

psss

Your "Go To" Supplier for all things Piping!



Shutdown

INTRODUCTION

Piping Specialty Supply Service (PSSS), was established in 2012 by Managing Director John Wilton. With some 30+ years' experience servicing & and supporting the Australian Pipeline and construction sectors, John leads a small dedicated & and committed team, proud to be the 'Go-To' supplier for their clients.

Piping Specialty Supply Service sells and hires an extensive range of equipment, tooling, and consumables.

Equipment sold or hired can be used across the 'whole of life' of a pipeline i.e., Through:

- Pipeline Construction
- Pipeline Maintenance
- Pipeline Preservation

If you need equipment, tooling, or consumables for these segments, PSSS is your first point of call!

PSSS proudly represents their supply partners including:

Axis, CDI, DMI, Dyna Torque - Lone Star, Enerpac, SRJ, Guardian, Hy-Ram, Mirage, Pipeline Innovations, Royal Oil and Gas - Fast Fusion, Rosen, Sawyer Mfg, SPC, SPX and many more!

With an ongoing commitment to innovation, manufacturing and an ever-expanding product range, PSSS is a dedicated 'solutions' focused supplier of high-quality equipment and tooling, combined with a top team dedicated to ensuring you get what you need when you need it!

FLANGE FACERS



AXIS



**Bore Mount Flange Facing Machine
8-42" (203 -1066mm)**

An internally mounted flange facing machine capable of producing a continuous groove gramophone finish to ASME Standard along with the capability to auto feed groove profiles

- Heavy Duty Precision construction
- High torque planetary gear drive
- 3 continuous groove in/out facing feeds to provide a gramophone finish (ASME Standard).
- Auto Boring Feed
- Adjustable base with 8off clamping legs and extensions for quick & ridged set on site
- Hardened slide ways to maintain long term accuracy
- 360 degrees swivel tool post for groove details



Outside Mount Flange Facing Machine 0 -12" (305mm)

An externally mounted flange facing machine capable of producing a continuous groove gramophone finish to ASME Standard along with the capability to auto feed groove profiles

- Precision construction
- High torque helical gear drive
- 2 continuous groove in/out facing feeds to provide a gramophone finish (ASME Standard).
- Adjustable base clamping bolts and extensions for quick set site operation
- Hardened slide ways to maintain long term accuracy
- 360 degrees swivel tool post for groove details



The Propeller™-Twin Arm Flange Facing Machine

An internally mounted, lightweight and robust flange facing machine using unique fixed gear system to create a cut with single point to produce continuous groove gramophone finishes across joint face that complies with ASME B16.5 Standard. Manually driven

- Geared continuous groove facing feeds for a gramophone finish (ASME Standard)
- Quick set independent base for improved on-site operation
- Hardened slide ways to maintain long term accuracy
- Swivel tool post

Mirage



Internal Mount Flange Facing Machine (50 - 3000mm)

- Precision construction
- Geared continuous groove facing feeds for a gramophone finish (ASME Standard)
- Quick set independent base for improved on-site operation
- Hardened slide ways to maintain long term accuracy
- Swivel tool post for groove details; reduces need for separate accessories
- Supplied with 3 different base sizes



External Mount Flange Facing Machine (0 - 600mm)

- Precision construction
- Preloaded cross roller drive, ensuring robust, repeatable machining
- Geared continuous groove facing feeds for a gramophone finish (ASME Standard)
- Additional leadscrew available for alternative finish
- Hardened slide ways, to maintain long term accuracy
- Quick-set integrated clamping jaws
- Swivel tool post for groove machining
- Auto-axial boring feed



Mechanical Flange Facing Tool

- Refacing made easy - hand-operated machine tool can be set up anywhere without the need for air, electric or hydraulic power support
- Lightweight and portable - easily transported to remote locations for increased productivity
- Adjustable cutting range for flange diameters between 1-12 inches [25,4-304,8 mm]
- Interchangeable collets for ID mounting range from 1-6 inches allowing the user to work on many different flanges with minimal time between set-ups

High Cycle Torque Wrench

✔ Item For Sale ✔ Item For Hire

The Bolting Systems TWHC series torque wrench is designed for high cycle quality and lower cost of ownership. Intently constructed for a cycle life two to three times longer than existing technology.

