



WTC MACHINERY Engineered to perform. Built to last.

WTC Machinery is a global leader in designing and building machinery and tooling for heavy equipment repair facilities.

WS5E-3

Overview

The WS5E-3 Electric Impact Wrench is a fast, cost-effective machine to remove and install track shoe bolts. The balanced frame and roller bearing mounted carriage make for easy one-person operation, while the massive, lubricated impact head, provides the power to loosen and tighten practically all track shoe bolts.

WTC offers a variety of carriages to fit the WS5E-3 to all popular track presses and pad change lines, and a full compliment of impact sockets, extensions, adaptors and track nut wrenches to work with the WS5E-3.

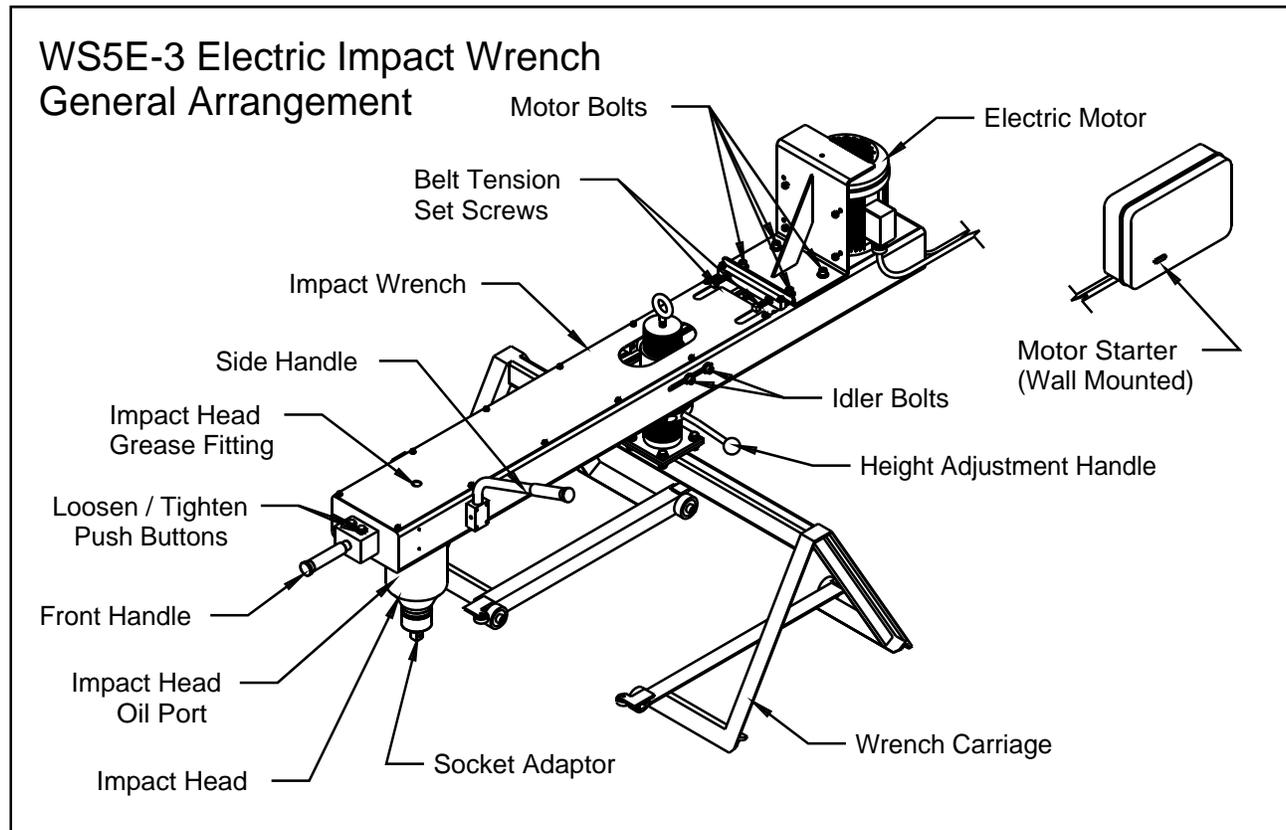


Model/Specifications

Maximum Torque: 5000 lb-ft (6800 N-m) Intermittent
High Speed Run-Down / Loosen: 520 rpm

Electrical

Electrical Supply: 5 Hp (3.7 kW)
Standard Voltages: Three Phase
208V / 60 Hz
220V / 50 Hz
230V / 60 Hz
385V / 50 Hz
415V / 50 Hz
460V / 60 Hz



WS5E-3 Impact Wrench Features

Loosen / Tighten Push Buttons - run the Electric Motor and Socket forward and backward

Press either of these buttons to loosen or tighten the track bolts.



