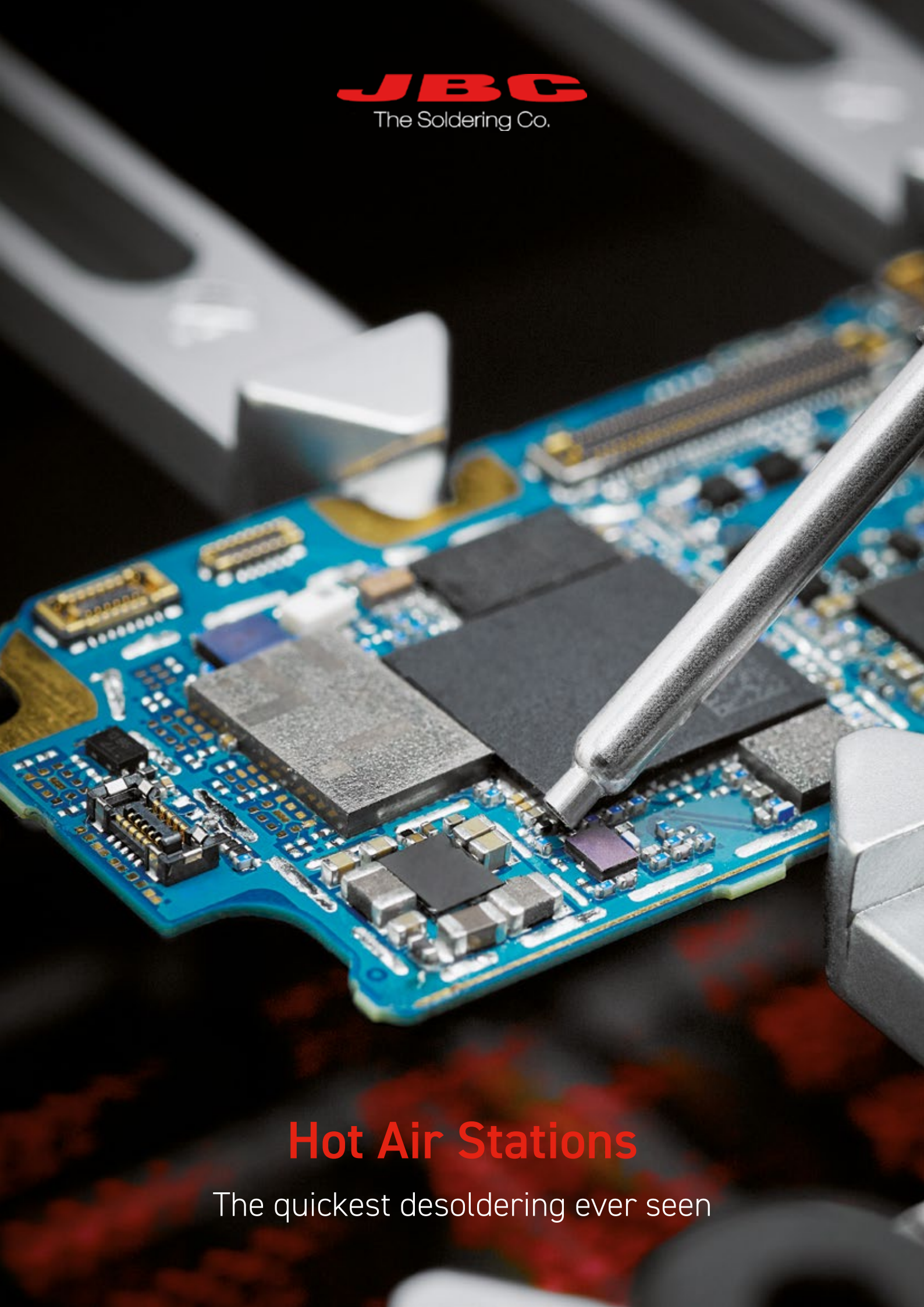
JBC
The Soldering Co.



Hot Air Stations

The quickest desoldering ever seen

Hot Air Stations

High-powered Hot Air Stations to rework all types of SMDs. The combination of the exclusive JBC Hot Air System with protectors, tripods and extractors ensures desoldering components easily and safely.

JNA
High-Precision Hot Air Station

JNA is the only Hot Air Station to rework, position and remove SMDs without affecting nearby components, perfect for reworking SMDs on areas with minimal separation.

Auto Start / Stop function
The tool is turned on when lifted from the stand, and the auto-stop function, as a safety measure, guarantees that the heat is automatically cut off when the tool is in the stand. It is safer and more efficient.

Changing Cartridge
Save time and increase productivity by using NHS Stand, which facilitates fast and safe exchange of the cartridge.

Pick & Place
The station includes a Pick & Place functionality to position and remove components with high precision.

1mm
0.039in

J125010 Cartridge is perfect to rework the smallest SMDs from 01005 to SOIC-8 under the magnifying glass.

Specifications

Control Unit Dimensions	180 x 170 x 110 mm / 7.1 x 6.7 x 4.3 in
Control Unit Weight	1.35 Kg / 2.96 lb
Ref. - Voltage (AC) / Fuse	**JNASE-9A** - 100V 50/60Hz / Main fuse: T2A **JNASE-1A** - 120V 50/60Hz / Main fuse: T2A **JNASE-2A** - 230V 50/60Hz / Main fuse: T2A
Airflow Regulation	0.15 - 2.5 SLPM

Temperature selection	Room Temp. / 150 - 450 ºC / 300 - 840 ºF
Nominal power	70W
Operating temp. range	10 - 50 ºC / 50 - 122 ºF
Vacuum	53% / 397 mmHg / 15.6 inHg
Rated current	0.85A

Control Temperature & Airflow

Using the menu you can personalize over 20 parameters to help manage the soldering or desoldering process. Profile Mode allows you to create/edit a profile to control three different parameters point by point: temperature, time to reach it and airflow percentage. It can store up to 25 different profiles.

