

Industrial Bolting Techniques for Amusement Park Structural Connections

Improving Worker Safety and Efficiency

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ABOUT HYTORC:

- *Invented Hydraulic Torque Tools Over 50 Years Ago*
- *Continuously Innovating to Make Bolting Safer and Easier*
- *Headquartered in Mahwah, NJ*
- *Over 500 Dedicated Sales Representatives Worldwide*
- *Mobile Van Technicians with Repair and Calibration Capabilities around the World*
- *Tooling can be Purchased or Rented*
- *Rent to Own Options can Reduce Risk and can Lower the Cost of Ownership*



HYTORC Mission Statement

HYTORC's Mission is to Optimize Safety, Quality and Schedule in Industrial Bolting Through Innovative Solutions and an Unyielding Commitment to Customer Satisfaction



HYTORC Tooling Types

- **Hydraulic Square Driver Tools**
- **Hydraulic Low Clearance Tools**
- **Battery Driven Tools**
- **Pneumatic Tools**
- **Digital Power Packs**



Power Unit
-Hydraulic-



Square Drive
-Hydraulic-



Low Clearance
-Hydraulic-



Square Drive
-Battery Power-



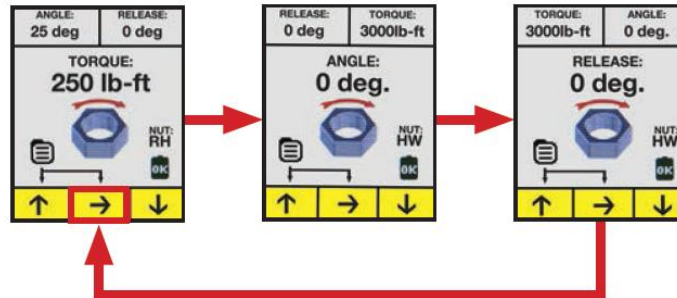
Square Drive
-Pneumatic-

LION Battery Gun

- **18V Lithium Ion Power**
- **Two Models: 250ft-lb & 700ft-lb**
- **Intuitive Graphical User Interface**
- **USB Data Connection to PC**
- **Precise Torque & Angle Control**
- **Continuous Motion Output**
- **Non-Impacting / No Hand Arm Vibrations**



Increase Value Go to Next Screen Decrease Value



- **Quiet Operation**
- **Works with Sockets & Extensions**

● Expanded Functionality

New **TorcSense™** Technology
New Snug function
Bluetooth® Wireless technology
Advanced Bolting Functions; Turn Angle, Torque Check, Rotations
Capacity up to 5000 ft-lbs

● Greater Durability

New 36V DC Brushless Motor
New Gearboxes – 20% stronger
New Aluminum handle - rugged
New Rear Cover Shock Guard

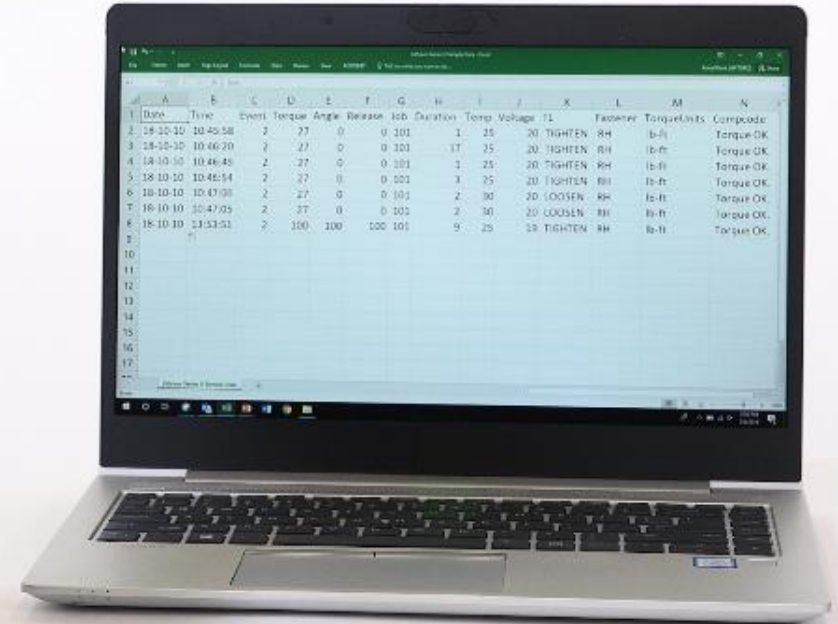
● Improved Usability

New Intuitive Menus & Icons
New Customizable Menu Capability
New High Resolution Display
New Side Handle



