

SpinTORQ

Patented 360° Continuous Rotation Hydraulic Torque Wrench



- **36 times faster than ratcheting wrenches**
- **Fully reversible, full power in both directions**
- **Operates in tight spaces**
- **Manual or robotic control**
- **Durable stainless steel body**
- **Torque Range 200 – 7,000 ft-lbs**
- **Five motor sizes, ten wrench sizes**
- **Stack Sockets & Inserts**

LEADING PROVIDER OF BOLT LOADING & REMOVAL SOLUTIONS

Products and Prices are subject to updates and changes. Please contact us for current quote.

2013

SpinTORQ

Continuously Rotating Hydraulic Torque Wrench 36 Times Faster than Ratcheting Torque Wrenches!

- **Certifications:** CE Ex II 2 G c T3
- **Fully Reversible - with Full Power - in Both Directions**
- **Operates in Tight Spaces**
- **Accuracy is +/- 3%**
- **Robotic or Manual Control**
- **Operates @ 200 to 2500 PSI, up to 10 RPM**
- **Durable Stainless Steel Body**
- **10 Models from 200 to 7,000 ft. lbs.**
- **Hex Inserts and Stack Sockets Available**



Model IL360



The patented technology of the SpinTORQ wrench provides a 360° degree continuous rotation to create speed and accuracy with little effort, compared to hydraulic wrenches that offer a ratcheting technique. It can take 10 seconds to rotate a nut 10 degrees with the standard ratcheting method, taking approximately six minutes to complete one rotation. In the same application, the SpinTORQ will provide 6 revolutions per minute, thus 36 times faster. The convenience of full power in both directions, together with tremendous speed, results in dramatic time-saving benefits.

The SpinTORQ wrench fits most ANSI and API flanges, and is ideal for both underwater and topside projects. It is powered by a hydraulic motor and adapts to a wide range of wrench head sizes. In addition to the 9 standard models, FASTORQ® engineers will design and custom-build SpinTORQ wrenches to meet a customer's special need.

The Nuytco Research Limited's Deepworker 2000 mini submarine with a SpinTORQ attached to the manipulator. Designed to work up to 2,000 feet beneath the ocean's surface. Displayed at the Offshore Technology Conference in Houston, Texas.

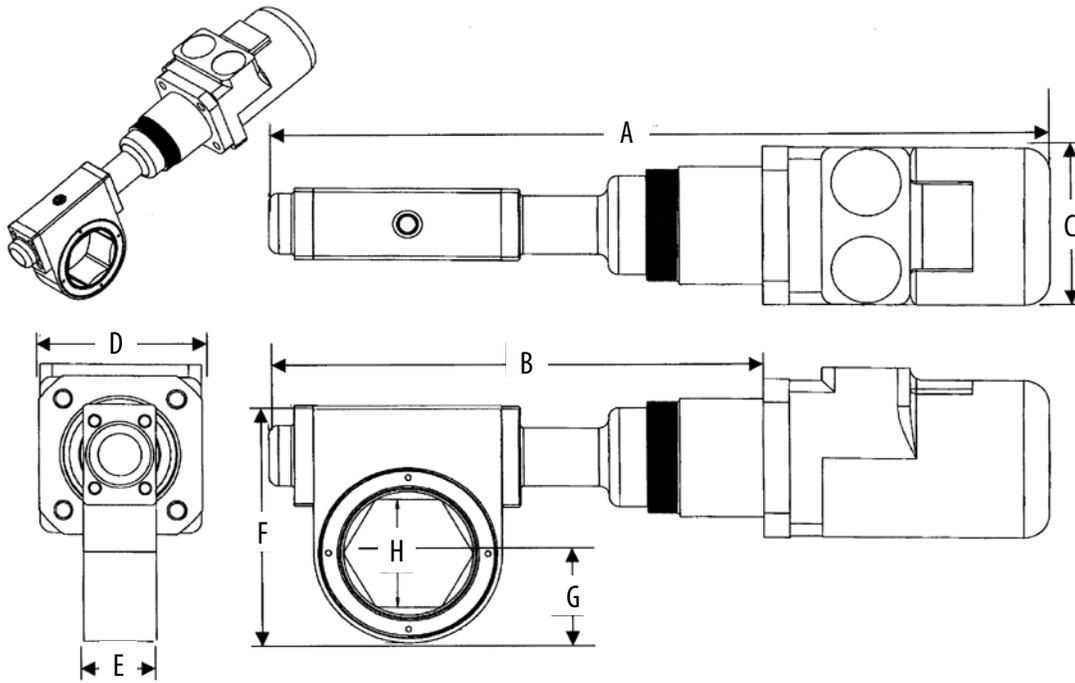
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Weights & Dimensions



