

PJS-CLS 40HS

HIGH SPEED LASER



PJS-CLS40HS Series is a state of art high performance, Lowest Maintenance on- Fly CO2 Laser Coder. It adopts world class technology in order to provide uninterrupted consistent output without any consumable & lowest cost of maintenance. PJS-CLS40HS Series adopts the most advanced polarized lens to ensure superior quality and high speed output. The entire system integrates Industrial Grade colour touch screen controller. Laser Source and high-performance Galvo which provides quality high-speed output in harsh environments.

Easy To use for quick code setup and operation

- ◆ Frame: Hardened weight bearing Aluminum Alloy X-Y Axis frame
- ◆ Large icon driven, high resolution touch screen with inbuilt at-a-glance production rate visibility
- ◆ High precision galvanometer deflection scanning system.
- ◆ Marking speed up to 8000mm/s

Features & Advantages

- ◆ No Consumables required for laser system
- ◆ Lowest Setup time – only 1 minute to start & print
- ◆ Easy icon-driven menu structure
- ◆ Long life – up to 45,000hours*
- ◆ Easily integrable
- ◆ Permanent marking, Non-erasable
- ◆ Can print on variety of substrates.

Flexible scan head, can be rotated in 90 degree steps in all directions the orientation can be changed in the field.

Cost efficient yet reliable

Lowest cost of ownership as compared to any other coding and marking machine available in the market. The most robust and reliable “India Tuned” on-Fly laser marker till date, which will not only save on your costs of coding but eventually will pay you back.

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TECHNICAL SPECIFICATIONS



Line Speed	: Upto 300ppm with galvo marking speed 8,000mm/s, writing speed 1150cps (Subject to the character size, font type and number of lines)
Focus distance	: 180mm
Marking Line type	: DOT Matrix, BOLD, Vector all in one
Fonts	: all that are available on computer
Minimum Line width	: 0.012mm
Marking area	: Standard 110mm X 110mm (Customisable upto 400mm x 600mm)
Marking length	: Unlimited
Source Life	: upto 45,000 Hours.
Positioning mode	: RED Light Focused
Dot Size	: From 0.091 mm to 1.65 mm
Number of lines	: Multiline within marking area
Wave length options	: 10.6µm(Standard), 9.3µm(PET), 10.2µm (Laminated Plastic Card)

Functions

- ◆ Field rotation as per requirement
- ◆ Print delay inbuilt can be adjusted as required
- ◆ Inbuilt Date, Time Bar Code, 2D Code, QR Code, Serial Number
- ◆ Production data can be set online
- ◆ Metre marking function inbuilt
- ◆ Different Wattage(20,30,40,60 &100) Source available for varied applications

Languages supported : English, Hindi, Arabic, Chinese, Spanish Etc

File formats : BMP, JPEG, DXF, PLT

Accessories available : Sensors, Encoder

Power Supply : 100 – 240V 50/60Hz 6W

Environment : Temperature – 5 -45°C

Humidity : 10-90% (non condensing)

Interface : Touch Screen HMI, USB

Size : 120cms x 32cms x 19cms

Weight : 42.5 Kgs (Including Accessories)

Power Consumption : 1000W

Wattage : 40W



For further information:



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