

HANS'GS—D400P cigarette tipping

paper laser perforating technology program of high speed

HANS'GS—D400P cigarette tipping paper laser perforating machine is mainly composed of five parts : laser generator, optical splitting system, control system, form feeding system, water –chilling unit (optional accessory: zero meter mechanism).



General performance and parameters of HANS*GS—D400P perforating machine

Laser power	400W
PLC control type	closed-loop
Controller	Germany SIEMENS servo system
Form feeding control	Biaxial linkage control
Indicator setting method	Independent, simple
Spectrophotometric method	by polygon prism
Permeability range	100—2000cu
Permeability instability	Less than 5% (relative error)

Maximum perforating speed	1920 thousand /min
Maximum perforating density	4pcs/mm
Minimum perforating density	1pc/10mm
Hole diameter range	0.05—0.25mm
Hole shape	oval or round
Hole quality	neat, without deckle edge or coking
Maximum feeding speed	650m/ min

Performance and characteristics of HANS*GS—D400P cigarette tipping paper laser perforating machine

- The host adopts the whole piece stainless steel panel of 16 thickness and high strength welded steel frame, which can ensure that the perforating machine can operate with high speed, low noise, little vibration, stable operation. The general performance is reliable and stable, with no less than 10 years lifetime.
- It adopts Germany fully metal-coated RF excited CO2 laser generator of Rofin company, this laser generator has good stability, long lifetime (it can operate for 24 hours all through the years) .
- It adopts Germany winding control technology of SIEMENS company, servo driving system and 10.4" TFT touch screen, and has the parameters setting, parameters and condition display, faults diagnosis and on-line assistance etc functions, with high level of automation of Man-machine dialogue, as well as simple and intuitive operation.

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