



Hytorc Tools

Finding The Right Tool For The Job Is Easy.

HYTORC
is the
global
leader in
bolting
tools and
services.



We are able to offer a full line of superior torque and tension tools that feature the most advanced technology available along with the best return on investment possible.



With more and higher quality tools than anyone else in the business, you can be sure you'll find the perfect one for your job and your budget.



**For the past 40 years,
HYTORC has created
virtually every major
technological
breakthrough in torque
and tension tools.**



*While imitators abound....the simple fact is: Nothing performs, nothing lasts, nothing works like a
HYTORC!*

If You Use It...Chances Are WE INVENTED IT!

HYTORC features more efficient designs, more durable materials, and more value for YOUR dollar.



And WE don't plan on stopping any time soon!

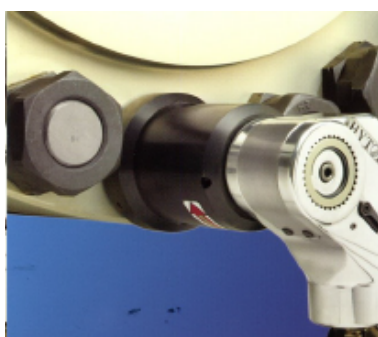
When you choose a HYTORC tool...you can be confident that it's the best tool there is. Not just the best tool for your job, but the best choice available.

HYTORC INNOVATION.....to help you do every job better, faster, safer, and smarter.



Here are just a few of HYTORC's "1st"

- * **First in Safety with remote controlled hands-free tool operation.**
- * **First to offer the option to set calibrated Torque, bolt stretch or bolt load.**



- * **First to do away with reaction arms and backup tools to eliminate OSHA recordables.**
- * **First with a bolt load accuracy of + or - 5%.**

- * First with an all-around, dual choice reaction system.
- * First to guarantee leak-free and failure-free startups.



Only HYTORC offers a money-back, no questions asked guarantee. If one of our tools does not perform as promised....you will NOT pay.

HYDRAULIC TORQUE/TENSION TOOLS: REGULAR & CRITICAL PATH TECHNOLOGY



Speed. Safety. ROI. Plus , the versatility to handle any job.

Critical Path Technology delivers all the benefits of One-Way Ratchets, plus the ability to convert to a hands-free torque/tension machine.



Only HYTORC offers this technology and the convenience, versatility and value that comes with it. No one else even comes close!



Cutting bolting time by two thirds and optimize joint reliability. Start up leak-free and stay leak-free. Make bolting hands-free safe!

The 21st century technology handles every single torque or tension application to your fullest satisfaction. Guaranteed!



HYDRAULIC TORQUE/TENSION TOOLS BENEFITS:

- * Eliminates the number one reason for hydraulic torque tool failure....
Internal Drive Torsion
- * Nuclear precision bolt load with simple ASME approved accessory
- * Delivers high speed and versatility
- * Handles every single torque or tension application to the fullest satisfaction with money-back guarantee
- * Durability derived from ample use of 300,000 psi tensile strength aircraft material

Is it the right tool for you?

Regular & Critical Path Technology is the best value in the marketplace and HYTORC's premium offering. While this technology costs more up front....it has many benefits that make it a much stronger value over the long haul.



Often, due to the savings afforded by this technology--due to its versatility, leak-free and failure-free startups and elimination of downtime and unscheduled outages.



These tools actually pay for themselves during the first use. On pure tensioning applications, you can get these benefits, plus the increased speed of the fastest tensioning machine in the market, by stepping up to the Critical Path Technology XXI tool.

HYDRAULIC TORQUE TOOLS:

ONE-WAY RATCHET TECHNOLOGY

Imitated. But never duplicated

In every way, HYTORC set the standard in one-way ratchet technology. So much so, that these tools are the most commonly used....and most often "copied" in the industry.

But don't be fooled!

Our competitors' tools may appear similar, but that's only on the surface.

As the inventors and innovators of this technology, only HYTORC delivers the uncompromising quality, reliability and performance your job demands--and the lowest costs

HYDRAULIC TORQUE/TENSION TOOLS BENEFITS:

- * Assures longest active stroke of all hydraulic torque wrenches
- * 24-Degree nut turn per stroke due to ratchet assurance device
- * Faster than Three-Moving Part Technology
- * Durability derived from ample use of 300,000 psi tensile strength aircraft alloy
- * Ideal for high torque or loosening of highly corroded fasteners
- * Costs approximately 20% less than Regular & Critical Path Technology
- * Affordable for general plant maintenance and production

Is it the right tool for you?

This technology is built for heavy use. Priced about 20% below the Critical Path Technology, One-Way Ratchet Technology is an affordable tool for general plant maintenance and production.



When considering these tools, keep in mind that they require trained operators to avoid finger pinching with the reaction arm. Training is also recommended for simultaneous use of 4 tools to avoid joint failure, unscheduled downtime, and gasket crushing.

For a higher level of safety and efficiency, and the ability to use multiple tools hands-free without reaction arms or backup wrenches, you may want to step up Regular and Critical Path Technology Tools.



THREE-MOVING-PART TECHNOLOGY

Simple to use. Easy to fix.
Ready for action.



HYTORC not only invented Three-Moving-Part Technology, we've continually improved it. That's why only HYTORC can give you the field-tested quality and advanced design that delivers the safest, most reliable, glitch-free performance.



