

FASTJET

LASER MARKING SYSTEM

F8200 series

F8200 series fiber laser marking system, with its light and agile marking unit, help customers to achieve high-quality and high-speed printing in various production situations. The printing content is flexible, not restricted by fonts, coding or graphics. It is an ideal coding solution for auto-parts, electronics, can, cosmetic, pharma and building material industrials.



Non-stop

- ✦ High performance long -life laser source increases uptime significantly
- ✦ Air-cooled laser source and no wearing parts requires no additional maintenance

high efficiency

- ✦ High-speed digital galvanometer system to ensure high speed and accuracy
- ✦ Smaller spot size and concentrated energy to handle difficult materials and complex marking requirements
- ✦ Optimized vector calculation logic for more precise and efficient control of lines



Easy to operate

- ✦ Flexible integrated solution with multiple standard beam transmission options
- ✦ Highly integrated modular design ensures simple and convenient installation and maintenance

No mistake

- ✦ In-house developed touch screen high-speed laser printer control system,
- ✦ Human-machine interaction, reducing mis-operations and ensuring correct marking
- ✦ Multiple high-resolution print field lens options provide accurate and perfect identification

F8200 series

Laser Marking System

Marking speed

Up to 2,000 characters/second ⁽¹⁾

Line speed

Up to 200/min⁽¹⁾

Wave lengths

1,055-1,070 nm

Marking format

Standard industrial fonts (Type 1 Windows® TrueType®) and single line font

Machine readable codes (OCR, 2D matrix, etc)

Bar codes: code128A, code128B, code128C, code39, code93,

QR-Code, Data Matrix, Aztec-Code, Han Xin-Code

Graphics, Logos, symbols, etc

Linear, circular, angular, reverse, rotate sequential and batch numbering

Automatic date, layer and time code, real time clock

Dot model will be faster for marking

Laser tube

Ytterbium (Yb) pulsed fiber laser

Beam deflection

Steer beam with digital high-speed galvanometer scanners

Focus options

Standard: F160 (110/110)

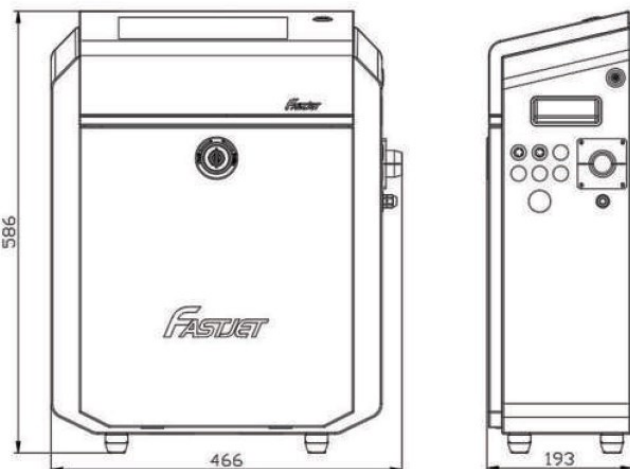
Optional: F100 (70/70), F210(140/140), F254 (175/175)

User interface

Personalized touch control screen, humanized operation, easy to learn

⁽¹⁾ Maximum marking and line speed is application dependent

Cabinet dimension



Communication

UDP, TCP/IP and RS232

Inputs for encoder and product detector triggers

4 inputs/4 outputs for start/stop signals, machine/operator interlocks, alarm outputs; in addition to the safety circuits

Customer-specific solutions available

Integration

Flexible beam delivery options (beam extension unit/beam turning unit)

Electrical requirement

110-240 VAC (To be noted when ordering), ~50/60 Hz, 1 PH, 0.70 KW

Cooling system

Air cooled

Environment

Temperature 5-40° C (41-104° F)

Humidity 10%-90%, no condensing

Sealing and safety standards

Cabinet: IP54 standard

Marking Unit (Optical core components): IP54 standard

Weight

Standard unit: approx. 40 kg

Specific model

F 8 2 X X

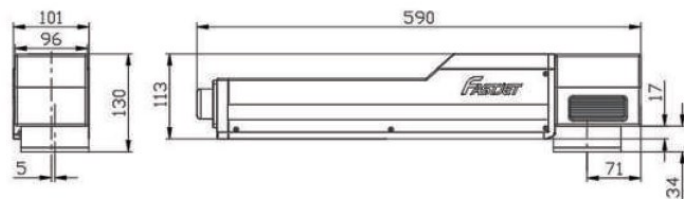
2: 20W

3: 30W

1: 1064nm

4: Mopa

Marking unit dimension



CONTACT US: SCS INKJET CODING SOLUTION | PT. Sumber Cipta Solusi

Address Komplek Daan Mogot Baru, Jl Jimbaran Blok LA 14 No 6., Jakarta Barat 11840

Phone (021) 544 1932; 540 8937; 0812 992 8351 / 081806433959

Email marketing@scsmarking.com / alexanderglenn@scsmarking.com

Website: www.SCSMarking.com