



100 Watt, 3/8" Heavy-Duty Soldering Iron Model: 3138-100



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

User Manual	Download
Is a stand included?	Yes
Product Length	13 in / 33.02 cm
Maximum Temperature	925 °F / 496.11°C
Wattage	100 watts
RoHS Compliant	Yes
AMP Draw	< 1 Amp
Tip Diameter	.375 in
Standard Tip Style	Diamond
Is a high voltage version (220-240VAC) available?	Yes
Country of Origin	US
Package Length	16.25 in / 41.28 cm
Package Width	3.00 in / 7.62 cm
Package Height	3.00 in / 7.62 cm
Shipping Weight	1.85 lbs / 0.84 kg
Warranty Policy	Details

Applications

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

1. Soldering stained glass art-work
2. Soldering cover to enclosure on electronic assemblies for aircraft applications.
3. Soldering Copper shield for MRI
4. Melting plastic bubbles
5. Soldering wire terminations during fabrication of control panel
6. Soldering small points/connections
7. Soldering sheet metal, tin and copper
8. Burning holes in fabric
9. Soldering heavy jobs for home hobbyist
10. Soldering plumbing (sweating) thin-walled copper
11. Soldering sheet metal, joining seems in zinc countertops
12. Cutting PVC liners
13. Performing general household repairs
14. Soldering various connectors in **Automotive Environment** including battery cables

Replacement Parts

The following products can be used as replacements for Model 3138-100 featured on this page:

Model	Product Name	Price
3919	Replacement Handle/Cord set for Heavy-Duty Irons	\$20.50
43D	Diamond Style Soldering Tip	\$15.00
9273-100	Replacement 100 Watt Compression-Wound Heating Element	\$57.00

Accessories

The following products can be used as Accessories for Model 3138-100 featured on this page:

Model	Product Name	Price
43C	Chisel Style Soldering Tip	\$15.00
43S	Screwdriver Style Soldering Tip	\$15.00
CS-38KIT	Soldering Iron Maintenance Kit for 3/8" 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 3138-100 featured on this page:

Model	Product Name	Price
3138-130	130 Watt, 3/8" Heavy-Duty Soldering Iron	\$137.50
3138-150	150 Watt, 3/8" Heavy-Duty Soldering Iron	\$137.50
3138X-175	175 Watt, 3/8" Heavy-Duty Soldering Iron	\$147.80