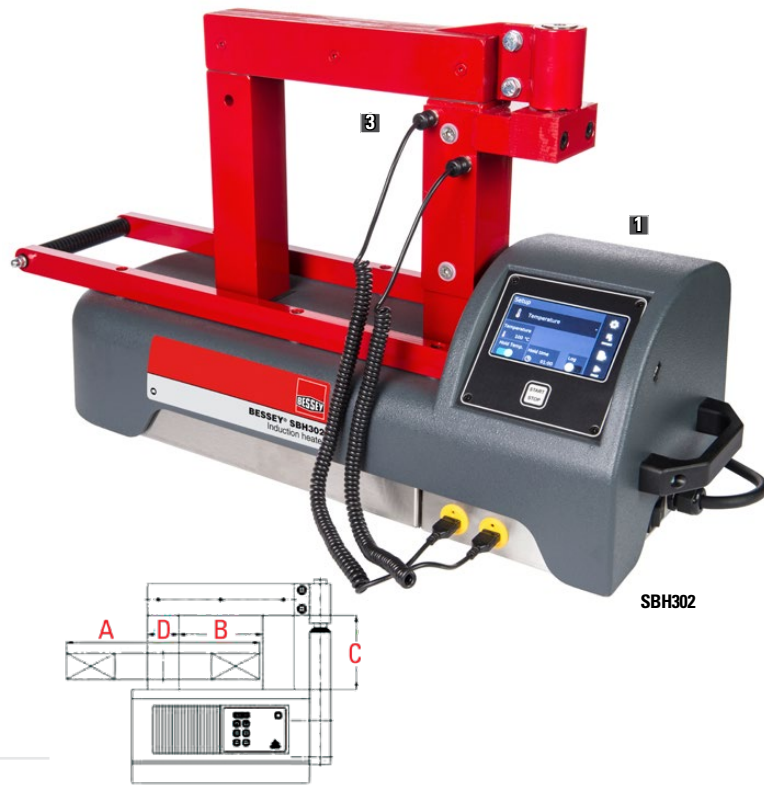


Bearing heaters

Portable induction bearing heaters



Proper bearing installation is essential to maximum bearing life. By heating prior to installation, the bearing expands and slides easily onto the shaft. Magnetic induction is a safe and efficient method of generating heat to expand bearings for installation. No open flame or hot oil to worry about. Magnetic induction heats bearings evenly and quicker than hot plates.



1 Digital temperature and time control

All PV and SBH models feature digital time/temperature display controls as well as a magnetic probe.

2 Improve productivity

BESSEY® Induction bearing heaters help extend the useful life of bearings. Reducing the frequency of bearing maintenance means lower operating costs.

3 Vertical or Horizontal heating

SBH and SVH Series heat vertically or horizontally. Horizontal position heating time is generally 3 to 4 times faster.

4 SBH SMART Series

The SBH SMART Series is an industry leading and innovative tool. Dual sensors, data storage and export that allows proof-of-work.

Portable digital temperature control, certified PV2412

This lightweight portable bearing heater can move to the work piece, decreasing the possibility of damaging the work piece while moving throughout your facility. Cross bars, heat resistant gloves, magnetic temperature probe, Vaseline and manual are all conveniently stored within the carrying case. An easy to use keypad and controls make this bearing heater simple to operate. Comes with 5 cross bars: ¼", ⅜", ½", ⅝", 1 ⅛".

| | Volt / Amps | Max. weight ± lb bearings | Min. ID | Max. OD | Max. width | Max. horizontal heating width | Cross section poles | Temperature control max reach | Time control max reach | Approx. weight without cross bars |
|---------------|-------------|---------------------------|---------|---------|------------|-------------------------------|---------------------|-------------------------------|------------------------|-----------------------------------|
| | | | | A | B | C | D | | | |
| PV2412 | 120/15 | 44 lbs | ¾" | 9 ½" | 4 ¾" | — | 1 ⅝" | 302°F | 0-30 min. | 47 lbs |



*Bearings not included

SBH SMART series

The SMART series offers more control over the heating process. These models have a modern easy-to-use touchscreen and 2 temperature probes for dual temperature sensing (Delta T). This allows more control over the heating process and less metallurgical "tension". A clear graph also shows the heating process. Features include:

- Ability to create proof of work
- Tension-free heating (Delta T)
- Log function to store data or export to a USB-stick
- Heats according to preset temperature/time curve

| | Volt / Amps | Max. weight ± lb bearings | Min. ID | Max. OD | Max. width | Max. horizontal heating width | Cross section poles | Temperature control max reach | Time control max reach | Approx. weight without cross bars |
|---------------|-------------|---------------------------|-------------------|-----------|------------|-------------------------------|---------------------|-------------------------------|------------------------|-----------------------------------|
| | | | | A | B | C | D | | | |
| SBH301 | 120/13 | 110 lbs | 7/16"/2 3/16" | 15 3/4" | 4 23/32" | 4 11/16" | 1 9/16" x 2" | 464°F | 0-99 min. | 46.3 lbs |
| SBH302 | 120/15 | 220 lbs | 1 13/16"/2 13/16" | 19 11/16" | 7" | 7" | 1 3/8" x 2" | 464°F | 0-99 min. | 68.34 lbs |
| SBH303 | 230/16 | 303 lbs | 1 5/16"/4 3/8" | 23 5/8" | 8 1/4" | 7 7/8" | 2 3/4" x 3" | 464°F | 0-99 min. | 114.60 lbs |

*Number of cross bars and sizes: **SBH301** = 3 cross bars; ¼" x ¼", ⅝" x ⅝", 1 ⅛" x 2"
SBH302 = 2 cross bars; 13/16" x 13/16", 2" x 2"
SBH303 = 2 cross bars; 1 ¼" x 1 ¼", 2 ¾" x 3 ½"

