

LD-5 Online Laser Depaneling Machine



- Granite platform, high precision, good stability, good durability;
- Linear motor drive, high speed, low noise, no vibration;
- Linear grating scale positioning, repetition accuracy up to ± 2 microns;
- Three section on-line track, high cutting efficiency;
- Large working size range, 400*400mm;
- Green and UV light sources are optional;
- Laser linewidth less than 20 μ m;
- External purification unit.

Application Products And Industry

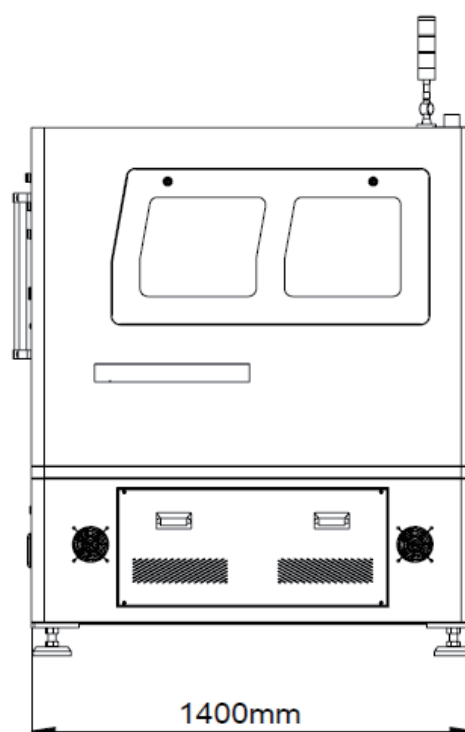
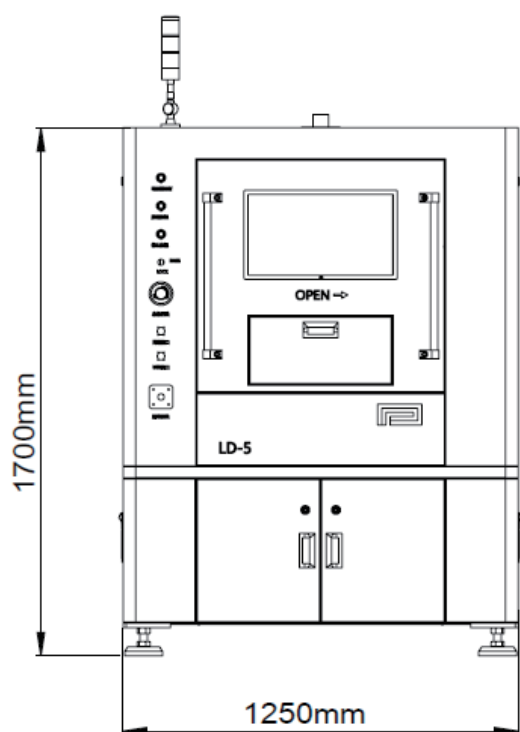
SMT Industry—— FPCB, PCBA, soft and hard combined PCB board and drilling

Semiconductor Industry—— Wafer microhole, blind hole processing, and Wafer shaped cutting

Technical Specifications

Model No.	LD-5	
Laser Type	UV/ Nano Secs /15W	GREEN/ Nano Secs /35W
X/Y Distances(mm)	690*534	
Z Axis Distances(mm)	100	
Working Area(mm)	400*400	
Flatness of marble platform(mm)	±0.01	
Platform Accuracy	Positioning accuracy (μm): ±3, Repeatability (μm): ±2	
Platform Speed(mm/s)	Maximum speed 1000mm/s, acceleration 10000mm/s ²	
Laser life	> 20000 H	
Cutting Ways	Scanning head mode, cutting range of 50*50mm	
Minimum focusing spot diameter	≤20μm	
Machine control system	Integrated Vision, Laser Source and Movement	
Software support	Dxf or Gerber or common formats	
Power	220V/50Hz/5KVA	
Operating temperature	15°C-35°C	
Weight (kgs)	1800	
Dimensions (mm)	1250(W) x 1400(D) x 1700(H)	

Dimensions



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