

UV Laser Drilling Machine(Model JG23)

Model : JG23



USAGE

The machine is used in drilling through holes and blind holes of FPC flexible printed circuit board, cutting cover layer, and cutting rigid-flexible circuit.

ADVANTAGE

(1)High efficiency

Flying drilling technology, table and galvanometer with linkages are applied in machine to improve blind/through holes production.

(2)High quality

Adopting imported laser, high-performance galvanometer, higher pulse frequency, higher power peak, more fine cutting path planning.

(3)Auto

There are functions with automatically precision correction, auto power compesation, auto focus and automatic correcting movement and high interactivity.

(4)Customized

Custom-made 250 mm or 500 mm wide RTR automatic loading system and various kinds of software functions.

(5)Security

Following standard to design and produce machine, to achieve better quality in every steps, long work time without any downtime.

(6)Stability:

Following standard to design and produce machine, to achieve better quality in every steps, long work time without any downtime.

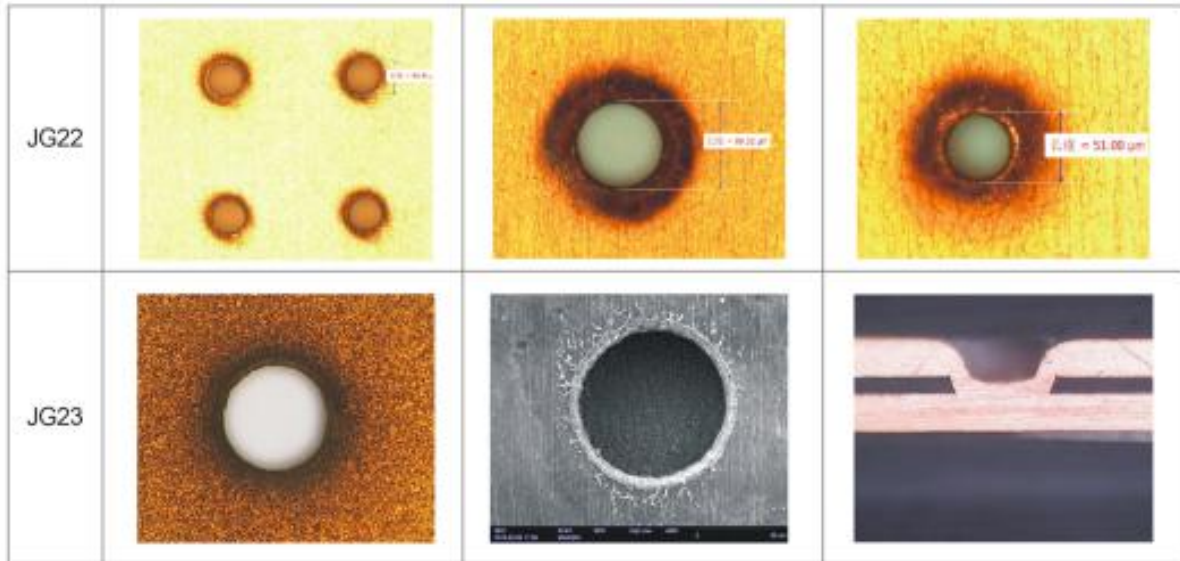
(7)Reliability

AOM module is applied to correct power by single pulse sampling, to make drilling quality consistency and reliability.



ROLL TO ROLL optional

DRILLING SAMPLES



广东正业科技股份有限公司
 GUANGDONG ZHENGYE TECHNOLOGY CO.,LTD.

TECHNICAL PARAMETER

Specification of UV Laser Drilling Machine (ASIDA JG23)		
MODEL		ASIDA JG23
System Processing Accuracy (ZHENGYE Conditions)		±20μm
Drilling Speed (ZHENGYE Conditions)		≥200 hole per second
Roundness		≥95%
Differences Between Up and Down Hole Diameter		≤12.5μm
Objects	Maximum Processing Size	540mmX650mm
	Processing Capacity	Blind hoe drilling, PTH cutting, BTH cutting
	Minimum Processing Hole Diameter	50μm
Laser Wavelength		355 nm
Pressured Air		>0.6MPa;500L per minute
Exhaust		30KPa,8.6CMM
Power Supply		3- phase, 380V,60Hz, 3.5KW
Dimensions (L×W×H)		1610mmx1864mmx1934mm
Weight		2200kg