





About HYTORC

HYTORC's mission is to optimize safety, quality and schedule in industrial bolting through innovative solutions, and an unyielding commitment to world class customer service.

Innovating Bolting Since 1968

HYTORC makes industrial bolting safer and simpler. With nearly 50 years of experience focused entirely on developing the highest quality industrial bolting systems, HYTORC is the most trusted name in the industry. From steel mills and mining equipment to refineries, power plants, and wind turbines; we have developed solutions for every bolting application imaginable. For custom projects, our highly experienced engineering team is at your service to design the most efficient solution for your job with simple operation and economical pricing in mind.

We are consistently improving upon existing products, and developing new tools, based on feedback from the people that use our tools every day. Our latest product line features patented industry-firsts like hands-free operation to keep tool operators at a safe distance from the application, onboard documentation systems to provide job accountability and assurance, and industry-leading bolt load accuracy to reduce nut loosening and joint failure.

With authorized repair facilities located all over the world, fast and professional service is always available. All of our products are covered by our worldwide industry-leading one year warranty coverage. Our latest bolting systems are guaranteed to stop leaks on pressurized vessels and eliminate unwanted nut loosening. Our mission is to make our customers' jobs as safe and hassle-free as possible.



Table of Contents

Electric

01 - Flash 2.0.....	06
01.01 - Industrial-Grade Repeatability	
01.02 - Dual Speed Bolting	
01.03 - Data Recording	
01.04 - Technical Data	
02 - Lithium Gun.....	08
02.01 - Industrial-Grade Power	
02.02 - Dual Speed Bolting	
02.03 - Data Recording	
02.04 - Technical Data	
03 - LION Gun.....	10
03.01 - Industrial-Grade Power	
03.02 - Unmatched Portability	
03.03 - Data Recording	
03.04 - Technical Data	

Notes

04 - Notes.....	12
-----------------	----

Comparison Charts



ICE (PG. 10) **Avanti** (PG. 12) **MXT** (PG. 14) **EDGE** (PG. 16) **Stealth** (PG. 18) **XLCT** (PG. 20) **Versa** (PG. 22)

Multi-direction hose swivel	✓	✓	✓	✓	✓	✓	✓
Torque accuracy within 5%	✓	✓	✓	✓	✓	✓	✓
Torque output up to 35,000 ft-lbs		✓	✓	✓	✓	✓	✓
Torque output beyond 35,000 ft-lbs		✓				✓	
Lock-on release	✓	✓	✓		✓	✓	
Hands-free bolting	✓*	✓*			✓		
Industry leading safety	✓*	✓*			✓*		
Industry leading load accuracy	✓*	✓*			✓*		
Auto pressure release	✓						
Total freedom swivel	✓						



Digital iGun (PG. 24) **iGun Single Speed** (PG. 26) **iGun Dual Speed** (PG. 28) **Flash Gun** (PG. 30) **Lithium Gun** (PG. 32) **LION Gun** (PG. 34)

Industrial grade gearbox	✓	✓	✓	✓	✓	✓
Repeatability within 5%	✓	✓	✓	✓	✓	✓
Torque output up to 3,000 ft-lbs		✓	✓	✓	✓	
Torque output beyond 3,000 ft-lbs	✓	✓	✓	✓		
Industry leading safety	✓*	✓*	✓*	✓*	✓*	✓*
Industry leading accuracy	✓*	✓*	✓*	✓*	✓*	✓*
Dual speed rundown/torque			✓	✓	✓	
Onboard tool readout	✓			✓	✓	✓
Lock-on release				✓	✓	✓
Built-in job documentation				✓	✓	✓
Wireless/hoseless operation					✓	✓
Built-in cycle counter	✓			✓	✓	✓
Operation below 75dB	✓	✓**	✓**	✓	✓	✓

* When used with a hytorc washer system

** When used with optional silencer system



Flash 2.0

The Flash Gun Series offers continuous power with unprecedented repeatability and documentation capability.

Industrial-Grade Repeatability

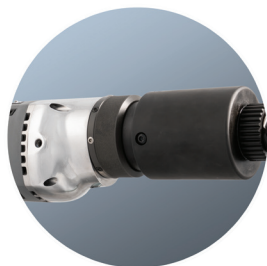
01.01



For maximum joint integrity, all of the bolts on a connection need to have an even and accurate load. The Flash Gun provides industry-leading repeatability to ensure that the bolted joint is assembled right the first time and maintains the torque over time.

