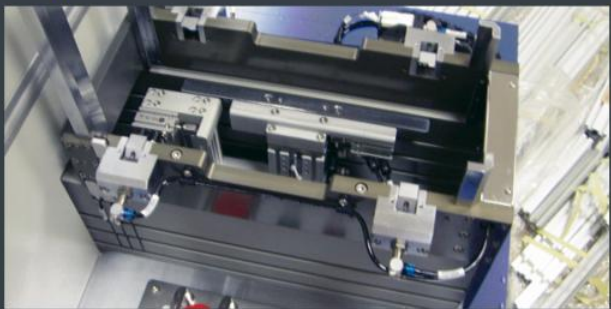


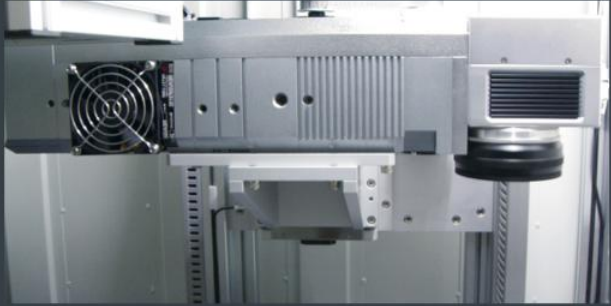
Jedec tray



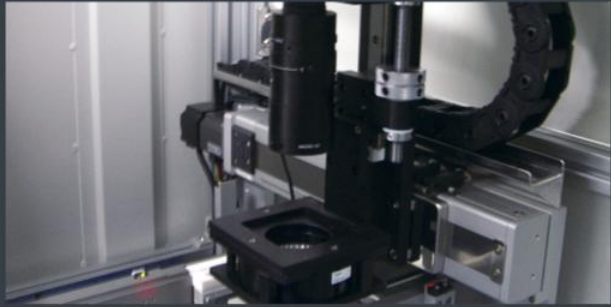
Tray is stackable



Laser



Direction identification



Exhaust fan



LASER MARKING CF-ML60

Automatic Laser Engraving Machine (JEDEC TRAY)
It is equipped with a single-head 20W Fiber Laser and a mechanism for full-tray engraving.
The product direction identification module before engraving avoids the loss of human work.
Fully automated product management with client-side CIM integration.

Automatic Loading and unloading module
Able to load 25 trays, also can replenish products in dynamics.

The track transport system
Adopts servo control, and it can set multi-point positioning arbitrarily with the input parameters by the man-machine interface.

The PC control system
Built-in Chinese and English operation interface. It is easy and flexible to operate.

The dust collection mechanism
Can be connected to the factory vacuum system or use high power vacuum equipment.

The original engraving software
Can input DWG, DXF, PLT, BMP and other vector image files.

Optional

CCD Vision Marking Inspection 1600*1200 DIGITAL CCD CAMERA.

CCD Vision Orientation Inspection System

Automatic discharge system
Discharge defective products and replenish good products automatically.

Customized IT automatic functions
According to customer needs.



IPG 20W Fiber Laser
Mini Scan Head (Engraving speed 400/sec)
F theta lens f=254mm (Engraving range 170mm*170mm)
Engravable barcode and serial number

Items	Specification Descriptions
Package For Tray Product	SD / Min / RSMC / Micro SD / TSOP / QFP / BGA
Position Accuracy	± 0.05 mm
MTBA	8 hours
MTBF	200 hours
Jam Rate	1/3000
Machine Dimension	3000(W) x 710(D) x 2000(H) mm
Machine Weight	600 kg
Tray Dimension	322(L) x 136(W) x 7(H) mm
Change Over Time	15 mins
U. P. H. (excluding logo/CCD inspection)	1200 pcs/tray > 13 K/hour
Facility Consumption	200~240V; 1φ3W; 50/60Hz; 20A
Engraver Software	SCAPS SAMLight