

JBC

www.jbctools.com



Heavy Duty station

High power for industrial soldering applications

Why Heavy Duty?

Highest Power
250 wats
peak power

The exclusive solution
for high thermal demands
and prolonged soldering
applications

The answer to your needs
Used in production of solar panels,
multi-layered circuits and components
of large dissipation surfaces

HDE-B Heavy Duty station

Industrial use equipment ready to work intensively

Intuitive Menu

Easy browsing for working with total comfort

Customizable station
Personalize the parameters according to your work needs.

Partial counters
Total and partial time registration for each port: work, sleep and hibernation hours.

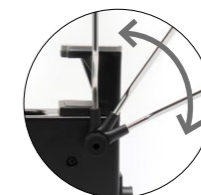
Graphics
Optimize soldering quality by analyzing the temperature and power data.

Communication Station-PC
Update station software and export graphics via PC.

B-Net, your Soldering Network
Organize, manage and control all the stations from your PC.



Stand
Extend the tip life



Intelligent Heat Management
When the tool is placed on the stand the **Sleep & Hibernation** features reduce the temperature and extend a tip's life up to 5x longer.

Suit position
The tool holder and the cable collector are easily adjustable.

Increase productivity
Save time by using the quick cartridge changer. This allows you to work on different soldering jobs.

Tip Cleaner
Improve thermal transfer of the tip

Choose from 3 safe methods according to your needs: **brass wool, inox wool or sponge.** The integrated wiper also allows you to remove excess solder from the tip single-handedly.



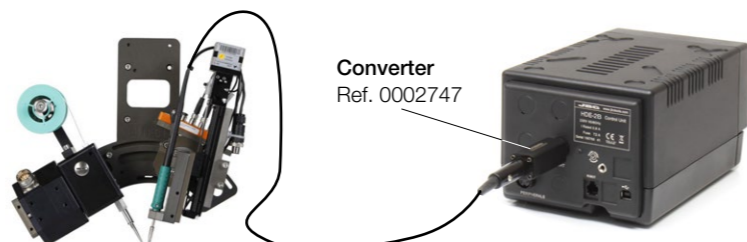
Tip Wiper



Sponge

Robots
Automate the soldering process by managing the station via Robot.

HDRE-B Robot station
For repetitive jobs requiring precise movements. The Converter (Ref. 0002747) is required.



Specifications

Dimensions	145 x 120 x 225 mm
HDE-A Weight	5.9 Kg (13.1 lb)
KHT470A Weight	1.5 Kg (3.3 lb)
Output peak power	250 W
	HDE-1B - 120 V / 4A
	HDE-2B - 230 V / 2A
	HDE-9B - 100 V / 4A
Ref. - Voltage (AC) / Fuse	

Temperature selection	90 - 500 °C 190 - 932 °F)
Idle Temp. Stability	±1.5 °C (±3 °F)
Tip to ground voltage	< 2 mV RMS
Tip to ground resistance	<2 ohms
Ambient operating temp.	10 - 40 °C (50 - 104 °F)
Communication connectors	USB-A, USB-B, Peripherals
Robot connector	RJ12 for RS-232 connection

Heavy Duty Connectables

HD Thermal Tweezers

Reduce handling time

KHT470A HD Tweezers Kit

It requires 2 HDE Heavy Duty control units in order to manage the cartridges individually and optimize their thermal performance.



T470 HD Handles

For greater demands

For intensive soldering jobs requiring continued high thermal power. They feature a non-slip-grip with a good thermal insulation and a screw which fixes the cartridge and prevents rotation.

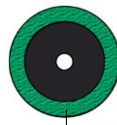
T470-A HD Purposes

T470-SA HD Purposes with 3m cable

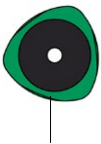


T470-FA Thermal Insulation Grip

T470-MA Thermal Insulation Grip with 3m cable



T470-ZA Tri-lobed grip



Tri-lobed shape for better handling

Foam

T470-NA HD Nitrogen



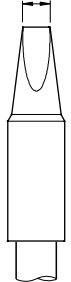
Nitrogen feed

The JBC GN-A Nitrogen Generator Module or an external nitrogen feed is needed.

C470 Cartridge range

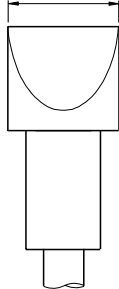
Find the C470 cartridges that best suit your needs in www.jbctools.com

4x1,3



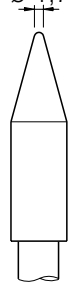
C470-014

15,5x2,5

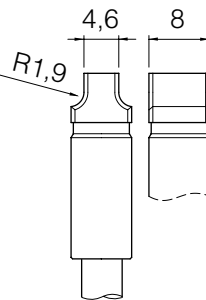


C470-007

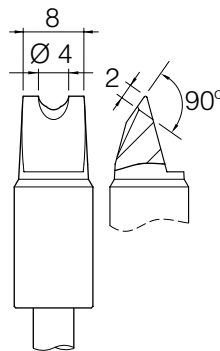
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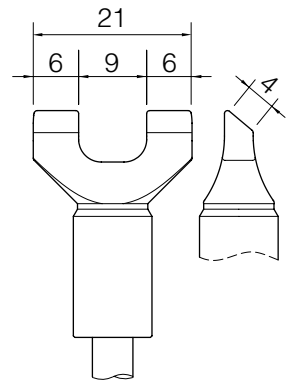
C470-001



C470-050



C470-055



C470-051

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