

The JBC logo is rendered in a bold, italicized, red sans-serif font, positioned at the top center of the image. The background is a close-up photograph of an automated soldering head, showing various mechanical components, blue cables, and a black control block with the JBC logo and model number TRA470-A. The lighting is dramatic, highlighting the metallic surfaces and the precision of the equipment.

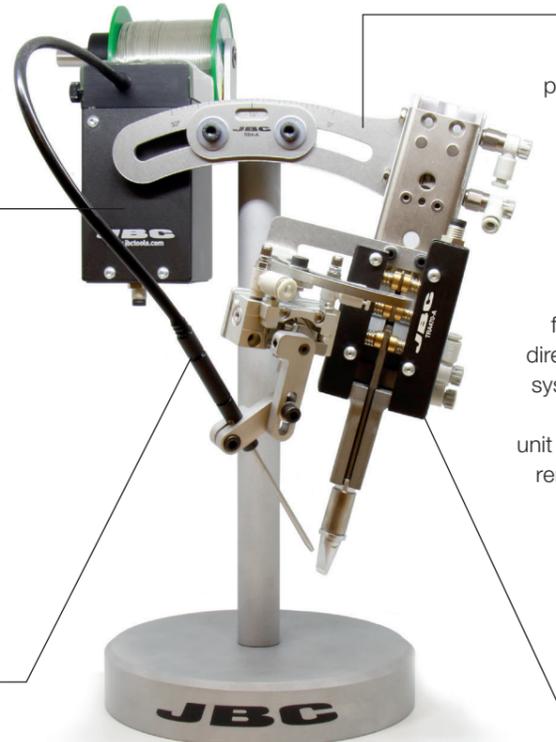
JBC

www.jbctools.com

Soldering Tools for Automated Soldering
Soldering Head for Automation

Soldering Tools for Automation

Ref. **SFR-A**
Solder Feeder
Compact unit compatible with several solder wire diameters. Adaptable control parameters such as wire length and dispensing speed. It features a wire detector sensor (blocked up or finished).



Ref. **RBA-A**
Soldering Head
Can be combined with peripheral modules such as solder feeder, solder reel, fume extractor tube and soldering irons, as well as a camera to monitor the process. Its lifting unit allows a fast movement in Z-axis direction. It also features a system to soften collision. The dispenser pivoting unit facilitates cleaning and removal of the cartridge.

Ref. **GSFR**
Guide Kit
The solder feeder works with GSFR-Kits. These kits are compatible with solder wire diameters Ø 0.8, 1 and 1.5 mm (with solder wire perforation) and from Ø 0.5 up to 1.5 mm (without solder wire perforation).

Ref. **CLMR-A**
Tip Cleaner
Features a large capacity tank with easy extraction and a wide opening for an easy tip access. Its position can be pivoted up to 35° in both directions to facilitate the robot arm access. Brushes are exchangeable and are available in different types.



Ref. **CLMU-A8**

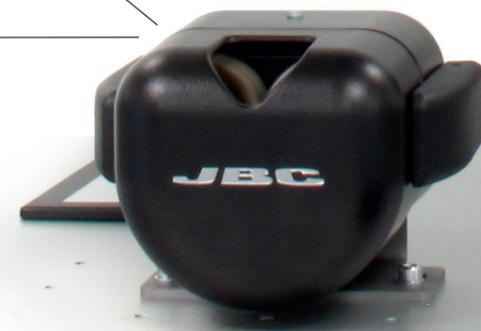
Ref. **CLMU-P1**
Non metal brushes



Ref. **CLMU-A7**

Ref. **CLMU-P7**
Non metal brushes

Ref. **CLMU-A8 & A7 & P1 & P7**
Brushes
Choose between metal and non-metal brushes. Black and blue-core brushes are used to distinguish when doing lead-free and leaded soldering.



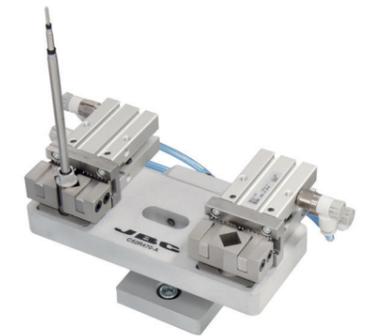
Ref. **TR245-A & TR470-A**
Soldering Iron
These tools are used with the newly designed cartridges, which have been specially developed for automated soldering processes. They feature a quick cartridge extraction and a very precise positioning system.



