

# **JBC**

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



**Automatic** Solder Feeder V-Cut

# Why Solder Feeder?

**Feed** solder wire  
automatically  
from any position

**V-Cut**  
Avoid splashing  
when soldering

## Solder Feeder

High precision in the length of wire dispensed

Ref. **SF-110VA** 100 V / 120 V, **SF-210VA** 230 V

**Included** SF-A Control Unit  
SF280-A Solder Feed Handle  
GSF10V - Guide set Ø 1mm  
Tools set

**Optional** SF-SD stand

### • 2 working modes

Continuous and discontinuous  
that allow control over wire  
length and dispensing speed

- **Set up** up to 35 dynamic  
programs executed  
cyclically

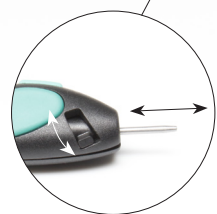
## Solder Feed Handle

Feed solder wire easily

Ref. **SF280-A**

### Wire Feeder

Compatible with solder  
diameters from Ø 0.8 mm,  
1 mm & 1,5 mm



**Quick adjust feature**  
Adjust the guide tube  
according to your needs



**Stability** and  
**control** of the  
process

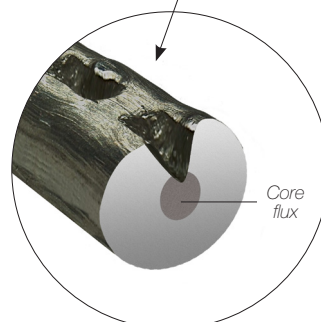
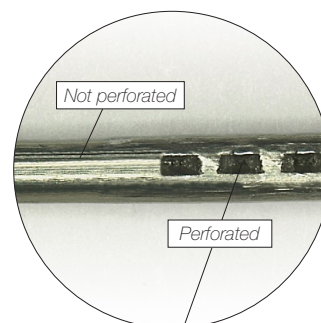
**Monitor** the solder  
consumption thanks  
to integrated counters

## Flux & solder antisplash thanks to V-cut



The blade perforates solder wire down to the flux core while feeding it.

This perforation process allows better flux flow and outgassing during the soldering process, resulting in less solder and flux splashing.



## Accessories

You can change the guide set  
depending on the solder wire used

Ref. **GSF08V** - wire Ø 0,8 mm

Ref. **GSF10V** - wire Ø 1 mm

Ref. **GSF15V** - wire Ø 1,5 mm



# Connectivity

Set it up from Excellence stations, Robot system and PC.



## USB-A Port

You can update the latest software and manage the parameters from a PC with the Software Manager. Available in [www.jbctools.com](http://www.jbctools.com)

## RJ12 Connector

You can also manage the SF using a robotic system or the JBC Excellence stations by means of the RJ12 connector. This allows the integration in automated soldering processes.



## P005-A Pedal

You can use the pedal instead of the tool button

## Specifications

Dimensions	150 x 120 x 115 mm
Weight	1,9 Kg (4.2 lb)
Spool capacity	up to 1 Kg (2.2 lb)
Solder diameter	Ø 1 mm (0.04 in)
Ref. - Voltage (AC) / Fuse	<b>SF110-VA</b> - 100 V - 120 V / 0,2A <b>SF210-VA</b> - 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

