

HYTORC

The World's Most Trusted Industrial Bolting Systems

HYTORC bolting systems are widely used in the mining industry due to their portability and speed. Whether it is working on large vehicles, cranes or bridges, HYTORC can provide you with productivity enhancing bolting solutions. Mining equipment is the ultimate test of bolted joint integrity.

MINING Industry Booklet



WHY HYTORC FOR MINING

Extreme loads and vibration require every bolted joint to be tightened with even and accurate bolt load to eliminate the possibility of nut loosening, which can lead to damaged equipment and/or injuries. HYTORC's industry specialists have developed custom bolting systems for these applications that have been proven to reduce maintenance times and assure a permanently bolted joint.

RELIABILITY

- HYTORC is the oldest and largest company in its field
- Accredited by ASME* and OSHA* for bolting procedures and safety
- Worldwide 24/7/365 service by trained bolting experts
- The most experienced job oversight teams in the industry

INNOVATIONS

- HYTORC has invented every single major improvement in Torque and Tension since 1972
- The only technology in the industry that can reach the desired bolt load within 5% without requiring measurements
- The first torque wrench that can stretch bolts without side load, torsion, or bolt relaxation

*ASME and OSHA are registered and used with permission.

APPLICATIONS AND BENEFITS

VIBRATING SCREENS USING THE HYTORC WASHER



- Intuitive design
- Eliminates pinch points
- Enables coaxial bolting

WHEEL OPERATIONS WITH DUAL CUP REACTION FIXTURE



- Eliminates pinch points
- Consistent bolt load
- Easy attachment

DOZER TRACKS WITH TRACK PAD FIXTURE



- Eliminates pinch points
- Hands-Free
- High quality material

HYTORC WASHER SYSTEM ON STRUTS



- Eliminates pinch points
- Replaces poor reaction areas
- Less side load

HYTORC WASHER SYSTEM WITH BATTERY GUN



- Replicate MFG assembly torque
- Proper clamp load
- Less failures

CRUSHER WITH REACTION WASHER



- Eliminates pinch points
- Hands-Free
- Inverted application

THE HYTORC UNIVERSE IS MADE UP OF OVER
1,000 TRAINED BOLTING SPECIALISTS TO SUPPORT
YOUR BOLTING NEEDS IN OVER 100 COUNTRIES.

FROM CRITICAL PATH TO ON-TIME STARTUP



1. Survey

HYTORC will visit your site for a project evaluation.

2. Procedures and Solution

HYTORC will provide a custom solution for your project.

3. Hardware Inspection

HYTORC will inspect your tools for guaranteed performance.

4. Joint Preparation

HYTORC will help prepare your joints prior to beginning.

5. Installation

HYTORC will help install the proper tools for the job.

6. Startup Guarantee

HYTORC guarantees a seamless startup to your project.

There is no bolting challenge too big or too small. Reach out to us today and let us know how we can help improve your productivity through advancements in bolting.

hytorc.com/contact-us

HYTORC - THE POPULAR CHOICE

POPULAR TOOLS OF CHOICE FOR MINING



Torque Tools (Clockwise from top):
AVANTI® Hydraulic Torque Wrench
STEALTH® Hydraulic Torque Wrench
LITHIUM SERIES® II Electric Torque Tool
jGun® DIGITAL Single Speed
Pneumatic Torque Tool



Hydraulic Pumps (Clockwise from top):
JETPRO 18.3 SA
VECTOR FA-DOC
JETPRO S
ATEX-Certified (optional, not shown)



Fasteners (Top to bottom):
HYTORC Washer
HYTORC Nut

TOOL AND EQUIPMENT RENTALS



HYTORC has the largest stock of rental equipment in the industry, available worldwide. Strategically located at service centers around the globe, our experienced representatives will work with you to determine the most cost-effective solution for your job. With over 50 years of experience in this industry, you can rest assured that we have a solution for your bolting challenge!

- 100% rental credit* towards purchase
- Rent only the equipment you need on a daily, weekly or monthly basis
- Complimentary safety and operational training with all rentals
- Worldwide availability of all bolting systems
- Improve safety, speed, and accuracy with custom tool kit rentals
- Tool containers for large jobs are available for monthly rentals
- All rental equipment is inspected and re-certified before its next rental

*All rental credits are available to use within six months after the rental.

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