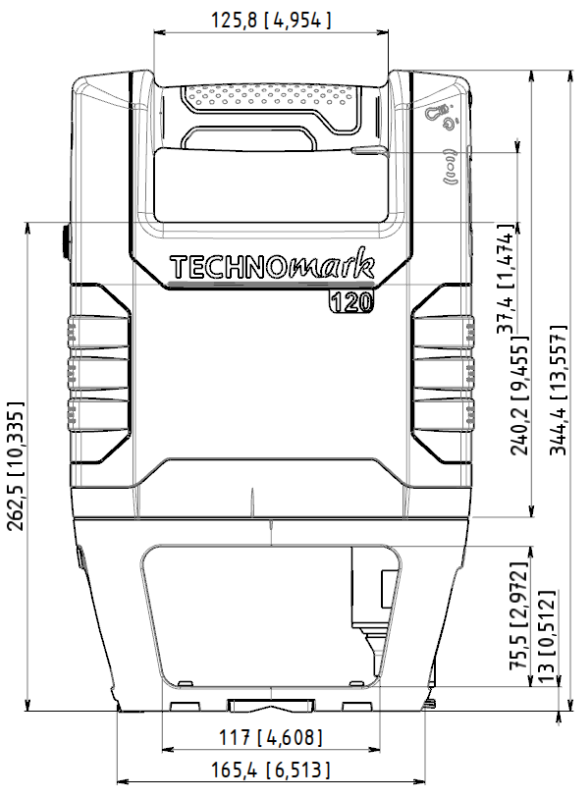
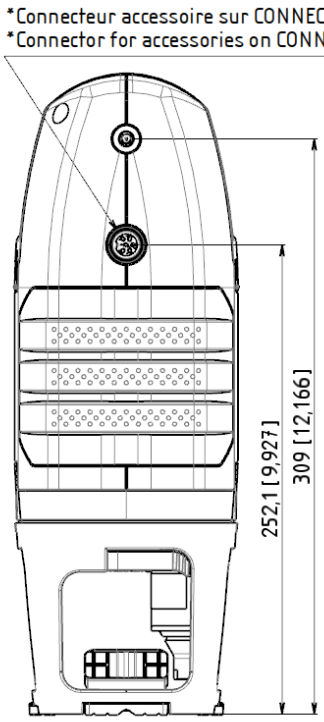
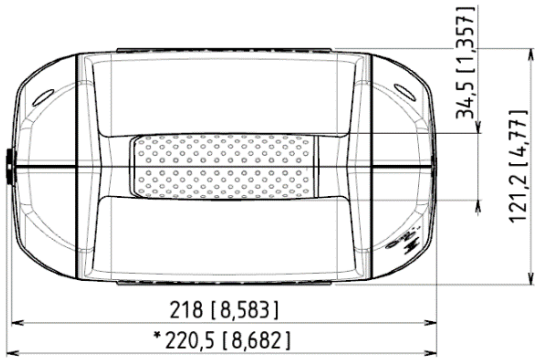
CONNECT.series®

120 marking head







This item includes:

- 1 carbide stylus
- 2 pairs of locating V's
  - for bar <Ø15 mm
  - for bar >Ø15 mm
- 1 support guide accessory
- 4 support magnets
- 1 storage dock
- 1 power supply

Technical specifications

Name	Dimensions mm (in)	Weight kg	Marking window mm
120 marking head	344.4 (13.55) × 218 (8.58) × 121.2 (4.77)	3.2	120 x 60
120D marking head	344.4 (13.55) × 220.5 (8.68) × 121.2 (4.77)		

Capacity:

- Integrated 22V lithium-ion battery
- Connection to the controller by Wifi (10 m maximum), current file stored in the head
- Machine/controller pairing via RFID
- Customisable on-board information screen*: marking information, network, battery, etc.
- Adjustable integrated LED lighting: manual activation, automatic, time setting
- 11 marking forces, up to 0.55 mm deep (aluminium AU4G 75HB)
- 3 levels of speed
- Multifunctional quick-release support foot: centring on X or Y tube generator via interchangeable V, support guide at end of bar, holding magnets (max. force: 32 kg)
- Fixed stylus distance, max stylus stroke 12 mm
- IDI on stylus-to-part distances from 3 mm to 8 mm
- Control of additional accessories via the accessory connector on 120D version only

Environment and power:

- Operating temperature: 0°C (32°F) to 45°C (115°F)
- Battery: 85 Wh
- Power supply for charging and marking: 90 V to 260 V - 50 Hz to 60 Hz - 300 W

Options and accessories:

- Accessory connector
- Stylus with 60°, 120° and aeronautical sharpening angle
- Maintenance kit (2 springs + 2 stylus of your choice)

Standards:

- Machinery directive: 2006/42/CE
- Electro-magnetic compatibility: 2014/30/UE
- Low power directive: 2014/35/CE
- FCC directive– chapter 15

