F520i

The laser coding solution for beverage cans

The **F5**20i fibre laser applies high-quality, permanent codes in the harsh beverage environment. Designed for uninterrupted production runs, no-wastage, continuous output, the ultra-flexible **F5**20i meets current and future requirements for the widest range of high-legibility coding applications, from track & trace legislative compliance to creative marketing promotions.

Low Total Cost of Ownership – class-leading ROI

- ◆ Consistent high quality eliminates waste
- ◆ Uninterrupted production runs
- ◆ Sustainable production without fluids or consumables
- ◆ New-design cooling system for low energy consumption

High-speed coding

- ◆ Unique 3D power concentration – short, intense pulses achieve increased marking speeds
- ◆ Improved efficiency through the adoption of low intervention technology
- ◆ Exceptional productivity even on concave surfaces

Robust design – tough enough for the harshest conditions

- ◆ IP65 rating – ready for the humid, sugar-laden beverage environment
- ◆ Non-stop production at temperatures up to 45°C

Make the can your marketing medium

- ◆ Be creative with content to inform and engage with customers
- ◆ Code over 60 high-resolution characters in a variety of formats
- ◆ Laser imaging means permanent readability and traceability

Domino. Do more.

F520i Technical Specifications

Text	Full unicode support / 32 different fonts
Graphics & logos	Imported *.bmp (monochrome), *.plt, *.dxf
MRC (1-D and 2-D codes)	✓
Operating temperature	5-35°C (optional up to 45°C)
Humidity	Max. 90% RH, non-condensing
Ingress protection (print head)	IP65
Ingress protection (cabinet)	IP55 (optional IP65)
Laser type	Pulsed fiber laser
Laser power	50W
Laser wavelength	1059 – 1065nm
Pulse peak power	13kW
Conduit length	2.7m (8.9ft)
Material	Stainless steel / aluminum
Power requirement	90-264V, 47-63Hz, 1120VA max.
Power consumption	420VA average (70VA idle)
USB port	✓
RS232 port	✓
Ethernet (10/100 Mbit)	✓
Ethernet/IP	Optional
Laser source life time	100.000h (MTBF)

Not to scale. For illustrative purposes only.

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