



THE WORLD'S
MOST **ADVANCED**
BOLTING TECHNOLOGY



JETYDTM
C O R P O R A T I O N

BOLTING SYSTEMS COMPARISON CHART

	JetHyd jGun	Impact Wrench	Pneumatic Multiplier	Hydraulic Torque	Hydraulic Tensioner
NO VIBRATION	X	-	X	X	X
LOW WEIGHT	X	-	-	-	-
REACTION ARM FREE	X	X	-	-	X
BACK-UP WRENCH FREE	X	-	-	-	X
1400 RPM RUNDOWN	X	X	-	-	-
RUNDOWN & TORQUE MODES	X	-	-	-	-
EQUAL LOOSENING FRICTION	X	-	-	X	-
SAFE FOR OPERATOR	X	-	-	-	-
BOLT LOAD ACCURACY WITHIN 10%	X	-	-	-	-
TORQUE/TENSION COMPATIBLE	X	-	-	-	-

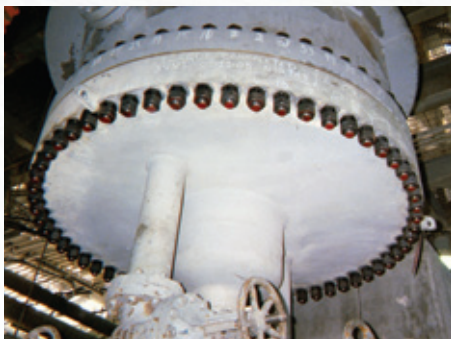


BENEFITS OF A JETYD JGUN



- ✓ Fastest air gun in the world
- ✓ Highest accuracy in the world
- ✓ 2-in-1 rundown & torque tool
- ✓ Handles any bolting application
- ✓ Torque/tension compatible
- ✓ Safe for operator and application
- ✓ Lightweight & durable

See page 4 for benefit details



BENEFIT DETAILS



Bolt Load Accuracy Within 10%

Impact wrenches function by shocking the nut with fast blows by a hammer-like device. This leads to inaccuracies, heavy vibration, and loud operating volume. jGuns use precision gearing to produce constant, calibrated power, assuring that you will achieve bolt load within your window of accuracy every time.



High Speed Rundown & Final Torque

All jGuns are designed to operate at two levels of torque. The first level is a high speed, low torque mode for fast and precise simultaneous run-down to assure flange face parallelism, one of the key requirements for LEAKAGE-ZERO™. The second level is a high torque mode that stretches each bolt to the desired load.



Safe for Operator & Plant Itself

With no pinch points, no external reaction arms, and a double layer safety socket, jGuns are exceptionally safe to operate. And, due to the system's accurate bolt load, jGuns eliminate the dangers of joint failure in even the most critical applications.



Convenient & Practical to Operate

Requiring only one-worker per job, jGuns are exceptionally easy to use. Unlike other bolting systems, jGuns do not require external reaction arms or back up wrenches. In fact, just flip a switch to go from ultra-fast rundown to highly accurate torquing! Plus, jGuns are lightweight, ultra compact, and come with a convenient carrying case.



Handles Any Bolting Application

Don't be misled by jGun's small size. With the highest power-to-size ratio in the world, jGun assures superior joint integrity for even the most critical applications. In fact, jGun is a preferred bolting system for the power generation, petrochemical, transportation, and mining industries.



Lightweight & Durable

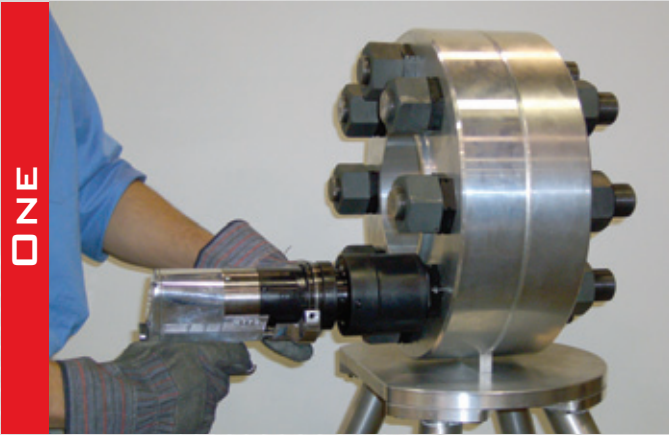
Made from high-strength aluminum alloy, jGun is lightweight and extremely resistant to damage. The gears and output shaft are composed of high-quality metals for superior performance and durability.