TE & JT
Hot Air Stations

TE
Precision Hot Air Station
For reworking small and medium-sized SMDs.

JT
Hot Air Station
For reworking big SMDs.

JTQ & **TEQ**
Hot Air Stations without ESHT Extractor Stand

Thermocouple connection
Connect a TC type K to control the temperature on PCBs and components in real time

Adjustable TFT Screen

Safer and cost-effective
The Auto-Stop function is a security measure that guarantees the automatic stop of the tool once in the stand, preventing potential incidents such as stand overheating. In addition, it saves power and lengthens the heater life.

JTT Heater Hose Set

TET Precision Heater Hose Set

Specifications

Control Unit Dimensions	148 x 184 x 140 mm / 5.83 x 7.24 x 5.51 in
Control Unit Weight	1.9 Kg / 10.86 lb
Ref. - Voltage (AC) / Fuse	**TESE-1A / JTSE-1A** - 100-120V 50/60Hz. Input fuse: 8A **TESE-2A / JTSE-2A** - 230V 50/60Hz. Input fuse: 4A
Airflow Regulation	2-17 SLPM (TE) 5-50 SLPM (JT)

Temperature selection	Room Temp. / 150 - 450 ºC / 300 - 840 ºF
Nominal power	300W (TE) 700W (JT)
Operating temp.range	10 - 50 ºC / 50 - 122 ºF
Vacuum	30% / 228 mmHg / 9 inHg
Rated current	3A (230 V) / 7A (100-120 V)

Hot Air Accessories

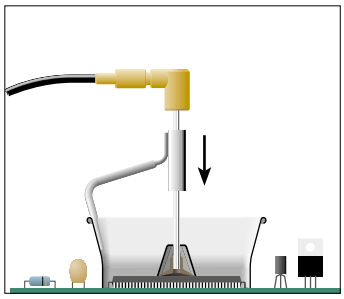
Quick and safe desoldering

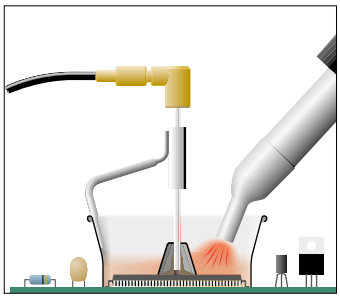
JBC Hot Air Stations use extractors to protect adjacent components.

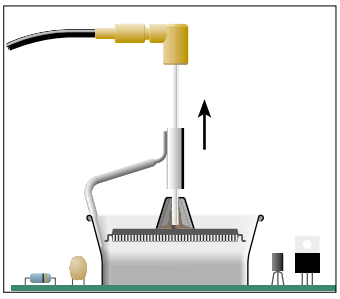
1 Placing
JBC features a wide range of extractors, tripods and protectors so you can choose one to suit the component.

2 Heating
The adjacent components are protected by concentrating heat only on the component you are working on.

3 Releasing
The component lifts off automatically.







Choose the model to suit your desoldering needs

Protectors

Ref.	A x B (mm)	Ref.	A x B (mm)	Ref.	A x B (mm)
P3353	4.3 x 3	P2220 *	10 x 10	P4010 *	17 x 17
P3786	5.2 x 5.2	P4045	10.5 x 21	P4005	18 x 29
P3352	5.2 x 7.5	P4090	11 x 16	P4030	18.5 x 18.5
P3355	5.2 x 9.5	P2235 *	12 x 17	P1068	18.5 x 24
P3356	6.2 x 4.2	P1249	12 x 23	P2685	28.5 x 28.5
P3785	7.2 x 7.2	P4000 *	12.5 x 12.5	P4085	31.5 x 31.5
P3784	8.2 x 8.2	P1593	13 x 31.5	P2672	33 x 46
P4035	9 x 13	P3354	13.2 x 13.2	P4002	50 x 50
P4040	9.5 x 19	P4025	13.5 x 21.5	P3357	52.5 x 14
P4080	9.5 x 21	P2230 *	15 x 15		

**Supplied with ESHT Extractor Stand*

Extractors

Ref.	Size (mm)
E2052 *	20 x 20
E2064 *	20 x 26
E2184 *	24 x 24
E2068	27 x 27
E4020	28.5 x 28.5
E4015	31.5 x 31.5
E2084	33 x 33
E2100	38 x 38
E2124	45 x 45
E2190	Ø 7

**Supplied with ESHT Extractor Stand*

Tripods

Ref.	Size (mm)
T2050 *	Ø 39
T2250 *	Ø 85

**Supplied with ESHT Extractor Stand*

TE Nozzles

	Ref.	Size (mm)
Bent	TN9787	Ø 3
	TN9785	Ø 4
	TN9782	Ø 5
	TN8851	Ø 3 (45º)
	TN8905	Ø 4 (45º)
	TN9561	Ø 5 (45º)
Straight	TN9209*	Ø 3
	TN9208*	Ø 4
	TN9080*	Ø 5

**Supplied with ESHT Extractor Stand*

JT Nozzles

	Ref.	Size (mm)
Bent	JN2015 *	Ø 4
	JN2012 *	Ø 6
	JN6633	Ø 8
Straight	JN2020 *	Ø 8
	JN8417	Ø 10
Flat	JN7637	10 X 2
	JN7638	20 X 2
	JN7639	30 X 2

**Supplied with ESHT Extractor Stand*

ESD safe

www.jbctools.com

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