LST - Next Revolution in Bolting Technology

- Transfer Data & Upgrade Firmware Via Bluetooth (or USB)
- Computer & Phone App for Data Acquisition

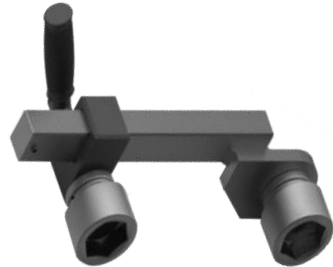


- Easily Programmable for Torque, Angle and Release- One Trigger Pull!
- New Directional Switch



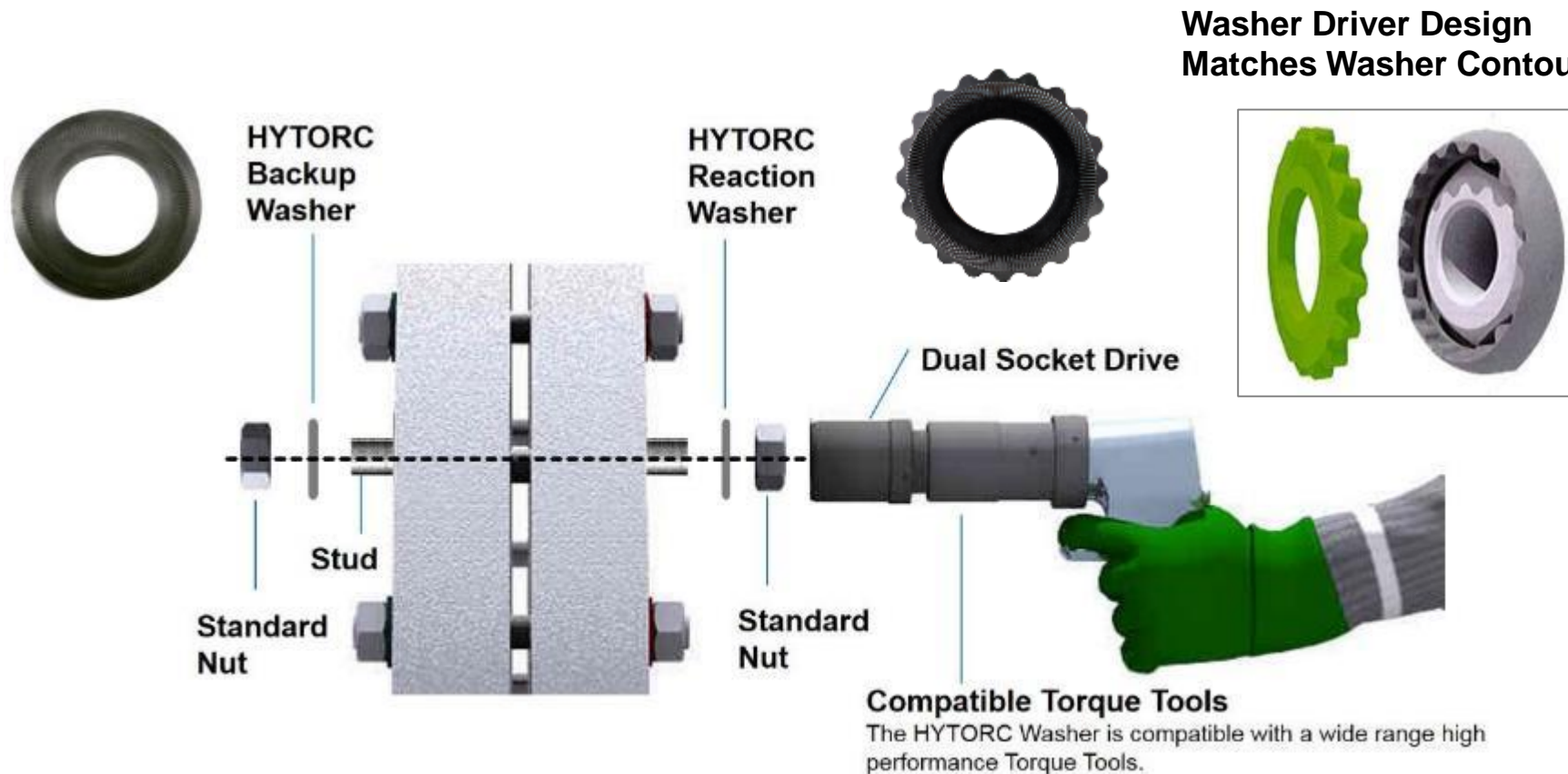
Torque Tools and Reaction Arms

Hydraulic Square Drive Tools & Reaction Arms



Hytorc Reaction & Backup Washer System

HYTORC Washer System provides a complete solution for , consists of the HYTORC Reaction Washer, HYTORC Backup Washer & Compatible Torque Tools.