Dual Speed Bolting

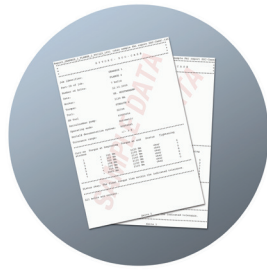
01.02



With a shift collar, the Flash Gun goes from high speed rundown mode to accurate final torque mode, eliminating the need for multiple systems on a job. The precision machined gearbox provides constant power without the vibration and noise found in impact guns. Adjust the power through the digital readout on the back of the gun to fine-tune the torque output for any job.

Data Recording

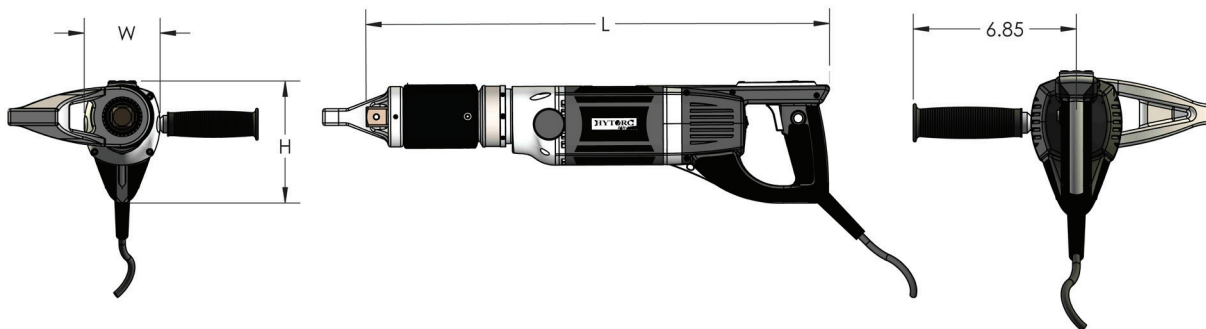
01.03



Built-in data recording capability allows the user to maintain a log of all completed bolting jobs. For improved quality control and accountability, the information can be saved to a PC or tablet to provide a permanent record of the work performed.

Technical Data

01.04



Model	H (Inch)	W (Inch)	L (Inch)	Drive (Inch)	Weight (Lbs)	Torque (ft-lbs)	
						MIN.	MAX.
FLA-1000	6.15	3.83	21.40	$\frac{3}{4}$	14.20	120	1,000
FLA-3000	6.15	3.83	23.40	1	18.50	315	3,000
FLA-5000	6.30	3.83	24.90	$1\frac{1}{2}$	23.30	520	5,000



Lithium Gun

The Lithium Gun Series is the ultimate solution for portability and convenience on industrial bolting jobs. With the world's first 36-volt industrial battery system, these tools are ready for heavy industrial use. The lightweight design and dual speed capability make this system the go-to choice for industrial maintenance and production environments worldwide.

Industrial-Grade Power

02.01



The Lithium Gun Series was designed from the ground up using aerospace-grade materials to provide a compact design with industrial durability and power. The 36-volt battery gives you the power to get through the toughest bolted joints.

Dual Speed Bolting

02.02



With a simple switch, the Lithium Gun goes from high speed rundown mode to accurate final torque mode, eliminating the need for multiple systems on a job. The precision machined gearbox provides constant power without the vibration and noise found in impact guns. Adjust the power through the digital readout on the back of the gun to fine-tune the torque output for any job.

Data Recording

02.03



Built-in data recording capability allows the user to maintain a log of all completed bolting jobs. For improved quality control and accountability, the information can be saved to a PC or tablet to provide a permanent record of the work performed.

Technical Data

02.04



Model	H (Inch)	W (Inch)	L (Inch)	D (Inch)	Drive (Inch)	Weight (Lbs)	Torque (ft-lbs)	
							MIN.	MAX.
BTM - 0250	12.85	3.47	10.12	2.50	1/2	9.52	35	325
BTM - 0700	12.85	3.47	11.12	2.58	3/4	10.20	150	700
BTM - 1000	12.85	3.47	11.44	2.58	3/4	10.60	200	1,200
BTM - 2000	13.20	3.47	11.44	3.187	1	14.20	325	2,000
BTM - 3000	13.20	3.47	13.29	3.187	1	15.60	500	3,000



LION Gun

The LION Gun is the world's first affordable precision bolting system with built-in data recording. Set your desired torque output on the LION Gun's display and pull the trigger to get precise, repeatable torque without excessive noise or vibration.