Model	Hex Sizes Inches (MM)	Torque Range FT- LB (N-M)	Dimensions								Weight Hex Head Only LBS. (KGM)
			A Inches (MM)	B Inches (MM)	C Inches (MM)	D Inches (MM)	E Inches (MM)	F Inches (MM)	G Inches (MM)	H Inches (MM)	
IL360-113	1-13/16 (46)	200-700 (270-950)	15.50 (393.7)	9.75 (247.65)	3.625 (92.08)	3.281 (83.34)	1.312 (33.32)	3.875 (98.43)	1.400 (35.56)	1-13/16 (46)	5.00 (2.3)
IL360-200	2 (50)	200-900 (270-1220)	15.50 (393.7)	10.250 (260.35)	3.625 (92.08)	3.281 (83.34)	1.500 (38.1)	5.000 (127)	1.875 (47.63)	2 (50)	6.50 (2.9)
IL360-203	2-3/16 (55)	300-1200 (400-1630)	16.00 (406.4)	10.250 (260.35)	3.625 (92.08)	3.281 (83.34)	1.500 (38.1)	5.000 (127)	1.875 (47.63)	2-3/16 (55)	6.50 (2.9)
IL360-206	2-3/8 (60)	400-1600 (540-2170)	17.625 (447.68)	11.750 (298.45)	3.625 (92.08)	3.281 (83.34)	1.875 (47.63)	5.625 (142.88)	2.000 (50.8)	2-3/8 (60)	12.00 (5.4)
IL360-209	2-9/16 (65)	600-2200 (800-3000)	18.500 (469.90)	12.750 (323.85)	3.625 (92.08)	3.281 (83.34)	2.000 (50.8)	6.125 (155.58)	2.250 (57.17)	2-9/16 (65)	15.50 (7.0)
IL360-212	2-3/4 (70)	800-2800 (1100-3800)	18.500 (469.90)	12.750 (323.85)	3.625 (92.08)	3.281 (83.34)	2.000 (50.8)	6.125 (155.58)	2.250 (57.17)	2-3/4 (70)	14.50 (6.6)
IL360-215	2-15/16 (75)	1000-3400 (1350-4600)	19.00 (482.6)	13.25 (336.55)	3.750 (95.25)	3.281 (83.34)	2.250 (57.15)	6.520 (165.61)	2.285 (58.04)	2-15/16 (75)	18.00 (8.18)
IL360-302	3-1/8 (80)	1200-4000 (1630-5420)	19.00 (482.6)	13.25 (336.55)	3.750 (95.25)	3.281 (83.34)	2.400 (60.96)	7.250 (184.15)	2.750 (69.85)	3-1/8 (80)	23.00 (10.45)
IL360-308	3-1/2 (89)	1400-5000 (1900-6780)	21.500 (546.1)	14.00 (355.6)	4.000 (101.6)	3.281 (83.34)	2.500 (63.5)	8.000 (203.2)	3.000 (76.2)	3-1/2 (90)	28.00 (12.7)
IL360-314	3-7/8 (98)	2100-7000 (2850-9500)	21.500 (546.1)	14.00 (355.6)	4.000 (101.6)	3.281 (83.34)	2.500 (63.5)	8.000 (203.2)	3.000 (76.2)	3-7/8 (98)	28.00 (12.7)



SpinTORQ

603A Power Unit – Super High-Speed Linear Displacement Double-Acting Plunger Pump

FEATURES:

