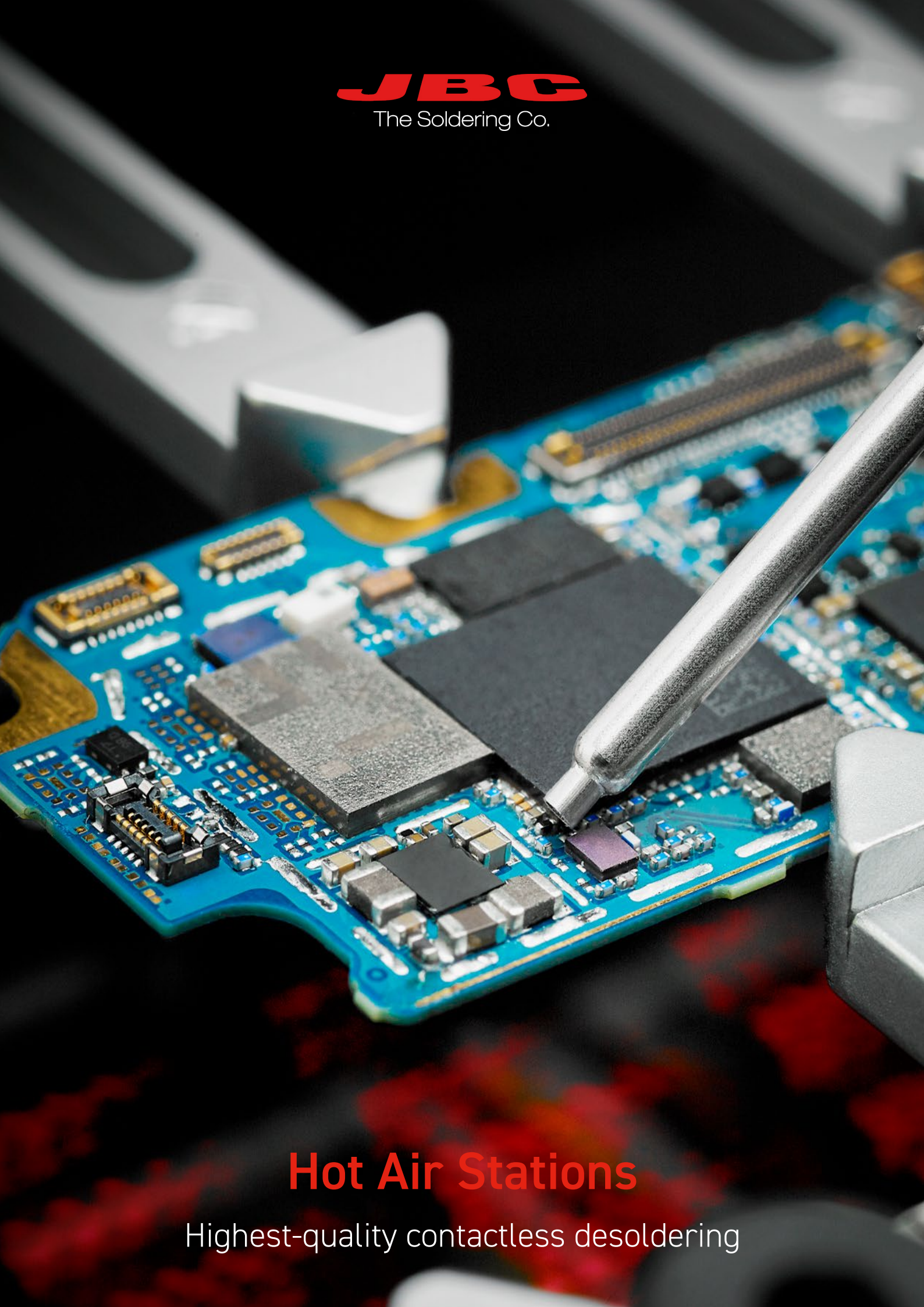
JBC
The Soldering Co.



Hot Air Stations

Highest-quality contactless desoldering

Hot Air Stations

JBC Hot Air Stations have the capability of controlling precise temperature and airflow.

JNASE High-Precision Hot Air Station

JNASE reworks SMDs without affecting nearby components and is, therefore, perfect for areas with minimal separation.

Auto-Start and Auto-Stop Function

JNASE has an auto-start function, which means the station is turned on when the tool is lifted from the stand. The auto-stop function, as a safety measure in all hot air stations, guarantees that the heat is automatically cut off when the tool is in the stand. It saves power and lengthens the heater life.

Changing Cartridge

Save time and increase productivity by using NAS 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.

J125030 *J125410* *J125010*

J125 Cartridges are 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

JBC The Soldering Co.

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 and 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.

TESE Precision Hot Air Station
JTSE Power Hot Air Station

TESE for rework of small and medium SMDs and JTSE for medium and large SMDs.

Thermocouple connection

Connect an external Type K Thermocouple (TC) to set modes:
· **Regulation Mode** provides a high-precise close-loop to automatically maintain the external Thermocouple (TC) temperature.
· **Protection Mode** is used to protect any heat sensitive areas or components. The station cuts the air supply off when the TC temperature is reached.

