SPX BOLTING SYSTEMS

SPX BOLTING SYSTEMS is a full-service global manufacturer of controlled bolting solutions, including hydraulic torque and tensioning systems, industry-specific certified training programs, system rentals, and flange management database software. We are your “Solution Provider” and partner in flange management, both in regards to infrastructure construction and operations and maintenance applications, enabling you to complete your project safely, efficiently and on budget.

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SPX Bolting Systems has Rental and Sales facilities located around the globe including Houston, Texas | Aberdeen, U.K. | Singapore | Rio de Janeiro, Brazil (coming soon) | Dubai, UAE | and Perth, Australia. Additional customer service offices are located in the Netherlands and Shanghai. We also have a large distribution network that can offer local sales and service support in over 150 countries.

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SALES, SERVICE AND RENTAL CENTERS

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HYDRAULIC PUMPS

HYDRAULIC WRENCHES

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SALES • RENTAL • CALIBRATION
SOFTWARE • TRAINING • REPAIR

SPX Bolting Systems Product Overview

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spxboltingsystems.com
Tensioners

SRT SPRING RETURN TENSIONER

The SRT tensioner provides instant, accurate tensioning, and can be adjusted from "closed" to "open" with only two turnings of a single handle. It is well suited for use in both horizontal and vertical orientations and can be used on a wide variety of outside diameters without adjustment. The SRT tensioner is also a popular choice for use in applications requiring precise control of tension.

- Auto-engaging geared nut rotator
- Fine tooth ratchet prevents tool 'lock-on'
- Compact nose radius allows the tool to fit in tighter, hard-to-reach spaces
- Corrosion resistant material for use in harsh environments
- Designed for high cycle life: 2-3x more than existing technology
- Increased reliability
- High flow swivel manifold provides maximum flow
- Fully-retracted drive mechanism for operator safety

THREE-SQUARE DRIVE TORQUE WRENCHES

The TLSB low clearance tool features a range of link sizes. It is lightweight and has a tight fit for use in tight spaces.

- Fast operation cycle
- Fine tooth ratchet
- Internal swivel manifold relief
- Floating piston design
- Push button reversal of square drive

HPU-1 STANDARD AIR TENSION PUMP

This pump is designed for use with standard tensioners. It features a dual oil outlet with quick connectors, a hose storage reel, and a hose reel with quick release couplings.

- Instantaneous pressure rise
- Low weight, high strength design
- Low pressure/high flow manifold

HPU-1M MODEL AIR TENSION PUMP

This pump is designed for use with standard tensioners. It features a dual oil outlet with quick connectors, a hose storage reel, and a hose reel with quick release couplings.

- Instantaneous pressure rise
- Low weight, high strength design
- Low pressure/high flow manifold

TORQUE WRENCH

The TWSD are designed with the following:

- Hex drive for TWSD
- Sockets for the TWSD
- Extended length
- Reversible hand grips
- Adjustable gripping arm
- Flexible stem
- 10,000 psi/700 bar maximum working pressure

POWER TEAM Hand Pumps

The Power Team hand pumps are recommended to be used with high torque hydraulic wrenches, back up wrenches and other tools. They are available in sizes ranging from 3/4" to 3 ½" square drive, as well as for use with high torque hydraulic tool accessories.

- Cutting depth adjusted
- Cutting depth range
- Triple edge replaceable cutting blade
- ENS NUT SPLITTER

The ENS nut splitter is designed to separate socket and torque wrench assemblies in a single stroke with a fraction of the effort required with traditional methods.

- No need to remove reaction arm
- No need to remove reaction pawls, no tool lock-on
- Easy-to-use, no special skill required
- Corrosion-resistant stainless steel
- Designed to separate all nut sizes
### Pumps

**Infinity Series Pump (ISP)**: Designed to fit BS1560/ANSI B16.5/API and now up to 4” bolts. It provides low friction seals, piston/cylinder misalignment compensation, visible piston stroke indication, anti-slip grip surface, high pressure swivel coupling, and a 360° reaction arm feature reduces diver fatigue.

