PRODUCT'S TECHNICAL SPECIFICATION

FUTURA

Specification F350L

MACHINE DESCRIPTION	
Footprint	1.000 x 1450 x 1.770 mm
Weight	900 Kg
Control Unit	Proprietary – PC Based
HMI	24" Touch Screen, multilanguage
Color	RAL 9005 Frame, front door; RAL 7035 Side covers, back doors
Codes	Data Matrix ECC200, Code 39, Code 128, 2/5 Interleaved, QR Code, Text
MACHINE CONFIGURATION	
Transport Height	950 mm +/- 25mm
Max Transport Width	350 mm
Interface	SMEMA
Transfer Direction	Left to right (optional right to left or pass-back)
PANEL DIMENSIONS	
Panel Length	70 mm to 655 mm
Panel Width	50 mm to 350 mm
Panel Weight	Up to 4 Kg
Transport PCB	2 ÷ 5 mm ESD belt
Panel Clearance	10 mm up / 30 mm down
Panel Thickness	0.5 mm to 6 mm
Marking Area (Length x Width)	Up to 650 mm x 350 mm
LASER DESCRIPTION	
Laser Type	CO2 – λ 10.600 nm
Laser Power	10 W – 30W (option)
Laser Spot	125 µm (5 mils)
INSTALLATION REQUIREMENTS	
Power Supply	230 VAC monophase, 50 Hz (1P+N+PE)
Consumption	1 kW
Air Supply	6 Bar filtered, 200 slpm
Connectivity	Ethernet (Wifi and VPN as options) – Industry 4.0 Compliant

CONFIGURATIONS

F350L : No 1 CO2 Laser Top side

Base Machine

CO2 Laser
3D Galvo with Adjustable Focus
Optical Fiducial check
Camera Coupling using Galvo
Conveyor with Automatic Width Adjustment (Fast Setup Change)
Remote control via VPN
Base Programming

Futura Automotive Package

Quality Check
OCR
Side Clamps
Automatic Setting PCB Support
Bad Mark Recognition

Futura Programming Package

APL – Automatic Panel Loading - Optical PCB Autolearning for fast programming
ALPF - Automatic Laser Parameter Finder