

HYTORC

The World's Most Trusted Industrial Bolting Systems

INDUSTRIES BROCHURE
2021

333 Route 17 N.
Mahwah, NJ 07430
USA

800-FOR-HYTORC
(800-367-4986)
201-512-9500

sales@hytorc.com
hytorc.com

TABLE OF CONTENTS

INDUSTRIES	1
Oil and Gas	1
Power Generation	2
Petro Chemical	3
Mining and Construction	4
Military	5
Windpower	6
Railways	7
Industries That Chose HYTORC	8



OIL AND GAS

Whether you are upstream, midstream, or downstream, HYTORC's industrial bolting systems can enhance your company's productivity by significantly reducing your operating costs. From exploration to production, HYTORC offers productivity enhancing solutions for the Oil and Gas industry. Our custom bolting systems are in use by every major oil and gas company around the world with proven results. Whether it's speeding up maintenance turnarounds or eliminating production bottlenecks, we have the experience and technology to make it happen.



POWER GENERATION

Since our inception in 1968, HYTORC has provided solutions to the Power Generation industry, from Nuclear to Wind, Solar to Hydro. HYTORC industrial bolting systems continue to provide the Power Generation industry with significant productivity enhancements by reducing job time, enhancing safety and improving overall job quality. In the Power Generation business, every minute of downtime results in a loss of production and revenue. HYTORC has developed new bolting systems and fasteners that have proven to reduce maintenance times by as much as 50%. From gas, steam and wind turbines to solar farms and everything in between, our productivity-enhancing bolting systems are a dependable way to get back on line faster.



PETRO CHEMICAL

HYTORC bolting systems are widely used in the Petro Chemical world due to their simplicity which result in immense enhancements to overall job time, safety and quality.

WHY HYTORC FOR PETRO CHEMICAL

HYTORC's industry specialists have worked with chemical plants around the world to reduce maintenance time and eliminate leaks on startup. Our innovative bolting systems remove maintenance bottlenecks and assure even and accurate bolt load, providing the highest level of joint integrity. Our experienced team will conduct a free survey of troublesome applications and discuss all available options from complete bolting system packages to short term rentals for maintenance.



MINING AND CONSTRUCTION

HYTORC bolting systems are widely used in the mining and construction industries 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.

WHY HYTORC FOR MINING AND CONSTRUCTION

Mining and construction equipment is the ultimate test of bolted joint integrity. 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. Contact us for a free on-site application survey and proposal of all available options including complete jobsite bolting system packages and short term rentals.



MILITARY

For over 50 years, HYTORC has developed hundreds of custom solutions for enhanced safety, speed, and accuracy for bolting jobs on military equipment. Our engineering team is dedicated to finding an economical solution that delivers when you need it most.

WHY HYTORC FOR MILITARY

The manufacturing and maintenance of military equipment include some of the strictest processes of any industry to assure safe operation in the field. When it comes to the nuts and bolts that hold it all together, HYTORC is the leading manufacturer and trusted partner for specialized bolting solutions. Made with the highest quality materials and design processes, HYTORC offers reliable and efficient bolting systems to handle any job; land, sea or air.



WINDPOWER

HYTORC has developed customized solutions such as robotics, automation tooling setup, etc. For 50 years, HYTORC has focused solely on improving safety, speed, and accuracy in bolting. Whether your project involves a single nut that is difficult to access or you are looking for a plantwide solution, our field experts and internal engineering team are at your service to find a solution that meets all of your requirements. In our 50 years, we have yet to find a bolting challenge that could not be solved. We look forward to discussing your project.



APPLICATION SPECIFICATIONS

- TR-68 ASTM A759 standard heavy rail
- HYTORC LITHIUM SERIES® Electric Torque Tool
- Torque = 295 ft-lbs (400 Nm)
- 9" Reaction Arm

RAILWAYS

The safest, easiest-to-use technology for precision bolting, HYTORC tools represent a dedication to allowing our customer to do their job correctly every time, in every environment. So, if you are fixing axles or laying 70 miles of track, our tools are dependable, safe, and affordable. Changing regulations means more work and a larger burden on the companies doing that work, which is why all of HYTORC's newest technology includes data capture, making our tools both recordable and exportable. HYTORC allows you to do more work, faster.