- Designed for high cycle life: 2 to 3 x more than existing technology
- Increased reliability: simple drive assembly means less downtime
- Corrosion-resistant material used for use in harsh environments, including offshore and subsea



Square Drive Torque Wrench

✔ Item For Sale ✔ Item For Hire

Light weight and high strength the Bolting System TWSD series tool features superior torsional strength, fast operation cycle, fine tooth pawl, and floating piston design.

- Low-weight, high-strength design
- Superior torsional strength
- Fast operation cycle



Low Clearance Torque Wrench

✔ Item For Sale ✔ Item For Hire

The Bolting Systems TWLC series wrench is a lightweight tool featuring low height and a tight nose radius. The TWLC series wrench was designed for the most inaccessible bolting areas found in the industry.



The Slimline Torque Wrench

✔ Item For Sale ✔ Item For Hire

The Bolting System TWSL series slimline torque wrench is engineered to meet the demand for a tighter-fitting wrench in the oil and gas market. The TWSL slimline torque wrench is engineered to fit inaccessible applications with minimal clearance.



Pneumatic Torque Wrench

✔ Item For Sale ✔ Item For Hire

The Bolting Systems NRP series Pneumatic Wrench is designed for high cycle quality and lower cost of ownership. Intently constructed for a cycle life two to three times longer than existing technology.

- High-speed continuous rotation speeds up bolt working times
- Torque output accurate to +/- 3%.
- Unique calibration for each tool, with certificate.





Bolting system pumps are typically used in industrial applications to provide hydraulic power for bolting or fastening operations. These pumps are designed to generate high-pressure hydraulic fluid that is used to operate hydraulic bolting tools, such as hydraulic torque wrenches or hydraulic tensioners

They provide the hydraulic power necessary to achieve the required torque or tension on bolts and fasteners. They are preferred for their ability to provide consistent and controlled force, ensuring the integrity and safety of the assembled structures or equipment.

Air Hydraulic



CLASSIC SERIES AIR HYDRAULIC PUMP

The RWP55-BS has been the market leading pump for over 30 years & is therefore tried & tested. A simple, light-weight design with a recent upgrade that has created a cost-effective workhorse.



INFINITY SERIES (ISP) AIR PUMP

The SPX FLOW PA60A is an Infinity Stage Air Pump which increases productivity on the job by providing continuous pressure for up to 2x the speed of typical 2-stage pumps. Jobs get done faster and easier.

Electric Hydraulic



CLASSIC SERIES ELECTRIC HYDRAULIC PUMP

704 cu. In./min. Vanguard® series torque wrench pump. 10,000 psi (700 bar) classic series electric hydraulic pump the PE55TWP-BS has been the market leading electric pump for over 30 years & is therefore tried & tested.



COMPACT ELECTRIC TORQUE WRENCH PUMP

Newly designed compact pump incorporates new proven pump design for reliable operation in rugged torque wrench applications.



INFINITY SERIES (ISP) ELECTRIC PUMP

The infinite stage pump (ISP) incorporates technology that makes it an excellent choice for increasing productivity on the job.

High Pressure Hydraulic Bolting Pump



The Bolting Systems PE60 SERIES High-Pressure Hydraulic Bolting Pump is Designed and Configured to Meet A Variety of Tough Bolting Applications.

- Standard or Intelligent Autocycle technology options for fast bolt/nut rundown
- True unloading valve achieves greater pump efficiency, allowing higher flow at maximum pressure
- Weather-resistant control panel and shrouds for motor/electrical protection
- Hydraulic wrenches driven manually or through a continuous Autocycle operation
- Lightweight and portable. The best performance-to-weight ratio of all Bolting Systems pumps
- 1.5 or 2.5 gallon deep draw reservoirs with O-ring Lip for leak-free operation



Tensioners are specialized tools used to apply a precise and controlled amount of tension to a bolt or fastener. They play a crucial role in ensuring the proper assembly, tightening, and securement of bolts in various industrial applications. Tensioners are commonly used in conjunction with hydraulic systems, and they come in different designs and sizes to accommodate various bolt sizes and configurations.

