

## B-Iron 500 soldering station with B.500 tool, with portable display



B.IRON 500 has been specially developed for electronics production and intensive work.

It performs up to 500 medium-sized SMD solder joints per charge.

Included in the scope of delivery:

- B.500 tool, which is fully compatible with the C210 cartridge range. It also has an energy-saving mode that can be activated by putting on the cap.
- BCB charging station to automatically charge the tool when placed in the tool holder.
- Portable 8.6-inch PDS display with the B.IRON app

It also has a quick cartridge changer that enables safe and easy cartridge changes, a tip cleaner with brass wool and a spray protection membrane.

Charging station

Products for the electronic industry



Input voltage: 100 V - 240 V, 50/60 Hz

Power: 40 W

Tool output: 12 V / 1500 mA

USB output: 5 V / 1000 mA

Tool output

Peak power: 24 W

Battery: Li-Ion 7.4 V / 750 mAh

Charging time: 60 minutes

Selectable temperature: 100 to 450 °C / 210 to 840 °F

Temperature stability at idle (with still air):  $\pm 1.5$  °C /  $\pm 3$  °F

Temperature accuracy:  $\pm 3$  % (when using a reference cartridge)

Connectivity: Bluetooth Low Energy (BLE)

Ambient temperature: 10-50 °C / 50-122 °F

Weight of the tool: 70 g / 0.154 lb

## CONSOLE

Screen size: 8.6"

Connectivity: Bluetooth 5.0

Battery: Li-Ion 3.7 V / 5000 mAh

## Weight and dimensions

B.IRON battery-powered system

202 x 200 x 211 mm / 2.08 kg.

7.95 x 7.87 x 8.31 in / 4.59 lb.

## Packaging

265 x 243 x 160 mm / 2.65 kg.

10.43 x 9.57 x 6.30 in / 5.84 lb.

## ESD Note:

All B.IRON components comply with CE standards, but the tool itself is not grounded.

Therefore, to comply with ESD regulations, the user of the B.IRON tool must be ESD grounded.

Item no.	<b>WL92418</b>
Model line	B-IRON
Manufacturer	JBC
Manufacturer article no.	BIS-5C
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei

[www.jbctools.com](http://www.jbctools.com)

Length	202 mm
Width	211 mm
Height	200 mm
Sales unit	1 piece
Content unit	1 piece
Power	40 W
Voltage	100 – 240 V
Temperature range °C	100 – 450 °C
Temperature accuracy °C	± 3 %
Station (type)	soldering station
ESD compliant	yes