INDUSTRIES THAT CHOSE HYTORC

Aerospace	Drilling & Well Services
Aerospace/Defense	Drilling & Well Services-Offshore
Aggregate	Education
Agriculture	Electrical
Amusement/Recreation	Electrical-Contracting/Services
Asphalt	Emergency Response
Auto/Truck Repair	Engineering Services
Automotive	Engineering-Contracting/Services
Bearings/Couplings/Fasteners	Export
Brewery	Food & Beverage
Calibration/Testing Services	Government
Cement/Concrete	Heavy Equipment
Chemical	Heavy Equipment Rental
Chemical-Fertilizer	Heavy Equipment-CAT
Compressors/Generators	Hose/Pipe/Valve
Construction-Contracting/Services	HVAC/Plumbing Services
Crane & Rigging	Hydraulic/Pneumatic-Repair
Distributor	Industrial Plant Services/Maintenance

Industrial Supply	Manufacturing-Bearing/Coupling/Fastener
Industrial Tooling	Manufacturing-Brakes
Industrial-Contracting/Services	Manufacturing-Cable/Coil/Wire
Information Technology	Manufacturing-Compressor/Generator/Pumps
Logistics-Distribution	Manufacturing-Consumer Products
Machine Shop-Eng/Mtr/Tr	Manufacturing-Construction Materials
Machine Shop-Production (Widget)	Manufacturing-Containers
Machine Shop-Repair	Manufacturing-Cranes
Maintenance & Repair	Manufacturing-Cylinder/Tube
Marine-Contracting/Service	Manufacturing-Dispensers/Filters/Strain
Maritime	Manufacturing-Door/Floor/Window
Mechanical-Contracting/Service	Manufacturing-Engine/Motor/Transmission
Metals & Minerals	Manufacturing-Equipment
Manufacturing-Aerospace	Manufacturing-Fabric
Manufacturing-Appliance	Manufacturing-Films
Manufacturing-Artillery	Manufacturing-Forging
Manufacturing-Automobile	Manufacturing-Furniture
Manufacturing-Batteries	Manufacturing-Gearboxes

Manufacturing-Gearing	Millwright Services
Manufacturing-Heat Exchange/Pressure Vessel/Tank	Mining
Manufacturing-Hose/Pipe/Valve	Mining-Aggregate
Manufacturing-HVAC	Mining-Coal
Manufacturing-Hydraulic Presses	Mining-Gold
Manufacturing-Injection Mold/Extrusion Dies	Oil & Gas
Manufacturing-Instruments	Oil/Gas/Pipeline
Manufacturing-Material Handling	Oilfield & Gas Services
Manufacturing-Packaging	Petroleum Refining
Manufacturing-Plastic	Pharmaceutical
Manufacturing-RailCar	Power Generation
Manufacturing-Rubber	Power-Coal
Manufacturing-Tire/Wheel	Power-Electric Distribution/Transmission
Manufacturing-Tools	Power-Generation/Distribution
Manufacturing-Trailer/Truck/Bus	Power-Hydro
Manufacturing-Turbine/Propellor	Power-Nuclear
Manufacturing-Widgets	Power-Oil & Gas
Military	Power-Renewables

Power-Supply	Steel
Power-Utility	Terminal
Processing-Agricultural	Traffic/Sign
Processing-Coffee	Transmission-Oil & Gas
Processing-Gas	Transportation-Rail
Processing-Grains	Transportation-Shipyard
Processing-Meat	Transportation-Truck/Bus
Processing-Sugar	Turbine-Repair & Maintenance
Production-Oil & Gas	Utility
Pulp/Paper & Wood	Waste & Recycling
Pump-Repair & Maintenance	Waste & Recycling-ScrapMetal
Research/Develop	Water & Sewer
Services	Welding
Solar	Wind

HYTORC WORLD HEADQUARTERS

333 Route 17 North, Mahwah, NJ 07430 • +201-512-9500 • 800-FOR-HYTORC



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

Locate your nearest HYTORC representative:

[HYTORC.COM/WORLD](https://www.hytorc.com/world)