Spring Return Bolt Tensioner

The design of the Bolting Systems SRT series spring return bolt tensioner dramatically increases productivity and safety on the job site when compared to obsolete manual return tensioners.

- Piston overstroke prevention
- Piston stroke indication Compatible with MRT tensioner range
- Unique quick-release bridge adaptation
- Piston/cylinder misalignment compensation
- Bolt coverage from 3/4" to 4" (20 - 115 mm) with just 8 tools



Manual Return Bolt Tensioner

The Bolting Systems MRT series manual return bolt tensioner incorporates a unique quick-release bridge adaptation, and a range of adapter kits provides maximum flexibility.

- Features a piston stroke limit, and visible indicator.
- Piston/cylinder misalignment compensation bolt coverage from 1" to 3-1/2" with just 6 tools designed to fit BS1560/ANSI B16.5/API flanges
- Unique quick-release bridge adaptation
- Application-specific tooling available. Contact factory for details.



Stud Tensioners

SST stud tensioner quick reaction subsea tensioner incorporates the quick reaction feature to reduce dive fatigue, improving dive safety and productivity.

- Visible piston stroke indication Positive 'over-stroke' stop to prevent piston expulsion/seal damage.
- Piston/cylinder misalignment compensation
- Anti-slip cylinder surface for improved handling
- Low friction seals



Bolting Systems WDD

Bolting Systems WDD series wind tensioners are intently designed with standard features that enhance durability, efficiency, and safety. The WDD series is built to lower the average life-cycle costs of wind tensioners.

- Achieves 90% proof load requirement for ISO 898 Grade 10.9 bolts
- A fully enclosed load cell eliminates debris in the piston retraction mechanism
- Auto-Engaging Geared Nut Rotator
- Self-energizing, long-life seals



1,500 Bar (21,750 PSI) TOPSIDE BOLT TENSIONER & HYDRAULIC PUMP



Standard flow tension pump. The corrosion-resistant frame works well for applications near saltwater. Standard flow ideal for land-based (topside) tension applications where the required power source is compressed air.

Quality means Lower Life-Cycle Costs:

- Over 100,000 cycles
- Continuous duty up to 122°F (50°C) ambient
- Proven design = Proven reliability

Enhanced Usability:

- Calibrated 6" (150mm) Pressure Gauge
- Dual oil outlets with quick-connect, no spill couplings
- Pneumatic Filter/ Regulator/ Lubricator included Stainless Steel carry frame

Designed with Safety in Mind:

- Easily adjusted pressure regulator valve
- Air pressure safety relief valve

1,500 Bar (21,750 PSI) HIGH PRESSURE ELECTRIC PUMP



This newly designed electric tensioner pump incorporates proven design for reliable operation.

Quality means Lower Life-Cycle Costs:

- Over 100,000 cycles
- Continuous duty up to 122°F (50°C) ambient
- Proven design = Proven reliability

Enhanced Usability:

- Light Weight and portable: 45.5 lb (20.6 kg) [without oil]
- Quick Release, removable control pendant (15 ft / 5 m)
- Removable 4" (100 mm), calibration-capable, gauge
- Universal Motor for reduced voltage applications (up to -20% nominal voltage)
- SPX Tensioners are designed to daisy-chain together so multiple tools can run off one pump
- Compact design fits into tight spaces

Designed with Safety in Mind:

- Easily adjusted pressure regulator (relief) valve.

BOLTING ACCESSORIES

Flange Aligners – Mechanical & Hydraulic

✔ Item For Sale ✔ Item For Hire

Flange alignment tools are developed to rectify twist and rotational misalignment without additional stress in pipelines. Hydraulic cylinders, jacks and lifting wedges can also be used to assist in positioning and aligning. Combining the Enerpac and Equalizer flange alignment tools into a single offering provides a complete line of alignment tools.