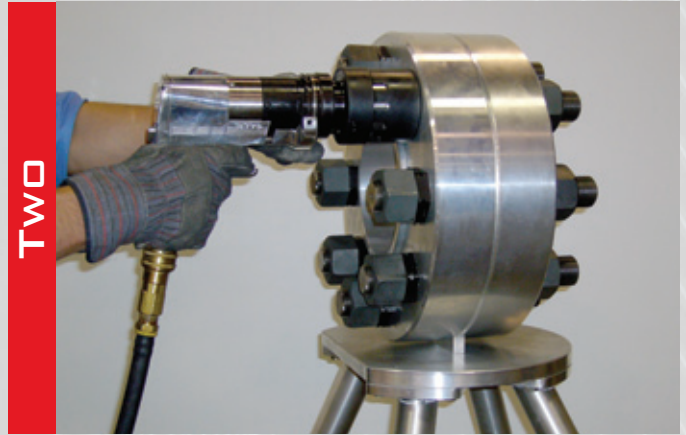
Patented Stretch-To-Load Bolting

JETYD offers two fastening systems to handle every application. Designed for total reliability on highly critical applications, the ClampNut provides the highest level of bolting optimization for nuclear reactors, steam turbines, etc. with no side clearance necessary. Used for other critical applications, the LoaDisc system eliminates reaction arms and backup wrenches and controls friction to allow for accurate torque-to-bolt load conversion.

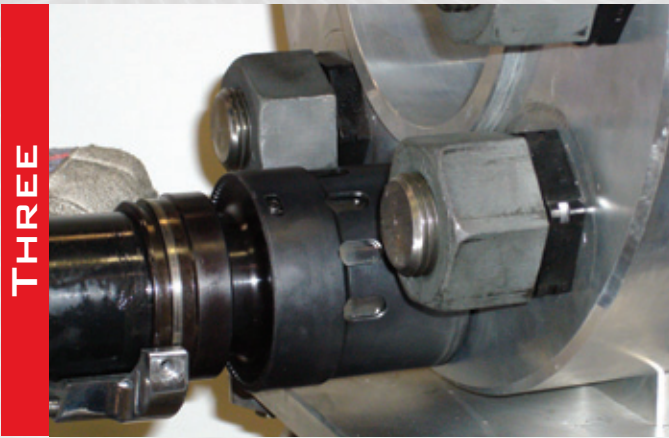
OPERATION

ONE

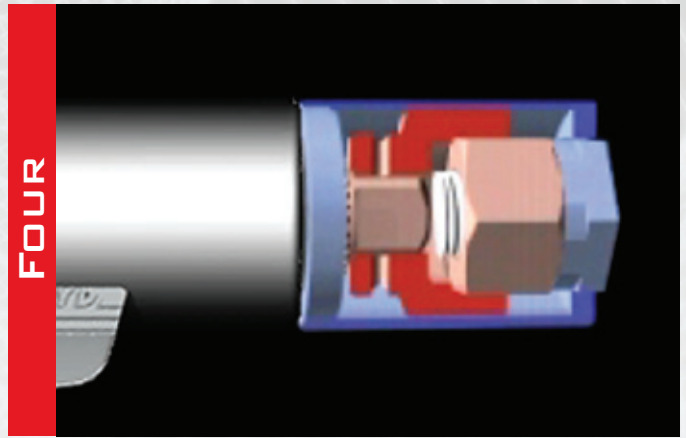
Thread a standard hex nut and LoadDisc onto the bolt using High Speed Mode.

TWO

Switch the jGun to high torque mode and place the LoadDisc driver over the nut and disc.

THREE

The outer sleeve of the driver reacts on the washer to prevent tool rotation.

FOUR

The socket inside turns down the nut until the desired bolt load is attained.

