



## 550 Watt, 1-1/8" Heavy-Duty Soldering Iron

Model: 3198-550



### Description

American Beauty heavy-duty irons are ideal for heavy soldering jobs and production-line environments. Created by compression winding a special Ni-Chrome heating alloy onto a steel spool, all elements demonstrate an unsurpassed heat capacity and outstanding durability. Protective casings cut from a single block of steel are strengthened with multiple heat treatments and precision brazed for optimal strength and efficiency. *(Stand Included)*

### Features and Benefits

**Ni-Chrome Compression Wound Heating Elements** are proven to be the most reliable heating element for maintaining soldering temperature in production environments.

**Paragon Iron-Clad Lead-Free Soldering Iron Tips** consistently outperform and outlast ordinary soldering iron tips many times over. **Plug-style tip design** provides for superior heat transfer and easy cleaning.

**Hardwood handle** provides superior thermal and electrical insulating properties and durability.

**Modular construction** allows for easy replacement of consumable parts allowing for tools to last for generations.

## Technical Specifications

<b>Is a stand included?</b>	Yes
<b>User Manual</b>	Download
<b>Standard Tip Style</b>	Chisel
<b>Is a high voltage version (220-240VAC) available?</b>	Yes
<b>AMP Draw</b>	< 5 Amp
<b>Tip Diameter</b>	1.125 in
<b>Product Length</b>	15 in / 38.10 cm
<b>RoHS Compliant</b>	Yes
<b>Wattage</b>	550 watts
<b>Maximum Temperature</b>	1050 °F / 565.56°C
<b>Country of Origin</b>	US
<b>Package Length</b>	16.25 in / 41.28 cm
<b>Package Width</b>	3.00 in / 7.62 cm
<b>Package Height</b>	3.00 in / 7.62 cm
<b>Shipping Weight</b>	4.75 lbs / 2.15 kg
<b>Warranty Policy</b>	Details

## Applications

Users of this product have stated that they use it for several jobs which include but are not limited to:

1. Melting sealant on PTFE flexible stadium roofs
2. Testing fire/heat detectors in no-flame areas (gas stations)
3. Soldering stainless steel roofing and flashing
4. Soldering 14 gauge and thinner copper gutters, awnings, roofs and flashing
5. Soldering down Spout to 1/2 Round Copper Gutter
6. Soldering 3/4" Dia. pipe to an aluminum water pan
7. Joining barrels of shotgun with 'ribs'
8. Soldering copper conductor tubes to industrial size capacitor coil packages
9. Soldering commercial sheetmetal soldering in locations where propane and open flames are prohibited (hospitals, refineries, etc.)
10. Soldering wire cloth dandy roll on paper machine
11. Soldering copper conductor tubes to industrial size capacitor coil packages
12. Reflowing heat welding polyester felt into a tube
13. Soldering battery cables on aircraft

14. Melting drive belts for conveyor systems
15. Soldering to make lead flashings
16. Cutting rope and nylon webbing
17. Soldering on large electric motors
18. Soldering flat panel roofing

## Replacement Parts

The following products can be used as replacements for Model 3198-550 featured on this page:

Model	Product Name	Price
3919	Replacement Handle/Cord set for Heavy-Duty Irons	\$20.50
46C	Chisel Style Soldering Tip	\$90.00
9279-550	Replacement 550 Watt Compression-Wound Heating Element	\$120.00

## Accessories

The following products can be used as Accessories for Model 3198-550 featured on this page:

Model	Product Name	Price
46D	Diamond Style Soldering Tip	\$90.00
46S	Screwdriver Style Soldering Tip	\$90.00
CS-98KIT	Soldering Iron Maintenance Kit for 9/8" Irons	\$31.00
V3700	Voltage Controller for Heavy-Duty Irons & Pots	\$144.00

## Similar Products

The following products are related (similar model but different specifications, etc.) to Model 3198-550 featured on this page:

Model	Product Name	Price
3178-300	300 Watt, 7/8" Heavy-Duty Soldering Iron	\$241.00