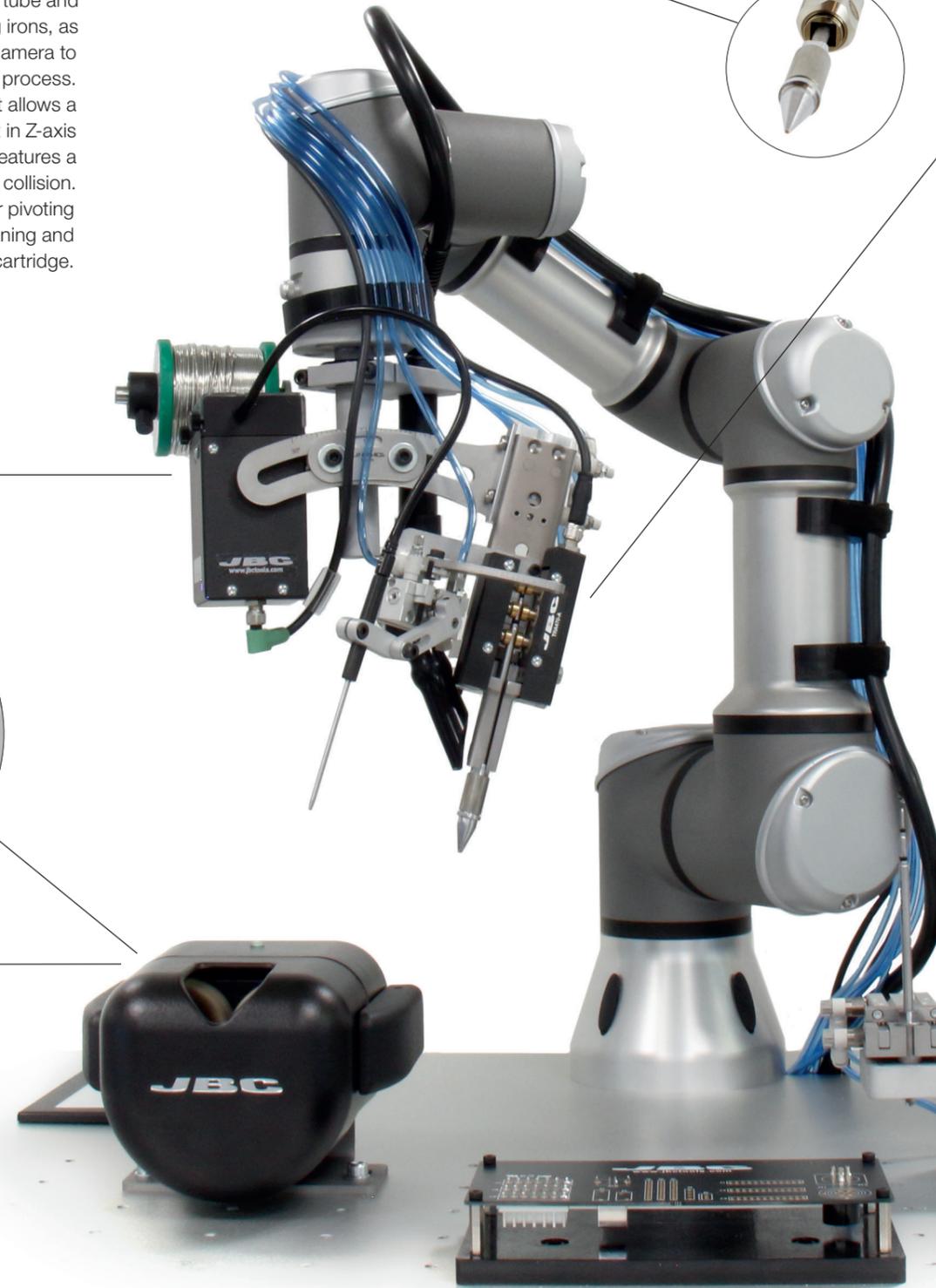
Ref. **TRA245-A & TRA470-A**
Automatic Soldering Iron
These soldering irons allow an automatic cartridge exchange and are used in combination with the Automatic Cartridge Stand.



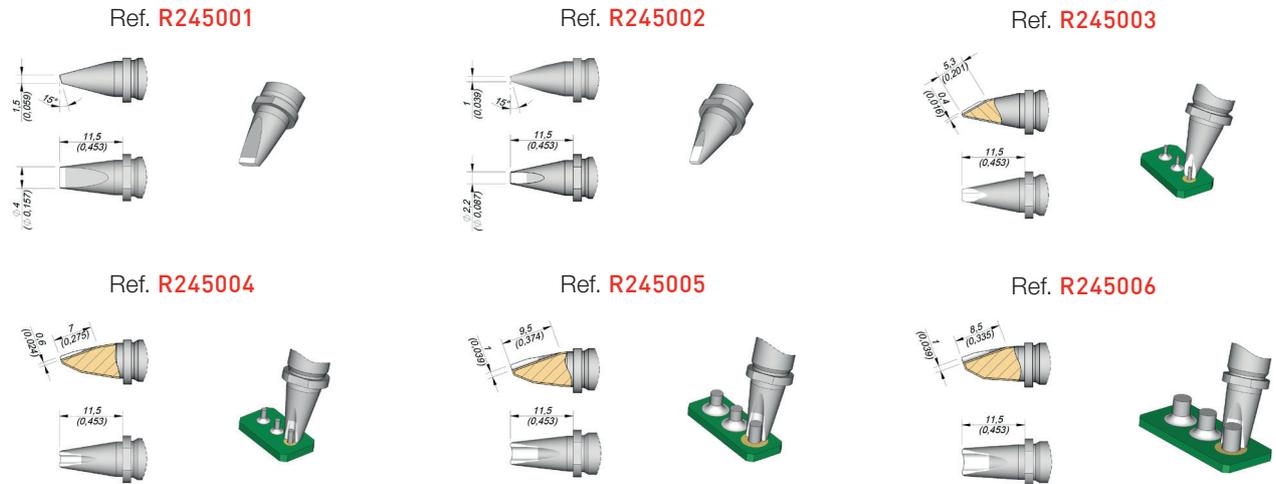
Ref. **CS2R245-A & CS2R470-A**
Cartridge Stand
The Cartridge Stand is to be used in combination with the Automatic Soldering Iron. Its position can be pivoted up to 35° in both directions.