Flange Spreaders – Mechanical & Hydraulic

✔ Item For Sale ✔ Item For Hire

Enerpac flange spreaders use mechanical and hydraulic principles for separating flanges and can spread small, medium, or large flange joints. Tool selection is made on the basis of the access gap between the flange faces, the flange size, and the required scope of work.



Hydraulic Nut Splitter

✔ Item For Sale ✔ Item For Hire

The Bolting Systems ENS series hydraulic nut splitter offers a reliable and effective solution for the removal of seized and corroded nuts. The ENS series performs efficiently due to a blade positioning scale to eliminate bolt damage. Allowing for a fixed cutting depth the ENS series utilizes an adjustable rotating cylinder. Size ranges from 3/4" to 3-1/2" bolt diameters. Designed to fit ANSI, ASME B.16.5 flanges.



Hydraulic Spreader

✔ Item For Sale ✔ Item For Hire

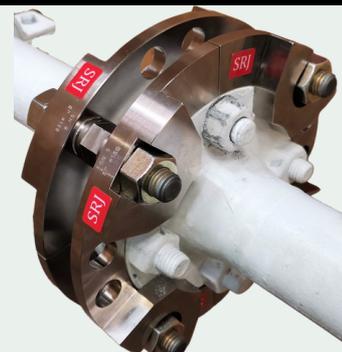
Bolting Systems has intractably designed the FLS series of hydraulic cylinders. These units are ideal for pipe and flange repair. They can also be used for removing elbows, gasket and metal seal replacement on couplers, heavy equipment maintenance, and many other tasks. The spreaders are capable of developing up to 15 metric tons of force, are lightweight (only 7 lbs. [3.2 kg]),



Hot Bolting Clamp

✔ Item For Sale ✔ Item For Hire

The SRJ BoltEx is designed to facilitate safe flange bolt replacement during normal operations also known as "hot bolt" capability. Boltex can also give assurance in cases of degraded flange connections by providing flange reinforcement for extended periods. BoltEx is a safe and cost-effective solution to ensure flange joint integrity in the event of damage or during bolt replacement.



Clamshell / Split Frame Machine

✔ **Item For Sale**
 ✔ **Item For Hire**

Low Clearance split frame pipe cutting and bevelling machine that has been designed for cutting and bevelling pipe efficiently. The machine can operate on materials and the ability to perform cuts with inserted tooling to reduce operating time

- Efficiently cuts and bevels pipes
- Slimline, adjustable combination cutting tool slides included as standard
- Air 1.8Kw –3.0Kw or hydraulic motor drive options
- Performs all operations in carbon steel, stainless steel, Hastelloy, Incolloy and Super Duplex



Specs

Model	Size Range
PCB1-4	1" -4" 26mm -101mm
PCB2-6	2" -6" 51mm -152mm
PCB3-10	3" -10" 76.2mm -254mm
PCB6-12	6" -12" 152mm -305mm
PCB7-14	7" -14" 178mm -356mm
PCB14-20	14" -20" 356mm -508mm
PCB18-24	18" -24" 457mm -610mm
PCB22-28	22" -28" 559mm -711mm
PCB30-36	30" -36" 762mm -915mm
PCB36-42	36" -42" 915mm -1067mm
PCB42-48	42" -48" 1067mm -1220mm
PCB48-60	48" -60" 1220mm -1524mm
PCB60-72	60" -72" 1524mm -1829mm

Excalibur Cold Cutting Machine

✔ **Item For Sale**
 ✔ **Item For Hire**

The Excalibur Pipe Cutting and bevelling Machine is able to cut pipe wall up to 2" (50 mm), bevel high tensile stainless steel pipes, and work in the most extreme temperatures. Available in Hydraulic, Pneumatic, or Electric driven options, the Excalibur machines will cut and bevel most machinable materials, including carbon steel, stainless steel, ductile iron, cast iron, and most other alloys without spark or flame.

