Ironton 46178, Corded Electric 3-8 Inch Drill Driver 4.0 Amp Keyless Chuck Fastening



Model Number: 46178

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Manufacturer: Ironton

Ironton 46178, Corded Electric 3-8 Inch Drill Driver 4.0 Amp Keyless Chuck Fastening Description

The Ironton 46178 Corded Electric 3/8-Inch Portable Drill Driver delivers continuous 4.0 Amp power for precision fastening, drilling, and rotary duct cleaning tasks. Engineered for demanding shop and job site applications, this variable-speed clutch driver maintains consistent operating torque under heavy loads. Featuring an 11-position adjustable clutch, forward and reverse rotation, and a 3/8-inch keyless chuck for rapid bit changes without additional tools, it provides reliable control across wood, composite, and light metal substrates. An ergonomic rubberized grip, lock-on trigger switch for sustained operation, and an integrated LED power-on indicator light ensure operator comfort and readiness during extended projects.

Features

- Heavy-duty 4.0 Amp corded electric motor maintains operating speeds under load for consistent torque output.
- 3/8-inch keyless chuck allows rapid, tool-free drill and driver bit changes.
- 11-position adjustable clutch enables precise depth control when sinking fasteners to prevent stripping or over-driving.
- Variable-speed trigger with forward and reverse functionality supports controlled starts and fastener removal.
- Lock-on switch reduces hand fatigue during continuous operation and rotary brush applications.
- Rubberized overmold grip enhances operator comfort, stability, and vibration control.
- LED power-on indicator light provides immediate visual confirmation that the unit is plugged in and energized.
- 6-foot power cord offers extended reach across workbenches, ladders, and residential job sites.

Applications

- Deck building, exterior siding installation, and structural wood framing.
- Interior mounting tasks including hanging shelving, mirrors, cabinetry, and drywall anchors.
- Rotary air duct cleaning equipment drive systems requiring controlled low-RPM brush rotation.
- General maintenance, workshop assembly, and residential or light commercial fastening projects.

Video

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Specifications

Brand
Ironton / Warrior (Equivalent Replacement Unit)

Part Number
46178

Power Source
120V Corded Electric

Amperage
4.0 Amp

Chuck Size
3/8 Inch

Chuck Type
Keyless

Clutch Settings
11-Position Adjustable Clutch

Speed Rating
Variable Speed (0–1200 RPM Load / Up to 3000 RPM Max)

Rotation
Forward / Reverse

Switch Type
Variable Trigger with Lock-On Button

Grip Material
Rubberized Ergonomic Overmold

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Cord Length
6 Feet

Dimensions (L x W x H)
11-1/2 x 2-3/4 x 8-1/2 Inches

Shipping Weight
3.75 lbs

Auxiliary Side Handle
Not Included

Storage Case
Not Included

Cross-Reference SKUs

46178

Ironton 46178

Warrior 46178

IR-46178

IR46178

WR-46178

WR46178

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Tips and Additional Information
Before connecting to a power source, inspect the 6-foot power cord for cuts or insulation damage and verify that the 3/8-inch keyless chuck jaws open and close smoothly without binding. Always ensure the bit shank is centered and fully seated in the chuck jaws before tightening to prevent wobble under load. Note that this specific clutch drill model is being phased out; once existing stock depletes, orders will be fulfilled with an equivalent-functioning clutch drill (such as the Warrior 4.0 Amp model) meeting identical performance specifications. When operating this drill driver with rotary air duct cleaning brush equipment, calibrate and secure the trigger speed to approximately 320 RPM using a Velcro strap or zip cable tie to prevent shaft whip or duct liner damage.
Frequently Asked Questions

Q: How do I configure this drill driver for use with rotary air duct cleaning brushes?
A: When powering flexible air duct cleaning rods and brushes, regulate the variable-speed trigger to maintain approximately 320 RPM and secure the trigger position using a Velcro strap or zip cable tie for consistent, safe brush rotation.
Q: Does this drill driver require a chuck key to swap bits?
A: No, the unit is equipped with a 3/8-inch keyless chuck that tightens and loosens by hand for fast bit changes.
Q: Why might I receive a different brand label than Ironton when ordering SKU 46178?
A: The Ironton 46178 clutch drill is undergoing a manufacturer phase-out. Once current inventory is exhausted, orders are fulfilled with a functionally identical 4.0 Amp, 3/8-inch keyless clutch drill (such as the Warrior equivalent) offering the same power and clutch capabilities.

Warranty & Safety Information
This product is backed by a 12-month manufacturer's parts warranty from the date of purchase. Warranty coverage excludes normal wear items, cord damage from misuse, and failures resulting from improper voltage or unauthorized modifications. Always disconnect the power cord before changing drill bits, adjusting accessories, or inspecting the chuck. Wear ANSI-approved eye protection and secure loose clothing or hair away from the rotating 3/8-inch chuck. Do not operate corded electric power tools in wet environments or near flammable liquids and gases.

Availability: This product was added to our catalog on Sunday 10 December, 2017