Industrial-Grade Power

03.01



The LION Gun's industrial-strength gear box is driven by a brushless DC motor connected to a non-impacting gearbox to deliver torque faster, smoother and more reliably than manual clicker wrenches, impact wrenches and other tightening tools.

Unmatched Portability

03.02



Through the use of aerospace-grade alloys, the LION Gun packs tremendous power without the weight. The 18-Volt lithium-ion battery provides long lasting operation with a quick recharge time to keep the job going.

Data Recording

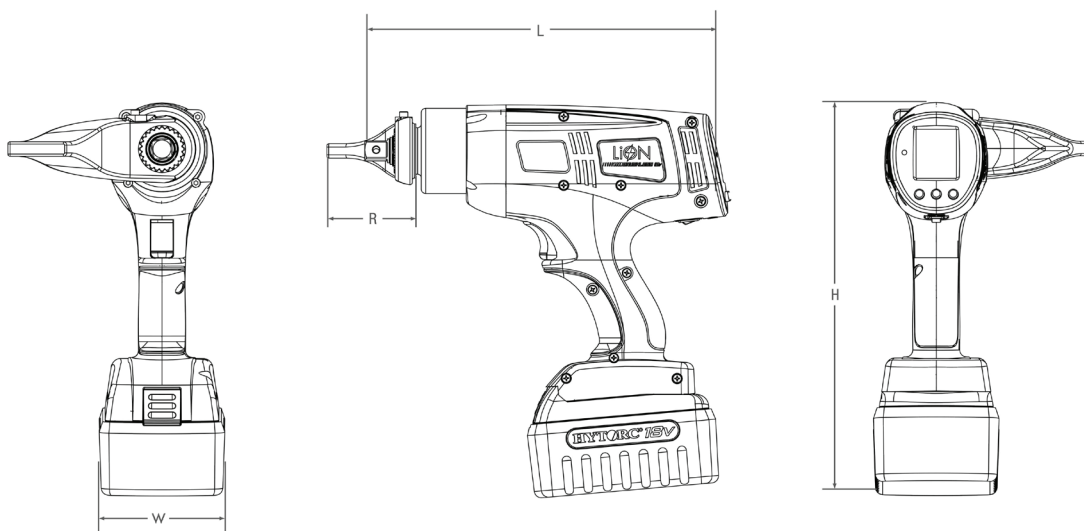
03.03



Built-in data recording capability allows the user to maintain a log of all completed bolting jobs. For improved quality control and accountability, the information can be saved to a PC or tablet to provide a permanent record of the work performed.

Technical Data

03.04



Model	H (Inch)	W (Inch)	L (Inch)	D (Inch)	Drive (Inch)	Weight (Lbs)	Torque (ft-lbs)	
							MIN.	MAX.
LION-.25	10.83	3.46	10.16	2.35	1/2	7.30	25	250
LION-.7	10.83	3.46	10.80	2.38	3/4	8.22	150	700

HYTORC WORLD HEADQUARTERS

MAHWAH, NJ, +1-201-512-9500

WORLDWIDE LOCATIONS

ADVANCED BOLTING SOLUTIONS P. LTD

NAVI MUMBAI, INDIA, +91-22-4171-4444

HYTORC BRAZIL

RIO DE JANEIRO, BR, +55-21-2621-1911

HYTORC OF CHINA

SHANGHAI, +86-21-6254-0813

HYTORC MIDDLE EAST

UAE, +44-7436-549468

HYTORC CENTRAL EUROPE & RUSSIA

PERCHTOLDS DORF, AU, +43-1-86-51-368

HYTORC JAPAN

SUGINAMI-KU, TYO, +81-3-3314-3315

HYTORC UK

CRAMLINGTON, NB, +44-1-670-363800

HYTORC OF KOREA

KYUNGGI-DO, +82-31-708-0850

HYTORC AUSTRALIA

ADELAIDE, SOUTH AUSTRALIA, +61-8-8293-8411

HYTORC SOUTH AFRICA

MOUNT EDGEcombe, DUR, +27-(0)315023119

HYTORC SINGAPORE

SINGAPORE, +65-689-789-95

HYTORC LATIN AMERICA

MARIA DE LA PIEDAD, CTZ, +52-921-21-52760

**HYTORC has representatives in every area of
the world. To find your nearest location visit:**

hytorc.com/world

E: info@hytorc.com

P: +1-201-512-9500