NEW



*Bearings not included

Bearing heaters

Portable induction bearing heaters



Fast action, benchtop digital temperature control, certified SVH5223

Featuring a swivel arm for faster change ups. This bearing heater can be used in vertical and horizontal heating applications. Turbo feature available when used in the horizontal position. Comes with 3 cross bars: 5/16", 1 1/16", 2 3/16".

| | Volt / Amps | Max. weight ± lb bearings | Min. ID | Max. OD | Max. width | Max. horizontal heating width | Cross section poles | Temperature control max reach | Time control max reach | Approx. weight without cross bars |
|--------------------|-------------|---------------------------|---------------|---------|------------|-------------------------------|---------------------|-------------------------------|------------------------|-----------------------------------|
| | | | | A | B | C | D | | | |
| SVH5223 | 112/15 | 330 lbs | 5/8" / 4 3/4" | 20 1/2" | 7 7/8" | 9" | 2 3/8" / 4 1/2" | 464°F | 0-45 min. | 81.57 lbs |
| SVH5223 230 | 230/16 | 330 lbs | 5/8" / 4 3/4" | 20 1/2" | 7 7/8" | 9" | 2 3/8" / 4 1/2" | 464°F | 0-45 min. | 81.57 lbs |



*Bearings not included

Medium duty digital temperature control, certified, SVH7931

This benchtop size bearing heater features the Turbo effect when used in the horizontal heating application. The swivel control panel allows the user to adjust the position that is best suited for the application. SVH7931M comes with a cart for effortless movement.

This bearing heater comes with one, 3 1/8" cross bar.

| | Volt / Amps | Max. weight ± lb bearings | Min. ID | Max. OD | Max. width | Max. horizontal heating width | Cross section poles | Temperature control max reach | Time control max reach | Approx. weight without cross bars |
|-----------------|-------------|---------------------------|-----------------|----------|------------|-------------------------------|---------------------|-------------------------------|------------------------|-----------------------------------|
| | | | | A | B | C | D | | | |
| SVH7931 | 500/16 | 770 lbs | 4 5/8" / 6 1/4" | 31 7/64" | 12 1/2" | 11" | 6 1/4" | 404°F | 0-60 min. | 275 lbs |
| SVH7931M | 500/16 | 770 lbs | 4 5/8" / 6 1/4" | 31 1/16" | 12 1/2" | 11" | 6 1/4" | 404°F | 0-60 min. | 396 lbs |



*Bearings not included



SVH7931M

Magnetic Temperature Probe

Connects to bearing heater. Attaches to inner race of bearing. Up to 350°F (240°C).

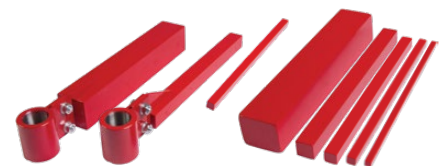
| | Fits model | Approx. Weight |
|----------------------|------------|----------------|
| MP-PV/PVH/SVH | PV/PVH/SVH | 0.13 lbs |



Cross bars for bearing heater models SBH, SVH, PV and PVH*

| | Fits model | Size | Approx. Weight | Fits model | Size | Approx. Weight |
|-------------------|----------------|-------------------------|----------------|-------------------|-----------------|----------------------------|
| BH3811 | SBH302 | 3/8" x 3/8" x 11" | 0.47 lbs | PV 1/4 | PV2412 | 1/4" x 1/4" x 7 7/8" |
| BH131611 | SBH302 | 13/16" x 13/16" x 11" | 3.05 lbs | PV 3/8 | PV2412 | 3/8" x 3/8" x 7 7/8" |
| BH0211 | SBH302 | 2" x 2" x 11" | 12.79 lbs | PV 9/16 | PV2412 | 9/16" x 9/16" x 7 7/8" |
| BH23811 | SBH302 | 2 3/8" x 2 3/8" x 11" | 17.64 lbs | PV 13/16 | PV2412 | 13/16" x 13/16" x 7 7/8" |
| BH3814 | SBH303 | 3/8" x 3/8" x 14" | 0.59 lbs | PV 1 1/16 | PV2412 | 1 1/16" x 1 1/16" x 7 7/8" |
| BH11414 | SBH303 | 1 1/4" x 1 1/4" x 14" | 7.94 lbs | PVH 1/4 | PVH3813*/SBH301 | 1/4" x 1/4" x 9 1/2" |
| BH234214 | SBH303 | 2 3/4" x 3 1/8" x 14" | 32.58 lbs | PVH 3/8 | PVH3813*/SBH301 | 3/8" x 3/8" x 9 1/2" |
| SVH 9/16 | SVH5223 | 9/16" x 9/16" x 14" | 1.15 lbs | PVH 9/16 | PVH3813*/SBH301 | 9/16" x 9/16" x 9 1/2" |
| SVH 1 3/16 | SVH5223/SV5020 | 1 3/16" x 1 3/16" x 14" | 7.28 lbs | PVH 13/16 | PVH3813*/SBH301 | 13/16" x 13/16" x 9 1/2" |
| SVH 2 3/8 | SVH5223 | 2 3/8" x 2 3/8" x 14" | 20.42 lbs | PVH 1 1/16 | PVH3813*/SBH301 | 1 1/16" x 1 1/16" x 9 1/2" |
| SVH 2 3/4 | SV5020 | 2 3/4" x 2 3/4" x 14" | 28.48 lbs | | | |
| SVH 3 1/8 | SVH7931 | 3 1/8" x 3 1/8" x 20" | 55.50 lbs | | | |

* Prior model



WARNING: Do NOT operate an induction heater if you wear a heart pace-maker. The strong magnetic field emitted by the heater may affect operation of such devices.