The materials we use today are the same high-tensile strength, low-weight alloy that keeps commercial airliners flying. So you know they'll work--and keep working--on any job.



THREE MOVING-PART TECHNOLOGY BENEFITS:

- * Basic, durable engineering
- * Never-stuck technology to avoid getting stuck on the job
- * Auto-reverse with push-through drive
- * Uni-hose swivel to avoid hose kinking
- * Click-on reaction arm
- * 360-degree reaction arm indexing to assure safe operation
- * Quick exchange square drive to hex drive

The beauty of Three-Moving-Part Technology is its simplicity. As a result, these tools never get stuck. You'll appreciate this when you're looking down the barrel of a deadline.

Is it the right tool for you?



And, because they're easy to fix....you get greater productivity and increased ROI. Perhaps best of all, these tools feature all the capabilities of more expensive one-way ratchet tools without the cost.

However, Three-Moving-Part Technology is not the optimum choice for every job. It's relatively slow when torquing above 1,000 ft-lbs. and when loosening highly corroded fasteners. Also, from a safety point of view, these types of tools are not ideal for vertical applications. In these cases, you may want to step-up to a One-Way Ratchet Technology tool.

THE CLAMP GIVES YOU THE HIGHEST LEVEL OF **BOLTING OPTIMIZATION.**

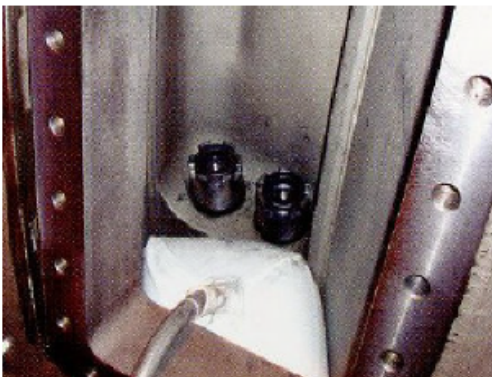
For critical applications and the ultimate in peace of mind, the CLAMP is the professional's choice. This award-winning mechanical tensioner replaces a standard hex nut--ideal in applications where there is little or no side clearance. No other system available today offers the same accuracy and ability to achieve precise bolt load.



KNOCK OUT A 16 HOUR JOB IN 6.



The Clamp Nut reduces job time and increases safety by eliminating many of the complicated and unsafe procedures required by hydraulic tensioners.



It is being used on critical applications by every major oil and gas company in refineries, nuclear power stations, chemical plants, and more. Three results above have been tested and proven by independent testing companies.



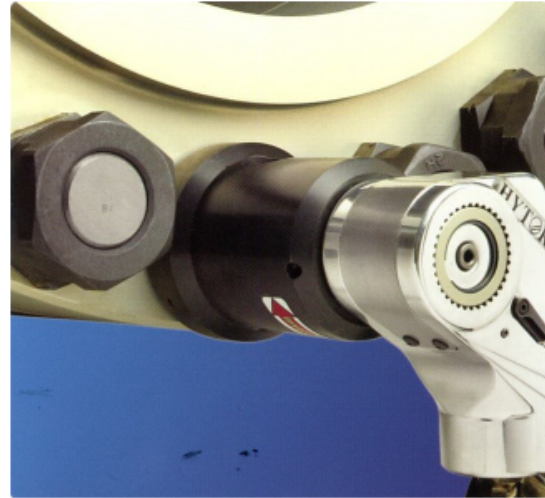
The **HYTORC Exclusive 12 Month - 12 Word Guarantee**

"YOU BREAK IT UNDER NORMAL USE - WE FIX IT FREE OF CHARGE."

At HYTORC, the word "misuse" is NOT part of our vocabulary. Our Worldwide Warranty covers the repair or replacement of any new tool for one year. If your repair cannot be done onsite, HYTORC will provide a loaner tool free of charge during the repair period.

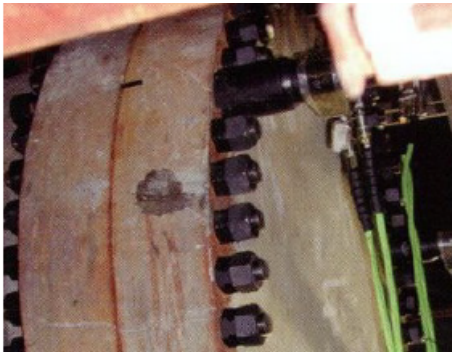
GET IT DONE FASTER - AND RIGHT THE FIRST TIME WITH THE **AWARD-WINNING LOADISC.**

The LoadDisc makes the Avanti and Stealth the only hands-free hydraulic wrenches in the world. Placed underneath a standard heavy hex nut, the LoadDisc is an economical low profile reaction washer with an inner thread segment.



This provides controlled surface friction that enhances bolt load accuracy -- from +/- 5% to +/- 10% -- and eliminates pinch points for a safer work environment

SPEND \$600 AND SAVE A MILLION.



**HOW CAN A
WASHER SAVE
A COMPANY
ONE MILLION
DOLLARS?**



When production time is valuable, every hour saved during an outage or shutdown translates into increased earnings. For an average cost of \$600 for tool rental and consumables, the LoadDisc washer makes installation easier, increases safety, and cuts the time of most bolting jobs in half!

1-800-GO-HYTORC
1-800-464-9867