

# JBC

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

## INSTRUCTION MANUAL



## Auto-Feed Iron

Ref. SF250-A

# Packing List

The following items should be included:

**Auto-feed Iron** ..... 1 unit

Ref. SF250-B

*Includes: C250403 Cartridge*



**Allen Key 2,5mm** ..... 1 unit

Ref. 0780493



**Stand** ..... 1 unit

Ref. 0004960



**Manual** ..... 1 unit

Ref. 0021941



## Features

The Solder Feed Iron is connectable to the Solder Feeder SF and a Soldering Station at the same time, be it a Modular Station or a Compact Station.

**Control Unit**



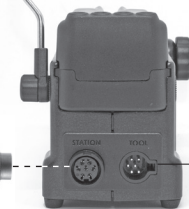
**Solder Feeder**  
Ref. SF-B



**Stand Cable**  
Ref. 0011283



**Stand**  
Ref. SF250-SE



**Auto-feed Iron**  
Ref. SF250-A

# Changing cartridge

For a safe cartridge change, unplug the tool or turn the station off before following these guidelines:

1. Loosen the cartridge screw to release it. Place the new cartridge in the Auto-feed iron.



2. Align the tip of the cartridge with the solder Guide tube.

**Important:** It is essential to insert the cartridge till the end for a good connection. Use the mark as reference. Tighten the cartridge screw.

3. You must leave a gap of 8-10 mm (0.31 - 0.40 in) between the tip and the end of the Guide tube.

4. Loosen the guide screw. Adjust the Guide tube and tighten the screw.



## Compatible Cartridges

The **SF250-A** Auto-feed Iron works with C250 cartridge range. Find the model that best suits your soldering needs in [www.jbctools.com](http://www.jbctools.com)



C250-420



C250-401



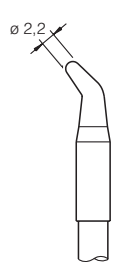
C250-402



C250-403



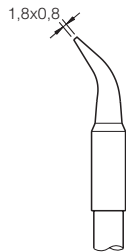
C250-409



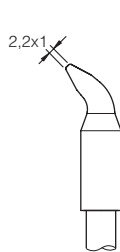
C250-410



C250-404



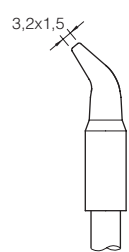
C250-405



C250-406



C250-412



C250-418



C250-407



C250-408



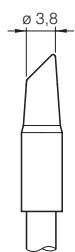
C250-411



C250-413



C250-414



C250-415

Note: All the cartridges shown are actual size.

# Accessories

## Fume Extractor

Ref. F4468 - 2 m (78.74 ft) length.

The fume extractor for AL250 is an easy & safe solution to suck the fume generated at the solder joint.



## Support

Ref. AL-IA



## Maintenance

Before carrying out maintenance, always allow the equipment to cool.

- Before carrying out maintenance, always unplug the stand and the tool.
- Check periodically that the metal parts of the tool and the stand are clean to ensure detection of the tool when it is in the stand. Use a damp cloth or alcohol.
- Periodically check all cables and tubes connections.
- Replace any defective or damaged pieces. Use original JBC spare parts only. Repairs should only be performed by a JBC authorized technical service.

## Safety



**It is imperative to follow safety guidelines to prevent electric shock, injury, fire or explosion.**

- Do not use the stands for any purpose other than soldering or rework.
- The power cord must be plugged into approved bases. Be sure that it is properly grounded before use. When unplugging it, hold the plug, not the wire.
- The tool should be placed in the stand when is not in use in order to activate the sleep mode. The soldering tip, the metal part of the tool and the stand may still be hot even when the station is turned off. Handle with care, including when adjusting the stand position.
- Avoid the contact of flux with skin or eyes to prevent irritation.
- Be careful with the fumes produced while soldering.
- Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves while working to avoid personal harm.
- Utmost care must be taken with liquid tin waste which can cause burns.
- Maintenance must not be carried out by children unless supervised.

# Specifications

- Net Weight: 202 gr (0.45 lb)
- Dimensions: 35 x 21 x 182 mm (1.42 x 0.83 x 7.16 in)
- Diameter of solder wire: Ø 0,5 - 1,5 mm (0.02 - 0.059 in)

Complies with CE standards.  
ESD protected.

# JBC

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## Warranty

JBC's two-year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.

Warranty does not cover product wear or misuse.

In case of any manufacturing defect, the equipment must be returned, postage paid, to the dealer where it was purchased.

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This product should not be thrown in the garbage.

In accordance with the European directive 2002/96/EC, electronic equipment at the end of their life must be collected and returned to an authorized recycling facility.



Manual in other languages available on our website

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