



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

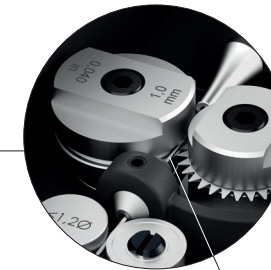
Monitor the solder consumption thanks to integrated counters

3 working modes

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

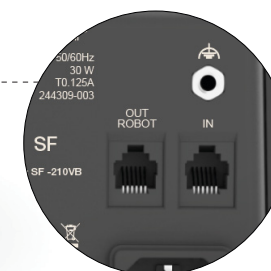
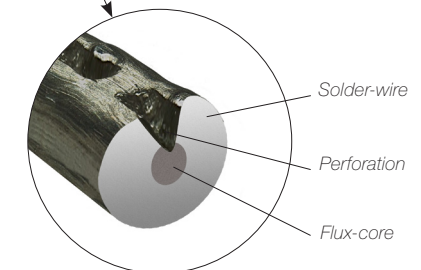
Discontinuous Mode allows the configuration of the speed and the solder wire amount that will be fed on each click.

Program Mode enables the operator to configure 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.



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
Weight	2.32 Kg / 5.11 lb
Compatible Solder Reel	up to 1 Kg / 2.2 lb
Solder diameter	Ø 1 mm (0.04 in)
Ref. - Voltage (AC) / Fuse	SF-110VB - 100-120 V / 0.2A SF-210VB - 230 V / 0.1A

Max. Wire length	250 mm / 9.84 in
Max. Forward speed	120 mm/s / 4.72 in/s
Max. Reverse speed	120 mm/s / 4.72 in/s
Ambient operating temp.	10 - 40 °C / 50 - 104 °F
Communication connectors	USB-B, Peripherals
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.



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