Advantages:

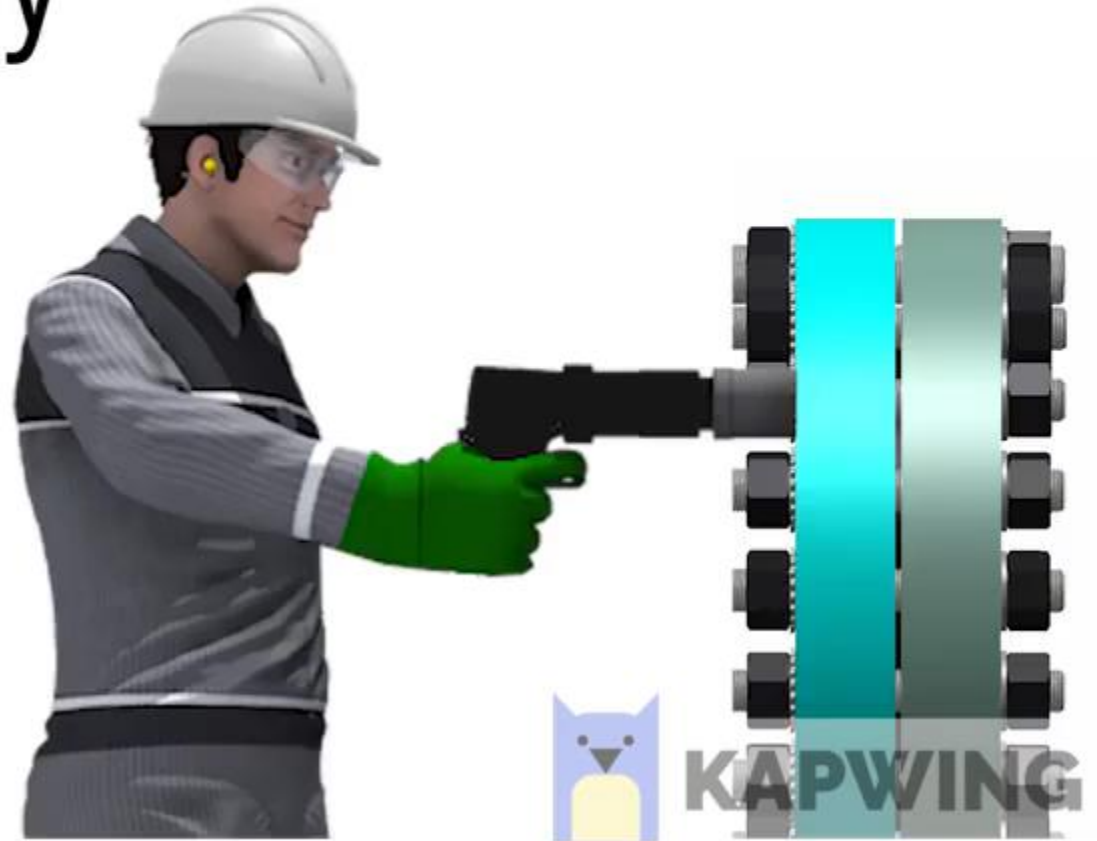
- Meets ASTM- F3394 Standard
- No Reaction Arm
- No Backup Wrench
- No More Crush Points!
- No Safety Issues
- Lower Friction
- No Surface Damage
- No Side Load Misalignment
- HYTORC Tool Compatibility
- Consistent Performance

HYTORC Washer

Improves Hand Safety

The only bolting solution that eliminates pinch points

hytorc.com/hand-safety



Hytorc J-Washer

The NEW J-Washer takes the HYTORC Reaction Washer to an entirely new level by adding a locking feature that keeps bolted joints tight under dynamic loads (**Junker's Vibration Test - DN 25201-4 - Certified**).