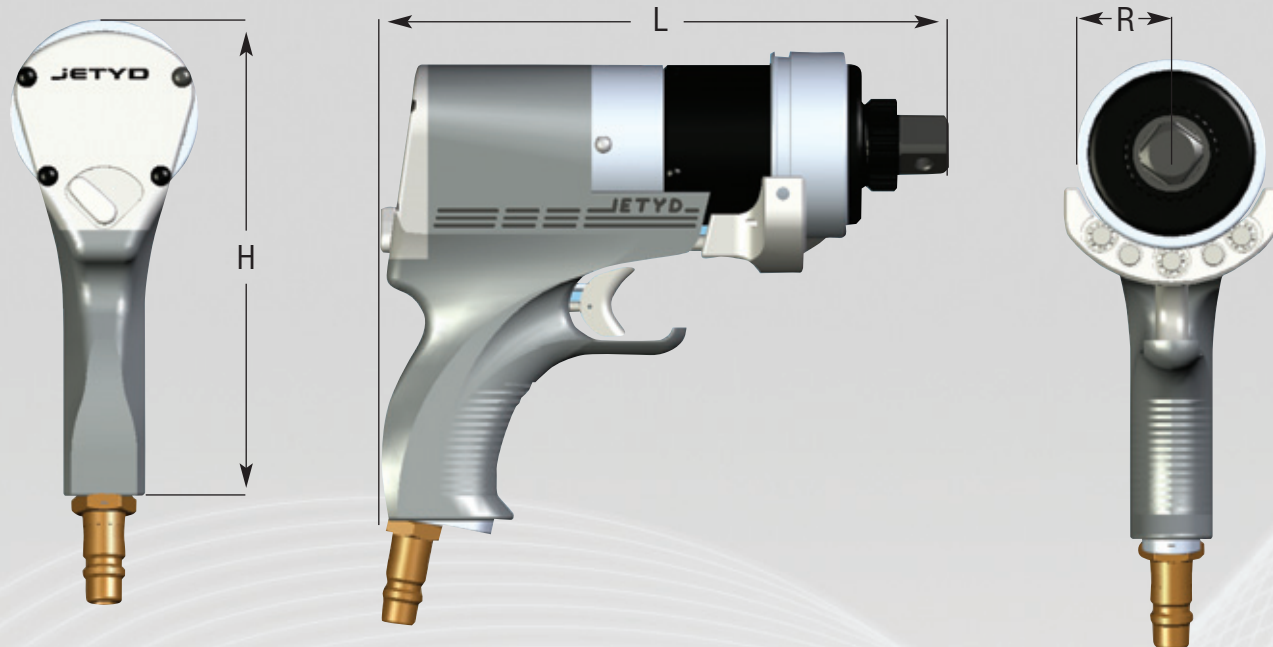
FIVE

The LoadDisc stops the bolt from turning, eliminating the need for backup wrenches.

SIX

The counter-nut effect between the LoadDisc and the Hex Nut prevents loosening.

SPECIFICATIONS



MODEL	JGUN - DS1	JGUN - DS3	JGUN - DS5
Max Speed	1400 RPM	1400 RPM	1400 RPM
Min Torque	442 ft-lb/599 Nm	870 ft-lb/1180 Nm	1233 ft-lb/1672 Nm
Max Torque	1250 ft-lb/1695 Nm	3100 ft-lb/4203 Nm	5200 ft-lb/7050 Nm
Height	7.06" / 17.93 cm	7.85" / 19.94 cm	8.45" / 21.46 cm
Length	8.45" / 21.46 cm	11.71" / 29.74 cm	15.08" / 38.30 cm
Radius	1.25" / 3.18 cm	1.5" / 3.81 cm	1.75" / 4.45 cm
Weight	9.5lb / 4.3 kg	14 lb / 6.4 kg	22.5 lb / 10.21 kg

MODELS



jGun Dual Speed

The JETYD jGun features the speed and conveniences of an impact wrench without its noise, vibration, and load variation. Its twin-torque mechanism has a first stage for parallel joint closure and a second stage to stretch bolts (side load free) to the desired load at 1400 RPMs. The jGun achieves bolt load precision within your window of accuracy to bring you the peace of mind that accompanies leak-free flanges and permanently tight bolts and nuts. With power up to 5,200 ft lbs of torque, the jGun replaces heavy inaccurate tensioners, torque tools and their hydraulic pump requirement. **Models: JGUN-DS1, JGUN-DS3, JGUN-DS5**



JGUN-DS1



JGUN-DS3



JGUN-DS5

ACCESSORIES



Each jGUN includes an FRL Unit (Filter/Regulator/Lubricator), a carrying case, and a 10' hose for connection to the FRL.



Superior Quality JETYD Sockets and Adapters



Limited Clearance Hex Link



The ClampNut Driver, LoadDisc Driver, and Standard hex nut socket with reaction arm



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