- Suitable for pipe 15.24cm – 7 m diameter & beyond
- Perfect for cutting pipe in explosive environments
- Two-speed drive gearbox; cuts at speeds of up to 60 mm/min.



Chain Clamps

✔ Item For Sale ✔ Item For Hire

Sawyer Chain Clamps are designed and manufactured with welders in mind. When a high-quality weld through precise alignment is needed, this adjustable pipe clamp is perfect. Offering excellent versatility with options for pipe-to-pipe fit-up and alignment.

Types Available:

- Chain Clamp - For pipe sizes 4" - 72"
- Double Chain Clamp - For pipe sizes 10"-216"



Double Chain Clamps

✔ Item For Sale ✔ Item For Hire

The Sawyer Double Chain Clamp is designed for aligning and reforming pipes and vessels up to 6 meters (20') in diameter, up to Schedule 80. If no reforming is required, then the clamp can be used to align over Schedule 80. Specialized heavy duty jack bars and main blocks can deal with even the most difficult of reforming jobs.



Ultra Rim Clamp

✔ Item For Sale ✔ Item For Hire

Much like the Rim Clamp, the Sawyer Ultra Rim Clamp is designed for use on out-of-round pipes requiring a high level of alignment accuracy, but the Ultra Rim Clamp is a heftier pipeline welding clamp than the previous model and is built to align and reform X65, X70, and X80 pipe with wall thicknesses up to 1 3/8" (35 mm). It is capable of reforming pipe with an out-of-round condition of up to 2" (51 mm).



Diamond Wire Saw

✔ Item For Sale ✔ Item For Hire

The Mirage Diamond Wire Cold Cutting Saw (DWS) is designed for cutting on multi string casings, piles, platform legs, and wellheads. The diamond wire saw is ideal for quick cutting through dissimilar materials and resisting compressive forces. DWS is an abrasive cutting technology that is extremely effective in different subsea environments. Customised saws are available by special order.

- Available for rent in sizes 16 - 38"



End Prep Machines

✔ Item For Sale ✔ Item For Hire

The ID-Mounted bevelling machine operation utilizes an expandable mandrel which is slid into the open end of the pipe. A draw nut is tightened, which expands the mandrel blocks up a ramp and against the ID surface for positive mounting, self-centered, and squared to the bore. As the tool bit is fed into the material from the end, a bevel is produced which conforms to the angle predetermined by the angle ground into the bit. Bits are available for practically any material or bevelling angle required, and bits can be custom-made for any form of tooling operation.



Jacks

Item For Sale
 Item For Hire



Designed to lift, support, or stabilize heavy objects. They come in various types, such as hydraulic, scissor, or bottle jacks, each tailored to specific applications. Typically operated by hand or a motorized mechanism, jacks employ a simple principle of force multiplication to raise objects efficiently.

- SIDEWINDER JACKS
- LOW PROFILE BOTTLE JACKS
- BOTTLE JACKS
- TELESCOPING BOTTLE JACKS
- ECONOMY TOE JACKS
- HEAVY-DUTY TOE JACKS
- Portable Railroad Edition
- INFLATABLE JACKS
- POST-TENSIONING JACKS
- JE/JA SERIES

Cylinders

Item For Sale
 Item For Hire



Used for lifting and pressing. Designed to utilize aluminum bronze bearings to significantly reduce wear. Piston return speed and spring life are bolstered by Maximum-sized springs. Constructed for durability, using a Solid steel cylinder body for integrity.

- C SERIES
- CPS/RPS
- CBT SERIES
- RP SERIES
- RA SERIES
- RLS SERIES
- RSS SERIES
- RH SERIES
- RT SERIES
- RGG SERIES
- RDG SERIES
- RGL SERIES
- RGP SERIES
- RD SERIES
- R SERIES
- RA_L SERIES
- R_L SERIES

Pumps and Hoses

Item For Sale
 Item For Hire



Precision-matched cylinders and pump sets for a wide range of applications.