Standard HYTORC Reaction Washer

Side A with knurled surface & markings installed against the flange

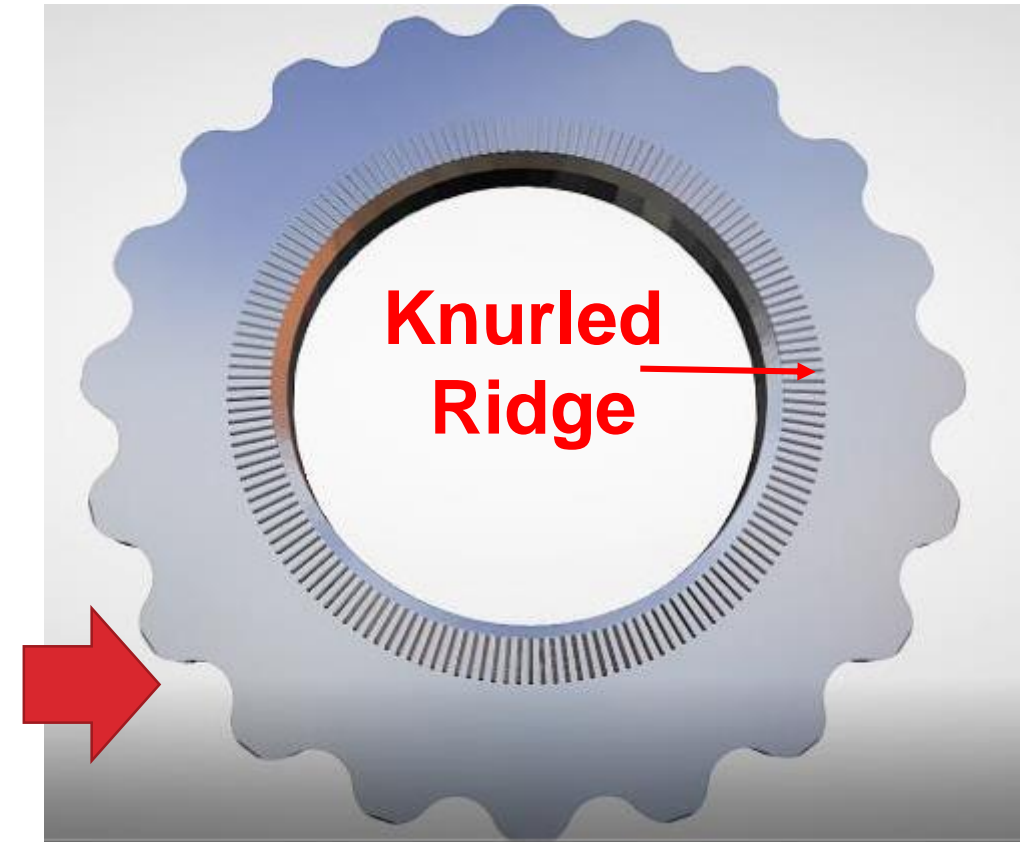


Side B Smooth surface faces the nut

All the benefits of the HYTORC Reaction Washer Plus Locking!

New J-Washer

- Side A Exactly the Same as Current HYTORC Washer
- Side B Adds Knurl Ridge to Previously Smooth Surface





Using Hytorc LST (Lithium Battery Gun) tooling and Hytorc Reaction Washers:

- Powerful, yet small form factor of tool and no cords or hydraulic hoses.
- Just pull the trigger! – Preset the torque and other settings.
- Data reporting – Creates a “digital record” of each bolted joint.
- Eliminate the reaction arm and worry of where to react; decrease weight to carry.
- Remove the possibility of injury due to reaction arm crush points.



Improve Job Performance and Safety With HYTORC Bolting Solutions.

- HYTORC tooling and Self-Reacting fastener technology work together to dramatically improve **safety, quality** and **schedule** of construction and maintenance projects.
- HYTORC offers customized solutions and rental/ rent-to-own options.



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- Investing in Hyltorc bolting systems can significantly increase productivity with job time reductions of up to 50%, thus decreasing labor costs.
- New HYTORC Lithium II, Battery Torque Guns are designed to provide the compact, portable and precise torque required for difficult to access and critical applications.

Thank You for Attending this Webinar On: Industrial Bolting Techniques for Amusement Park Structural Connections

With the Remaining Time, Our Panel Will Answer Questions Submitted Through the Online Portal

Anything that we Cannot Cover with the Remaining Time will be Answered by Email

**Please Don't Hesitate to Visit Our Website & Request a Free Onsite Demonstration of
Any of the Bolting Technology We Shared Today**

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