



LASER MARKING

*World's first
30W Fiber
Laser Marking*



Dual Laser Head



Model : LASER MARK – 3000HS

■ HANMI Exclusive FIBER LASER Maker

- World's first '**30W Fiber Laser**' for strip marking

■ Air Cooling System for Laser

- No DI cooling water & save the expenditure of cooling water handling

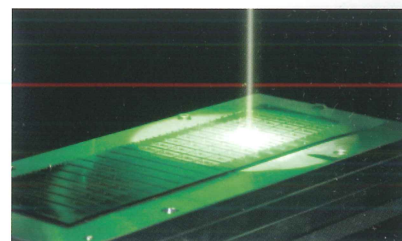
■ Compact Design & Small Footprint

- 35 ~ **50%** reduction of laser & equipment size

■ Enhanced Laser Feature

- Longest laser & pump lifespan
- Best marking quality ($M_2=3$)
- No consumables & maintenance free for laser
- Lower power consumption

■ Fully Automatic Beam Expander Function



Best Marking Quality & Fully Automatic Beam Expander



**Semiconductor
LASER**

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■ Enhanced Handler Features

- High productivity : Stack M/Z 1,200 SPH, Cassette M/Z 1,000 SPH
- Various inspection functions with high performance vision
- Field proven machine reliability & stability
- Dual carrier type for strip feeding with jamming free
- Lower change-over items & time : max. 5 minutes
- Highly versatile vision inspection
- Universal magazine on/off-loading
- Sole & central MMI program (one PC & monitor for handler & laser)

■ What's the FIBER LASER

- The Fiber Laser is a laser in which the active gain medium is an optical fiber.
- The Fiber Laser has high wall plug efficiency and significantly higher beam quality, which result in less power required to produce comparable joint configurations and less cooling needed.

■ What's the Advantages of FIBER LASER ?

LASER Generation	Fiber LD Pumping Laser
Wave Length	1,064nm
Marking Speed	1,200char/sec
Power In/output	30W / 30W

Beam Quality (M2)	3
Laser Size	280x210x95mm
Laser Weight	9Kg
Cooling	Air Cooling



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Since 1980

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