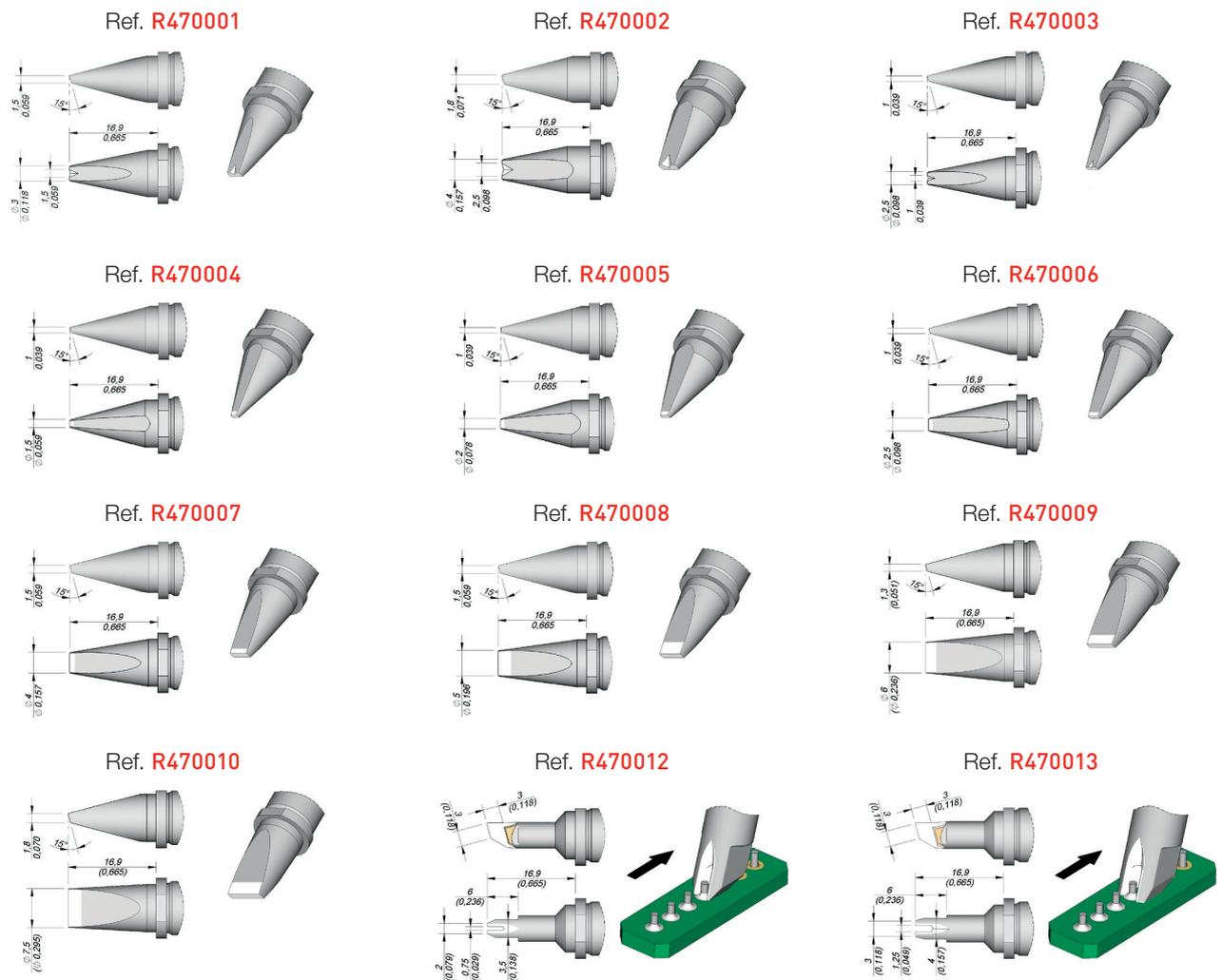
Ref. **UCR245-5A & UCR470-5A**
Control Unit
This high power Control Unit can be connected to a robot by means of an M8-5pins connector, using the RS232 JBC Communication Protocol.



R245 Cartridge Range for Automation



R470 Cartridge Range for Automation



JBC offers you the possibility to manufacture any type of cartridge tip shapes.

