

# Model: 3158-200

## 200 WATT, 5/8" HEAVY-DUTY SOLDERING IRON



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)*

### ACCESSORIES

The following products can be used as Accessories for Model 3158-200 featured on this page:

Model	Product Name
44C	Chisel Style Soldering Tip
44S	Screwdriver Style Soldering Tip
CS-ABKIT	Soldering Iron Maintenance Kit for 1/4" thru 9/8" Irons
V3700	Voltage Controller for Heavy-Duty Irons & Pots

### 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.

### REPLACEMENT PARTS

The following products can be used as replacements for Model 3158-200 featured on this page:

Model	Product Name
3919	Replacement Handle/Cord set for Heavy-Duty Irons
3933	Replacement Item_Set Screws
44D	Diamond Style Soldering Tip
9275-200	Replacement 200 Watt Compression-Wound Heating Element

## TECHNICAL SPECIFICATIONS

Tip Diameter	.625 in
Standard Tip Style	Diamond
Wattage	200 watts
AMP Draw	< 2 Amp
Maximum Temperature	1050 °F / 566°C
Stand included?	Yes
Available in a 220-240 VAC?	Yes, available upon request
Product Length	14.5 in / 36.83 cm
Product Width	2-1/4 in
Product Height	2-1/4 in
Product Weight	2.5 lbs / 1.13 kg
Package Dimensions (Inches)	16-1/2 by 2-3/4 by 2-3/4
Package Weight	3 lbs / 1.36 kg
Country of Origin	US
Harmonization Code:	8515.11.0000
RoHS Compliant	Yes
IEC 60335-1, Edition 5.1, 2013-12	Yes
IEC 60335-2-45, Edition 3.2, 2012-01	Yes
WEEE Compliant	Yes
CE Certified	Yes
Understanding Tip Measurements	Explanation
Warranty Policy	Details
User Manual	User Manual

## SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 3158-200 featured on this page:

Model	Product Name
3158X-250	250 Watt, 5/8" Heavy-Duty Soldering Iron

## APPLICATIONS

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

1. Testing heat detectors
2. Melting plastic pins
3. Melting wax radius fillet on fiberglass tools
4. Cutting nylon webbing
5. Soldering cheese cutting knives
6. Cutting natural rubber sheet
7. Soldering stained glass on professional level and volume
8. Soldering heavy leads onto PC board
9. Reflowing soldering on PCB with heat sinks (lots of copper)
10. Repairing radiator/battery wiring ends
11. Soldering stained glass art-work
12. Soldering for construction
13. Assembly of sheet metal projects
14. Teaching architectural metal concepts & techniques
15. Soldering large power pins

## END-OF-LIFE INSTRUCTIONS

In an effort to reduce waste and comply with WEEE directive, please do not dispose of product. All American Beauty Tools are serviceable and can be repaired and/or replaced. Please contact manufacturer to make arrangements.