- Driven by a 6-HP reciprocating air motor to provide 10-GPM maximum oil flow at “no load” and 4-GPM at 1,500 PSI.
- Maximum output pressure: 3,000 PSI
- Integrated control console:
 - Easy to reach and use controls
 - Pressure reducing valve for pressure (torque) control
 - Flow control valve for speed control
 - Air pilot operated 4-way valve for directional control
 - Glycerin-filled easy to read pressure gauge
- Inlet & outlet hydraulic ports for use with external hydraulic source in place of 603A hydraulic pump
- Pair of high flow hydraulic hoses: 25-ft. long, filled, tested and complete with quick disconnects
- Three-button remote control assembly: Set, Forward, Hold, and Reverse; with 25-ft. of hose
- Air inlet filter, regulator, lubricator assembly
- Air requirement: 150 CF M @100 PSI
- 2.5-Gallon hydraulic reservoir, complete with oil level and temperature gauge
- Spin-on 10-micron oil filter
- All mounted on a 2-wheel mobile hand truck for maximum portability



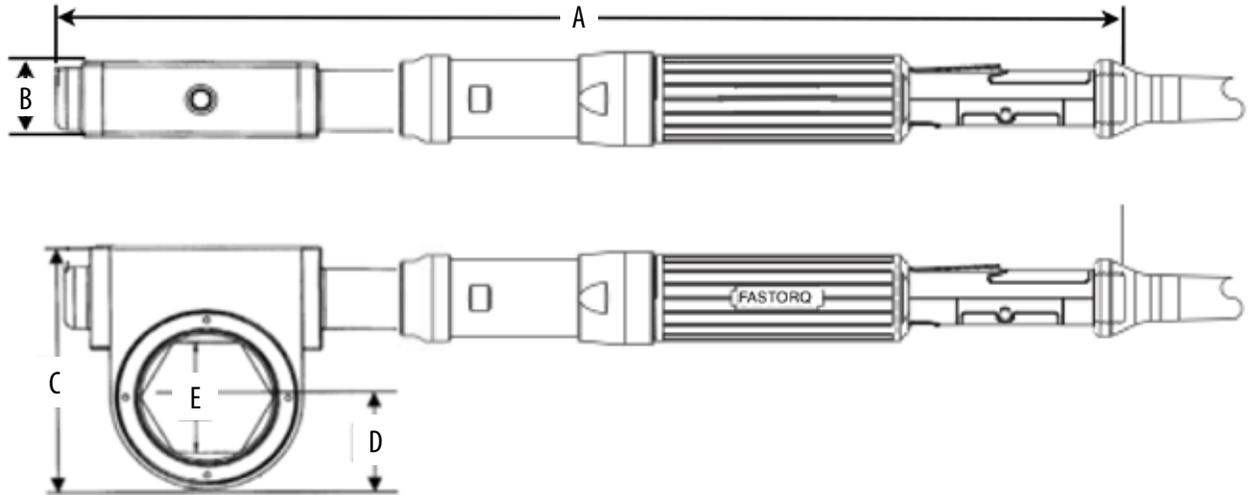
ST-CU Flow Control Unit – For Use with Rig or Shop Hydraulic Systems to Power SpinTORQ Wrenches

FEATURES:

- Integrated control console:
 - Pressure reducing valve for pressure (torque) control
 - Flow control valve for speed control
 - Air pilot operated 4-way valve for directional control
 - Glycerin-filled easy to read pressure gauge
- Inlet & outlet hydraulic ports for use with external hydraulic source
- Adjustable pressure (torque) control from 200 PSI to 3000 PSI
- Adjustable speed control from 2-GPM to 20-GPM
- Pair of High Flow Hydraulic Hoses: 25 ft. long, filled, tested and complete with quick disconnects
- Three-button remote control assembly: Set, Forward, Hold, and Reverse
- Provided with 25 ft. of hose
- Air requirement: 50 CFM @80 PSI to operate remote control
- Complete with hooks for positioning at job site



