

# ALE250 Auto-Feed Iron

The perfect tool when solder amount consistency is required across repetitive solder joints.

## Control Button

By pressing a single button, the tool automatically feeds the precise amount of solder programmed in the station.

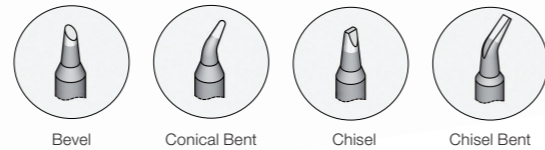


## GALE 10V Guide Kit

The tool is compatible with solder wires from 0.4 mm / 0.02 in up to 1.6 mm / 0.06 in.

## Cartridge Range

AL250 Auto-Feed Iron works exclusively with **C250 Cartridge Range**, which features straight and bent tips to best suit your working needs.



## Guide Tube Sets for ALE250



### References without Solder Wire Perforation

Ref.	Solder Wire Ø mm/in
GALE04D	0.4 / 0.0157
GALE05D	0.5 / 0.0197
GALE06D	0.6 / 0.0236
GALE08D	0.7 - 0.8 / 0.0275 - 0.0315
GALE10D	0.9 - 1.0 / 0.0354 - 0.0039
GALE12D	1.1 - 1.2 / 0.0433 - 0.0472
GALE15D	1.3 - 1.5 / 0.0512 - 0.0590
GALE16D	1.6 / 0.0630

### References with Solder Wire Perforation

Ref.	Solder Wire Ø mm/in
GAL08V	0.8 / 0.0315
GAL10V	1.0 / 0.0394
GAL12V	1.2 / 0.0472
GAL15V	1.5 / 0.0590
GAL16V	1.6 / 0.0748

ESD safe

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



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**AL**  
Auto-Feeder Solder Station

# AL Auto-Feeder Solder Stations

The ideal solution for soldering processes requiring a free hand.

## Intuitive Menu and Interface

A **user-friendly Interface** that allows you to program and personalize your station, feeder and tool settings to make your soldering process more productive.

It allows the operator to work more efficiently thanks to its **3 working modes**:

**Continuous Mode** - Allows the operator to **manually control the amount of solder wire being fed** at selected speed.

**Discontinuous Mode** - Allows the operator to **program the solder wire speed and length** that will automatically be dispensed when the button of the tool is pressed.

**Program Mode** - The operator can **customize up to 5 programs, each one with 3 different steps**, making the process more dynamic and efficient.

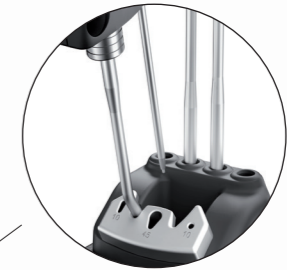
## Guide Sets

Available with or without solder wire perforation. **The perforation allows better flux flow and outgassing**, avoiding solder and flux splashing during the soldering process.



## Solder Wire

The stations allows a solder reel **up to 2kg / 4.40 lb (DIN 100)**.



## Quick Cartridge Extractor and Holder

Save time and increase productivity by using **Quick Cartridge Extractor**, which facilitates **fast and safe use**. It allows storing up to four cartridges.

## Intelligent Heat Management

The stations incorporate **Sleep & Hibernation Modes** that lower tip temperature when the tool is placed in the tool stand.

As a result, JBC tip life lasts up to 5 times longer than other brands.

## Tip Cleaning System

An integrated tip cleaner with antispash rubber to **prevent splashes of solder particles** and maintain the work area clean.

The most **Complete Cleaning System** allows you to choose from two safe methods according to your needs: Metallic Wool and Sponge.

## Specifications

Ref. - Voltage (AC) / Fuse	ALE-9A - 100V
	ALE-1A - 120V
	ALE-2A - 230V
Selectable Temperature	90 to 450 °C / 190 to 840 °F
Operating room temp.	10 to 50 °C / 50 to 122 °F
Output Peak Power	150 W - 23.5 V

Connectivity	USB - B
Tip to ground resistance	<2 ohms
Tip to ground voltage	<2 mV RMS
Equipotential bonding	Optional connection to EPA
<i>Complies with CE standards. ESD Protected.</i>	

Compatible Solder Reel	<b>Weight</b> - up to 2 kg
	<b>Diameter</b> - max. 100mm
	<b>Height</b> - max. 100mm
Wire diameter	0.4 - 1.6 mm / 0.02 - 0.06 in
Max. wire length	250 mm/s / 4.72 in/s
Max. forward speed	50 mm/s / 4.72 in/s