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-1B / JTSE-1B** - 100-120V 50/60Hz. Input fuse: 8A **TESE-2B / JTSE-2B** - 230V 50/60Hz. Input fuse: 4A
Airflow regulation	2-17 SLPM (TESE) 5-50 SLPM (JTSE)

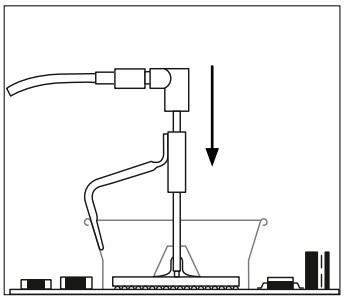
Temperature selection	Room Temp. / 150 - 450 ºC / 300 - 840 ºF
Nominal power	300W (TESE) 700W (JTSE)
Operating temp.range	10 - 50 ºC / 50 - 122 ºF
Vacuum	30% / 228 mmHg / 9 inHg
Rated current	3A (230 V) / 7A (100-120 V)

Hot Air Accessories

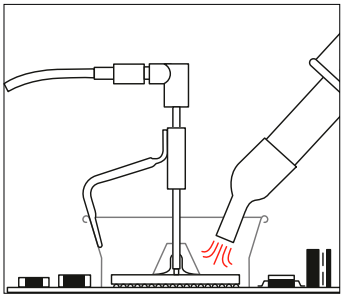
Quick and safe desoldering

JBC Hot Air Stations use extractors to protect adjacent components.

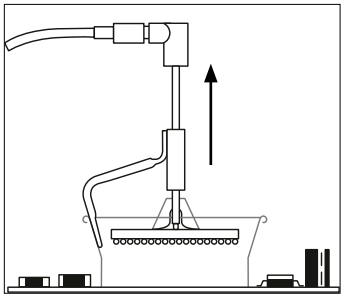
1 Placing
JBC features a wide range of extractors, tripods and protectors so you can choose the most suitable one for the component.



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/in	Ref.	A x B mm/in	Ref.	A x B mm/in
P3353	4.3 x 3 / 0.17 x 0.12	P2220	10 x 10 / 0.39 x 0.39	P4010	17 x 17 / 0.67
P3786	5.2 x 5.2 / 0.20 x 0.20	P4045	10.5 x 21 / 0.41 x 0.83	P4005	18 x 29 / 0.71 x 1.14
P3352	5.2 x 7.5 / 0.20 x 0.29	P4090	11 x 16 / 0.43 x 0.63	P4030	18.5 x 18.5 / 0.73 x 0.73
P3355	5.2 x 9.5 / 0.20 x 0.37	P2235	12 x 17 / 0.47 x 0.67	P1068	18.5 x 24 / 0.73 x 0.94
P3356	6.2 x 4.2 / 0.24 x 0.16	P1249	12 x 23 / 0.47 x 0.90	P2685	28.5 x 28.5 / 1.12 x 1.12
P3785	7.2 x 7.2 / 0.28 x 0.28	P4000	12.5 x 12.5 / 0.49 x 0.49	P4085	31.5 x 31.5 / 1.24 x 1.24
P3784	8.2 x 8.2 / 0.32 x 0.32	P1593	13 x 31.5 / 0.51 x 1.24	P2672	33 x 46 / 1.30 x 1.81
P4035	9 x 13 / 0.35 x 0.51	P3354	13.2 x 13.2 / 0.52 x 0.52	P4002	50 x 50 / 1.97 x 1.97
P4040	9.5 x 19 / 0.37 x 0.75	P4025	13.5 x 21.5 / 0.53 x 0.85	P3357	52.5 x 14 / 2.07 x 0.55
P4080	9.5 x 21 / 0.37 x 0.83	P2230	15 x 15 / 0.59 x 0.59		

Extractors

Ref.	Size mm/in
E2052	20 x 20 / 0.79 x 0.79
E2064	20 x 26 / 0.79 x 1.02
E2184	24 x 24 / 0.94 x 0.94
E2068	27 x 27 / 1.06 x 1.06
E4020	28.5 x 28.5 / 1.22 x 1.22
E4015	31.5 x 31.5 / 1.24 x 1.24
E2084	33 x 33 / 1.3 x 1.3
E2100	38 x 38 / 1.5 x 1.5
E2124	45 x 45 / 1.77
E2190	Ø 7 / 0.27 (manual)

Tripods

Ref.	Size mm/in
T2050	Ø 39 / 1.53
T2250	Ø 85 / 3.35

TN Nozzles

	Ref.	Size mm/in
Bent 	TN9787	Ø 3 / 0.12
	TN9785	Ø 4 / 0.16
	TN9782	Ø 5 / 0.20
	TN8851	Ø 3 / 0.12 (45º)
	TN8905	Ø 4 / 0.16 (45º)
	TN9561	Ø 5 / 0.20 (45º)
Straight 	TN9209	Ø 3 / 0.12
	TN9208	Ø 4 / 0.16
	TN9080	Ø 5 / 0.20

JN Nozzles

	Ref.	Size mm/in
Bent 	JN2015	Ø 4 / 0.16
	JN2012	Ø 6 / 0.24
	JN6633	Ø 8 / 0.31
Straight 	JN2020	Ø 8 / 0.31
	JN8417	Ø 10 / 0.39
Flat 	JN7637	10 x 2 / 0.39 x 0.08
	JN7638	20 x 2 / 0.79 x 0.08
	JN7639	30 x 2 / 1.18 x 0.08

ESD safe

www.jbctools.com

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