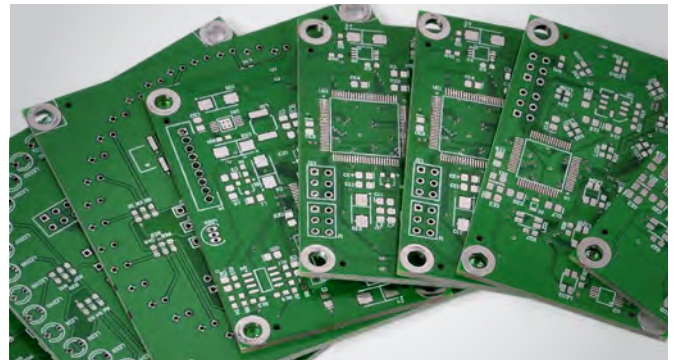


Plastic manufacture



**Intuitive UI screen**

- User-friendly UI
- Easy to use
- Convenience programming and various function



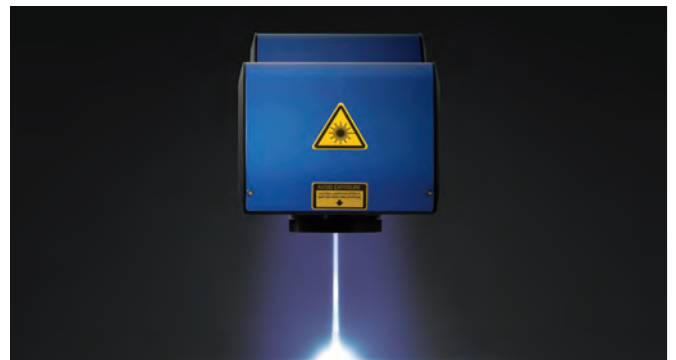
**Support flexible production**

- Conveyor automatic width adjustment and accurate transferring function
- Traceability function for raw materials tracking management
- HERMES standard communication introduction (Based on PLC and PC)



**Operating method by using vision**

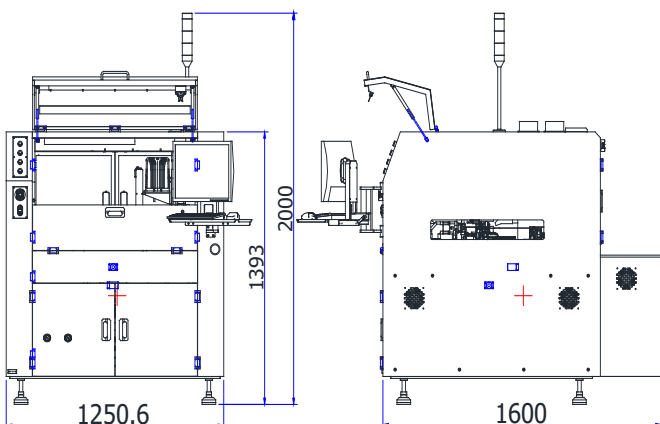
- Marking position setting by using vision
- Marking state inspection by using vision



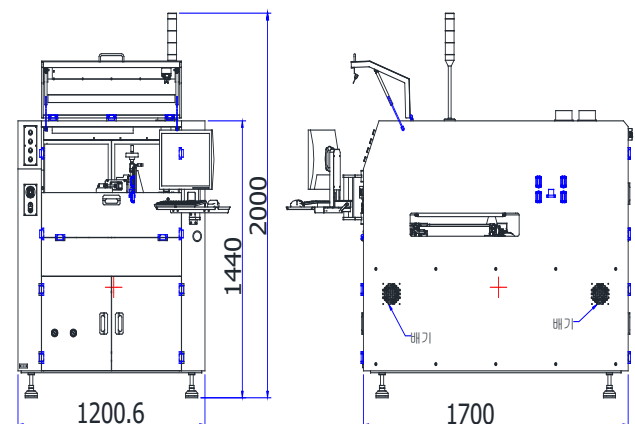
**Optimized equipment to support customer's requirement**

- 2D & Barcode Marking
- Optimized equipment to support customer's requirement

**S-Type Dimensions**  
(unit: mm)



**XL-Type Dimensions**  
(unit: mm)





## Famecs

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