Large and severely rusted bolts can exceed the maximum torque of the WS5E-3 Electric Impact Wrench (5000 foot-pounds). The Wrench develops maximum torque rapidly, so never attempt to loosen a bolt for more than 3 seconds bursts. Running the Wrench for longer bursts will not loosen the bolt, and greatly increases the wear on the Impact Head.

Front Handle / Side Handle - provide secure grips for loosening / tightening bolts and moving the Wrench

The Side Handle can be mounted on either side of the Wrench for operator comfort.

Height Adjustment Handle - adjusts the height of the Wrench

Turn the Height Adjustment Handle clockwise (viewed from above) to raise the Wrench, and counter-clockwise to lower the wrench. Always set the height so the Wrench is level when the socket is on the bolt.

Motor Bolts / Belt Tension Set Screws - adjust the belt tension

Refer to the Maintenance Section for details on adjusting the belt tension.

Impact Head Grease Fitting / Impact Head Oil Port - allow maintenance of the Impact Head

Refer to the Maintenance Section for details on maintaining the Impact Head.



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MANUFACTURERS/BENEFICIARY'S WARRANTY CERTIFICATE WTC MACHINERY, LLC WARRANTY

WTC MACHINERY, LLC warrants its products to be free from defects in material and workmanship under normal use and service for a period of twelve (12) months after date of shipment. WTC MACHINERY, LLC undertakes to be responsible for any defect that may arise due to faulty raw materials, design, workmanship and defective parts and to replace them without extra cost. Freight charges are the customer's responsibility. Our warranty is not transferable.

WTC MACHINERY, LLC shall have the option of requiring the return of all parts claimed defective. Parts proved to be defective, due to defect in workmanship and/or material, shall be either repaired or replaced free of charge, F.O.B. our designated factory. All parts warranty claims are subject to inspection by WTC MACHINERY, LLC and acceptance at the factory

Our warranty does not obligate us to bear the cost of labor or transportation charges in connection with the replacement or repair of defective parts and the removal and/or remounting of the parts repaired or replaced under this warranty, unless specifically authorized in writing by WTC MACHINERY, LLC. All parts returned to the factory must be shipped freight prepaid; no collect freight will be accepted by the factory. Forms authorizing such returns for inspection must accompany all returns.

This warranty shall not apply to products not manufactured by WTC MACHINERY, LLC.

Outside purchased equipment and accessories (not of WTC manufacture) are warranted only to the extent of the original equipment manufacturer's warranty and subject to their allowance to WTC MACHINERY, LLC. In this respect, our warranty obligations must conform and be limited to the warranty extended to WTC MACHINERY, LLC by its suppliers as extended to the customer.

We shall, in no event, be liable for consequential damages or contingent liability arising out of the failure of any unit or part to operate properly, or that is subject to:

- Ordinary operating wear, abuse, misuse, or overloading;
- Repairs or alterations by parties other than WTC MACHINERY, LLC;
- The use of improper fluids, contaminated fluids or improper filtering;
- The use of improper voltage hookup in the electrical connections of any equipment;
- Negligence, accident or damages due to deterioration during periods of storage by the purchaser prior to installation and operation;
- Damages occurred in shipment after leaving factory en route to customers' delivery point, as title to equipment passes to customer when loaded onboard for shipment, f.o.b. factory, and customer must place his own claim against damaged goods directly to the shipping company and not against WTC MACHINERY, LLC, its factory, or any of its personnel.
- Damages due to circumstances beyond the control of WTC MACHINERY, LLC and in connection with fulfilling any obligation under this warranty.

To the maximum extent permitted by applicable law, in no event shall WTC Machinery, LLC be liable for indirect, special, incidental or consequential damages resulting from personal injury, loss of business profits or business interruption from the use of its products, or from the inability to use its products.

This warranty is exclusive and is in lieu of all other expressed and implied warranties, including but not limited to implied warranties or merchantability and fitness for a particular purpose. WTC MACHINERY, LLC shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured or supplied by WTC MACHINERY, LLC, or services rendered to it.