

# F720i

## The laser coding solution for beverage cans

The **F720i** fibre laser applies high-quality, permanent codes at unmatched production speeds in the harsh beverage environment. Designed for uninterrupted production runs, no-wastage, continuous output, the ultra-flexible **F720i** meets current and future requirements for the widest range of high-legibility coding applications, from track & trace legislative compliance to creative marketing promotions.



### High-speed coding – take it to the limit

- ◆ Unique 3D power concentration – short, intense pulses achieve increased marking speeds
- ◆ 90,000 cans/hour – each coded with over 20 characters
- ◆ 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

### 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

### Make the can your marketing medium

- ◆ Get 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



## F720i Technical Specifications

Ink free	✓
Characters per second	2000
Line speed	600m/min (1970ft/min)
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	70W
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.

