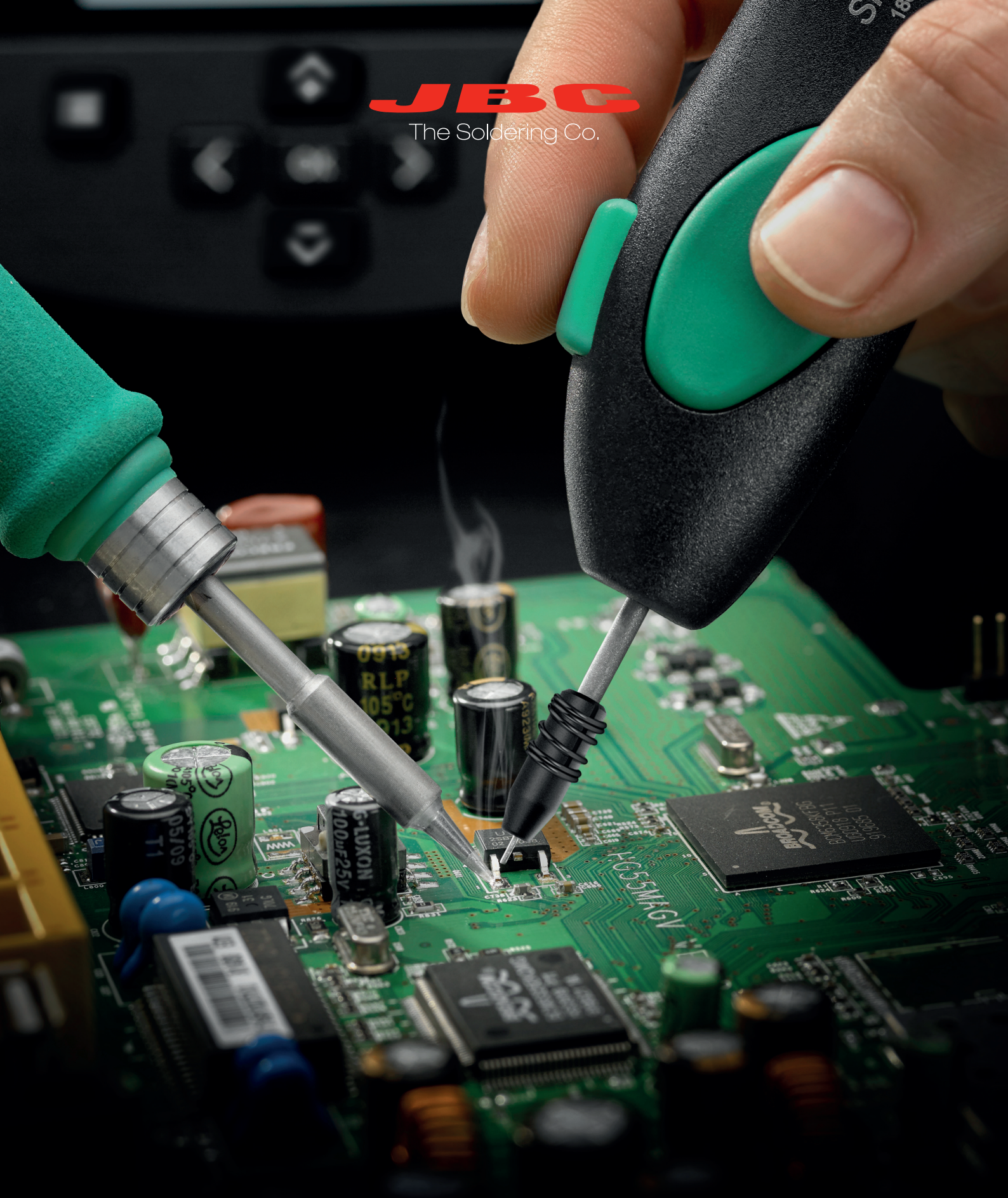


JBC

The Soldering Co.



Automatic Solder-Wire Feeder

Feed solder wire automatically from any position

SF Automatic Solder-Wire Feeder

This Solder-Wire Feeder allows you to feed solder wire automatically from any position.

Dispense an **exact length of wire**

Avoid splashing when soldering thanks to solder-wire perforation

Monitor the solder consumption thanks to integrated counters

3 working modes

In **Continuous Mode** solder wire is fed while the button keeps pushed.