### Tensioners

**Tensioner**: Designed for high cycle (up to 3,000 cycles) and insensitive to environmental conditions. Compact, low profile allows use in tight spaces, even around corners. It provides a reaction nut feature to reduce diver fatigue, improving diver safety and productivity.

**Reaction Arms**: Include puller sleeves, anti-slip grip surfaces, and extended length reaction arms.

### Torque Wrench

**Torque Wrench**: Designed for high-cycle applications where consistent force and high-precision are required. It provides the same features as the Tensioner.

### Accessories

**Accessories** include a variety of torquemultipliers, torque wrenches, back-up wrenches, and tools for back-up tensioners, as well as pneumatic torque multipliers and a range of link sizes. It is light weight and has a tight hydraulic release.

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The Infinity Series Pump (ISP) is the preferred source of power. The Infinity Series Pump (ISP) from SPX helps get work done faster so you can get your next job sooner and more profitably.

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### The PE45

The PE45 is an Infinite Stage Pump which produces up to 2x the speed of typical 2-stage pumps. It provides maximum flow with in the rated pressure range of the pump from 80 - 690 Bar (0 to 10,000 PSI). The PE45 is the preferred source of power.

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### The PE55TWP-BS

The PE55TWP-BS is durable, dependable, and capable of being used in a wide range of link sizes. It is light weight and has a tight hydraulic release.

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### The PE39

The PE39 is a compact light weight Pump which provides maximum flow with in the rated pressure range of the pump from 150 - 300 Bar (2,000 - 4,500 PSI). The PE39 is the preferred source of power.

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### The PE60A

The PE60A provides maximum flow with in the rated pressure range of the pump from 300 - 450 Bar (4,500 - 6,750 PSI). The PE60A is the preferred source of power.

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### The PE8 ELECTRIC TENSIONER

The PE8 ELECTRIC TENSIONER is the preferred source of power. It provides maximum flow with in the rated pressure range of the pump from 150 - 300 Bar (2,000 - 4,500 PSI). The PE8 ELECTRIC TENSIONER is the preferred source of power.

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### The PE50 ELECTRIC TENSIONER

The PE50 ELECTRIC TENSIONER is the preferred source of power. It provides maximum flow with in the rated pressure range of the pump from 150 - 300 Bar (2,000 - 4,500 PSI). The PE50 ELECTRIC TENSIONER is the preferred source of power.

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### The PE30 ELECTRIC TENSIONER

The PE30 ELECTRIC TENSIONER is the preferred source of power. It provides maximum flow with in the rated pressure range of the pump from 150 - 300 Bar (2,000 - 4,500 PSI). The PE30 ELECTRIC TENSIONER is the preferred source of power.

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### The PE20 ELECTRIC TENSIONER

The PE20 ELECTRIC TENSIONER is the preferred source of power. It provides maximum flow with in the rated pressure range of the pump from 150 - 300 Bar (2,000 - 4,500 PSI). The PE20 ELECTRIC TENSIONER is the preferred source of power.

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### The PE10 ELECTRIC TENSIONER

The PE10 ELECTRIC TENSIONER is the preferred source of power. It provides maximum flow with in the rated pressure range of the pump from 150 - 300 Bar (2,000 - 4,500 PSI). The PE10 ELECTRIC TENSIONER is the preferred source of power.

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### The PE5 ELECTRIC TENSIONER

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**Pumps**

**Tensioners**

**Tensioner**

**SRT SPRING RETURN TENSIONER**

- Simple, strong, easy to use
- Durable design
- High pressure hydraulic pump
- Pressure gauge

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**Three Torque Wrench High Cycle**

- Designed for high cycle (up to 3m cycle life)
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**TORQUE WRENCH**

- Designed for high cycle (up to 3m cycle life)
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**ENX TORSION WRENCH**

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**Accessories**

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**SFP FLANGE PULLER**

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TRAINING
SPX has over 75 years of combined bolting expertise to support our customer base. We are accredited by API and ECITB to provide training classes in hydraulic torque and tension on our certified trainers. A course includes classroom training as well as hands-on practical training for both torque and hydraulic stud tensioning.

SOFTWARE
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