*Function associated with a licence

Version 1.0 - 12/17/2021

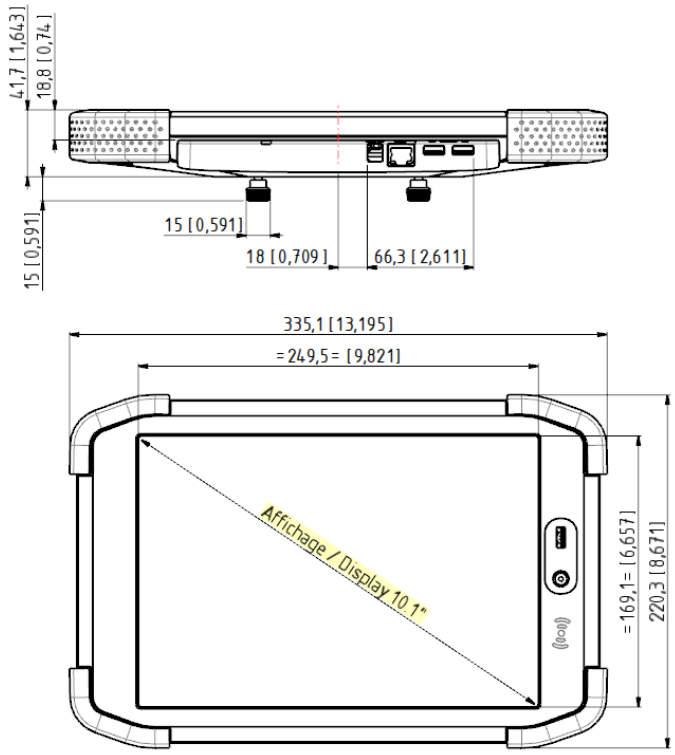
TECHNOmark

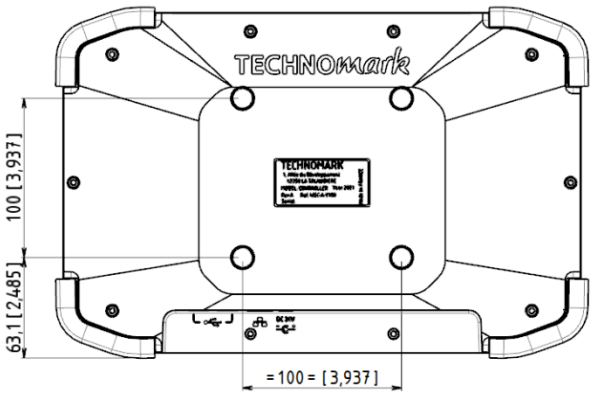
1 allée du développement
42350 La Talaudière (France)
+33 (0)4 77 22 25 91

www.technomark-marking.com
info@technomark-marking.com

CONNECT.series®

Control box





This item includes:

- 1 power supply
- 4 knurled knobs for bracket mounting

Technical specifications

Name	Dimensions mm (in)	Weight kg	Screen size
Control box	335.1 (13.19) × 220.3 (8.67) × 41.7 (1.64)	1	10.1"

Capacity:

- Head connection via Wifi (10 m maximum)
- Identification, controller/head pairing by RFID
- 1 RJ45 port for Ethernet connection
- 3 USB ports, (1 front, 2 at the back) for connection of:
  - USB stick for importing and exporting files and marking data*
  - Input device: keyboard, 1D/2D reader
- Display
  - 10.1" touch screen
  - WYSIWYG display with customizable dashboard*
- VESA 100 compatible mounting: different supports available
- Production of marking files that can contain:
  - Linear or radiating alphanumerical texts
  - Serial numbers
  - Time stamping, shift scheduling
  - 2D codes*
  - Logos*
- « Easy Shift » function: real-time visualisation on the machine of the positions and movements of the element being edited
- Programmable character height
- 4 matrix fonts: 5×7, 9×13 (OCR/OCR-A), Arial
- 1 vector font with point density setting
- Storage capacity: 2 Go

Environment and power:

- Operating temperature: 0°C (32°F) to 45°C (115°F)
- Power supply: 85 V to 264 V - 50 Hz to 60 Hz - 25 W

Licenses:

- Logo marking
- Logo creation
- Datamatrix
- « Font Creator »
- « Custom HMI »
- « RFID - Log on head »
- « RFID - Data input »
- « USB-CSV manager »
- « USB Production tracker »
- « Duplicate check »
- « Network access »

Standards:

- Machinery directive: 2006/42/CE
- Electro-magnetic compatibility: 2014/30/UE
- Low power directive: 2014/35/CE
- FCC directive– chapter 15

*Function associated with a licence

Version 1.0 – 12/17/2021

TECHNOmark
1 allée du développement
42350 La Talaudière (France)
+33 (0)4 77 22 25 91
www.technomark-marking.com
info@technomark-marking.com