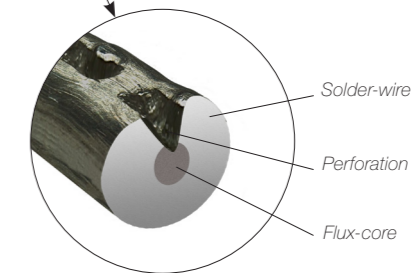
Discontinuous Mode allows the configuration of the speed and the solder wire amount that will be fed on each click.

Program Mode enables the operator to configurate 3 consecutive feeding steps, obtaining a more dynamic and efficient soldering. Up to 5 programs can be set.

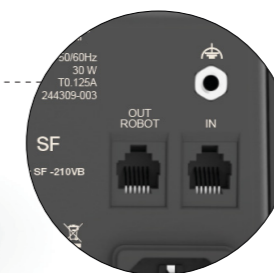


Solder-wire perforation

The solder-wire feeder features a small blade that perforates the solder wire down to the flux core while feeding it. This perforation process allows **better flux flow and outgassing** and **avoids solder and flux splashing** when soldering.



Solder-wire
Perforation
Flux-core



Communication

Connect your station via USB cable to a PC and get to control and trace your soldering production. Peripherals can also be directly connected.

- USB connection (software updates, export graphics and monitor and manage station parameters)
 - Pedal
 - RJ12 robot connector
- Equipped with an easily replaceable earth fuse.

Automatic Solder-Wire Handle

SF280 Automatic Solder-Wire Handle allows you to **feed solder wire automatically from any position**.

It is compatible with different guide kits for solder wires from Ø 0.38 up to 1.8 mm.



Quick adjust feature to adapt the guide tube length to your needs

Specifications

| | | | |
|----------------------------|--|--------------------------|----------------------------|
| Dimensions | 140 x 150 x 120 mm / 5.51 x 5.91 x 4.72 in | Max. Wire length | 250 mm / 9.84 in |
| Weight | 2.32 Kg / 5.11 lb | Max. Forward speed | 120 mm/s / 4.72 in/s |
| Compatible Solder Reel | up to 1 Kg / 2.2 lb | Max. Reverse speed | 120 mm/s / 4.72 in/s |
| Solder diameter | Ø 1 mm (0.04 in) | Ambient operating temp. | 10 - 40 °C / 50 - 104 °F |
| Ref. - Voltage (AC) / Fuse | SF-110VB - 100-120 V / 0.2A | Communication connectors | USB-B, Peripherals |
| | SF-210VB - 230 V / 0.1A | Robot connector | RJ12 for RS-232 connection |

Guide Kits

You can change the guide kit depending on the solder wire used.

References **without** solder-wire perforation

| Ref. | Solder wire Ø |
|---------------|-----------------------------------|
| GSF04D | 0.38 - 0.40 mm / 0.015 - 0.016 in |
| GSF05D | 0.46 - 0.56 mm / 0.018 - 0.022 in |
| GSF06D | 0.60 - 0.64 mm / 0.023 - 0.025 in |
| GSF07D | 0.70 - 0.78 mm / 0.028 - 0.031 in |
| GSF08D | 0.80 - 0.82 mm / 0.032 - 0.033 in |
| GSF10D | 0.90 - 1.10 mm / 0.036 - 0.044 in |
| GSF12D | 1.14 - 1.27 mm / 0.045 - 0.051 in |
| GSF15D | 1.50 - 1.57 mm / 0.060 - 0.063 in |
| GSF16D | 1.60 - 1.63 mm / 0.063 - 0.065 in |
| GSF18D | 1.80 mm / 0.073 in |

References **with** solder-wire perforation

| Ref. | Solder wire Ø |
|---------------|--------------------|
| GSF08V | 0.80 mm / 0.032 in |
| GSF10V | 1.00 mm / 0.040 in |
| GSF12V | 1.20 mm / 0.047 in |

| Ref. | Solder wire Ø |
|---------------|--------------------|
| GSF15V | 1.50 mm / 0.059 in |
| GSF16V | 1.60 mm / 0.063 in |
| GSF18V | 1.80 mm / 0.073 in |



Stand

SFS Stand works exclusively with SF280 Automatic Solder-Wire Handle.

Tool Holder position is easily adjustable to suit your needs and **Cable Collector** is designed for perfect movement adaptation and to keep cables away from the working area.