SpinTORQ DC



Model	Hex Sizes Inches (MM)	Torque Range FT- LB (N-M)	Dimensions					Weight Hex Head LBS. (KGM)	Weight Motor LBS. (KGM)
			A Inches (MM)	B Inches (MM)	C Inches (MM)	D Inches (MM)	E Inches (MM)		
IL360-113	1-13/16 (46)	200-700 (270-950)	27.02 (686.31)	1.312 (33.32)	3.875 (98.43)	1.400 (35.56)	1-13/16 (46)	5.00 (2.3)	10.3 (4.7)
IL360-200	2 (50)	200-900 (270-1220)	27.52 (699.01)	1.500 (38.1)	5.000 (127)	1.875 (47.63)	2 (50)	6.50 (2.9)	10.3 (4.7)
IL360-203	2-3/16 (55)	300-1200 (400-1630)	27.52 (699.01)	1.500 (38.1)	5.000 (127)	1.875 (47.63)	2-3/16 (55)	6.50 (2.9)	10.3 (4.7)
IL360-206	2-3/8 (60)	400-1600 (540-2170)	29.02 (737.11)	1.875 (47.63)	5.625 (142.88)	2.000 (50.8)	2-3/8 (60)	12.00 (5.4)	10.3 (4.7)
IL360-209	2-9/16 (65)	600-2200 (800-3000)	30.42 (772.67)	2.000 (50.8)	6.125 (155.58)	2.250 (57.17)	2-9/16 (65)	15.50 (7.0)	11.5 (5.3)
IL360-212	2-3/4 (70)	800-2800 (1100-3800)	30.42 (772.67)	2.000 (50.8)	6.125 (155.58)	2.250 (57.17)	2-3/4 (70)	14.50 (6.6)	11.5 (5.3)
IL360-215	2-15/16 (75)	1000-3400 (1350-4600)	30.92 (785.37)	2.250 (57.15)	6.520 (165.61)	2.285 (58.04)	2-15/16 (75)	18.00 (8.18)	11.5 (5.3)
IL360-302	3-1/8 (80)	1200-4000 (1630-5420)	30.92 (785.37)	2.400 (60.96)	7.250 (184.15)	2.750 (69.85)	3-1/8 (80)	23.00 (10.45)	11.5 (5.3)
IL360-308	3-1/2 (89)	1400-5000 (1900-6780)	33.57 (852.68)	2.500 (63.5)	8.000 (203.2)	3.000 (76.2)	3-1/2 (90)	28.00 (12.7)	16.3 (7.4)
IL360-314	3-7/8 (98)	2100-7000 (2850-9500)	33.57 (852.68)	2.500 (63.5)	8.000 (203.2)	3.000 (76.2)	3-7/8 (98)	28.00 (12.7)	16.3 (7.4)



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Customer Applications

OCEANEERING

- Project: "Genesis"
Client: Aker Maritime
Contacts: Tod Dosier, Jack Couch (Oceaneering)
Application: Two each Model IL360-200 SpinTORQ wrenches were used for installing structural components. The project lasted approx. 2 years (2000 to 2002). Diver operated at a water depth range of up to 180 ft.
- Project: "Marlin TLP"
Client: BP
Contacts: Chris Little, Roland Bourgeois (Oceaneering) Richard Griffiths (BP)
Application: SpinTORQ Model IL360-314 was used with a stack reducing socket for 3-1/8" nuts on 8" & 6" 2500 lb. ANSI Class flanges. The project lasted for one month in December, 2002. Diver operated at a water depth of 100 ft.
- Project: "NakiKa"
Client: Shell
Contact: Brian Adams (Oceaneering)
Application: SpinTORQ Model IL360-314 was used with a stack reducing socket for 3-1/8" nuts. The 1-week project took place in Ingelside, Texas during May, 2003. Diver operated at a water depth was 15 ft.
- Project: "Harrier"
Client: Pioneer Natural Resources Co.
Contact: Steve Olmos (Oceaneering)
Application: SpinTORQ Model IL360-314 was used with a stack reducing socket for 2-15/16" nuts on a spool piece flange of a flow line in December, 2003. ROV and WASP were used at water depth of 375 ft. in the Gulf of Mexico.
- Project: "Medusa"
Client: Murphy Oil
Contact: Ken Tyler (Oceaneering)
Application: SpinTORQ Models IL360-215 and IL360-209 were used on a sub-sea maintenance project for making-up flanges in March, 2005. ROV operated at water depth of 530 ft.

SHELL

- Projects: "NakiKa", "Princess", "Habenero"
Contractor: Cal Dive International
Contacts: James Smith, Allen Dyson (Shell)
Application: Two Model IL360-102 SpinTORQ wrenches were used on each project. Each project involved running down and torquing twenty 1-1/8" jack screws to secure the riser tapered stress joint into a carrier bushing. Diver operated; water depth unknown.

ON-SHORE PROJECTS

- Contacts: Cesar Molina - Field Supervisor (Pool), Trip Ellison, Steve Olson (Nabors)
Application: Pool/Nabors is using the SpinTORQ on drillings rigs for the make-up and breakout of API flanges as required for the work they are performing.

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