- Four styles of cylinders to choose from.
- Sets feature single or two-speed hydraulic hand pumps.
- Cylinders of various tonnages with long, medium, or short strokes.
- Includes necessary fittings, couplers, and six-foot hoses.

SHUTDOWN

Shutdown Containers

✔ Item For Sale ✔ Item For Hire



- Available for hire - Our specially designed storage and workshop containers are the perfect solution for your next Shutdown. With the ability to house the complete range of specialty tooling and machinery such as:
- Flange management and bolting
 - Torque wrenches
 - Tensioners
 - Pumps
 - Spreaders
 - Flange aligners
 - Nut splitters
- Pipe cutting and bevelling
 - Clamshells
 - Oxy/acetylene machines
 - End prep
- Hot tapping machines
- Hot bolting clamps
- Repair clamps
- Weld neck testers
- Line up and reforming clamps; and more

Hot Tapping Machines

✔ Item For Sale ✔ Item For Hire

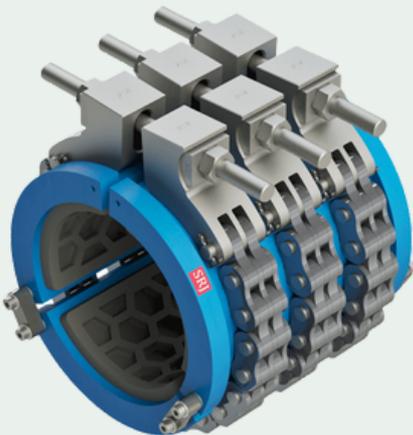


Mirage Hot tapping machines offer unparalleled performance with some of the most reliable, durable, efficient, and precise hot-tapping machines on the market. Mirage equipment provides a variety of solutions for both water and gas applications for drilling, tapping, valve insertion, and flow stopping. The under-pressure drills are perfect for lower-pressure gas and water applications. The Mirage hot tapping machines can be used for a wide range of applications across both steel and HDPE including:

- Transmission Pipelines
- Construction Tie-ins
- Petrochemical Pipelines
- Water Mains Pipelines
- Gas Distribution
- Valve Installation & Repair
- Wellhead Maintenance
- Subsea Pipelines
- Temporary Isolation

Multi-Shell Repair Clamp

✔ Item For Sale ✔ Item For Hire



PMSRC is designed to arrest leaks on the piping systems, enabling a quick and effective containment management solution. MSRC can be installed on degraded piping systems to prevent the loss of containment on piping in critical condition.

- Quick and safe to install
- Compact and reusable
- Cost-effective
- Innovation design sealing system

ABANDONMENT PLUGS & COVERALLS

2" Pipeline Abandonment Plugs

✓ Item For Sale



NuTech's 2" Pipeline Abandonment Plugs are built with carbon steel plates and wing nuts or hex nuts.

3", 4", 6" AND 8" Pipeline Abandonment Plugs

✓ Item For Sale



The 3", 4", 6" and 8" Pipeline Abandonment Plugs are built with light-weight, durable, non-corrosive aluminum plates and hex nuts.

Setting and retrieving of the 3", 4", 6" and 8" plugs can be done with the Excalibur Plug Setting Tool.

Coveralls

✓ Item For Sale



NFPA 70E

APPROVED NFPA 2112

PROTECTION

SUN ANTI-STATIC BREATHABLE

BREATHABLE

LIGHTWEIGHT

CLASS D/N



Fabric

- FLAREX 190gsm, 60% Modacrylic, 34% Cotton,
- 5% Aramid, 1% Anti-Static
- PPEI ATPV 7.0 Cal/cm2

Sizes

- Regular (77 - 132) *Red: Regular (77 - 117)
- Stout (87 - 132)
- Long (79 - 94)



PSSS PROUDLY REPRESENTS...





Contact Information

Ph: 1300 794 096

Email: Sales@psssa.com.au

Website: www.psssa.com.au