



SPXFLOW[®]



BRIDGE
CONSTRUCTION
POWER GENERATION
TRANSPORTATION
TUNNELING

Heavy Lift &
Positioning Solutions

➤ **Power Team**[®]
➤ **Bolting Systems**[™]



INDUSTRY LEADING PRODUCTS & SUPPORT

A Heritage of Innovation

We offer solutions to overcome your heavy lift challenge with over 96 years of experience in supplying professional grade high-pressure hydraulic pumps, cylinders, jacks, pullers & tools.

Whether it's a bridge, heavy machinery, power generation, or any heavy lift application that requires positioning with high accuracy – Power Team® and Bolting Systems™ offer the optimum hydraulic solutions. Thanks to our expert knowledge and many years of experience, SPX FLOW is much more than just a supplier of hydraulic products, we are your solution provider when it comes to maneuvering heavy objects in a safe and precise way. Working together with you to develop solutions for your heavy-load application or process while offering maximum safety & efficiency is our goal.



Innovation and Quality

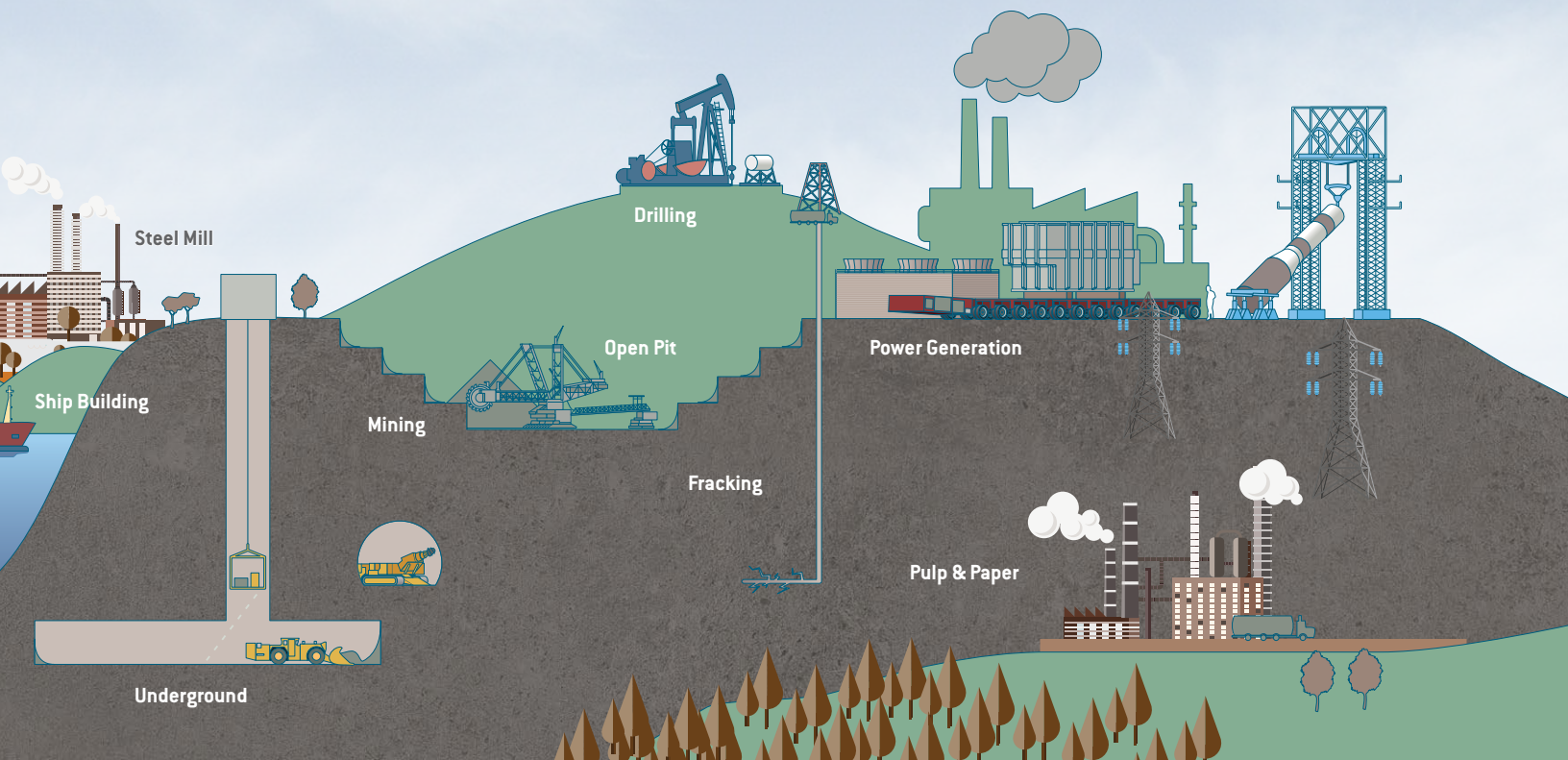
We are dedicated to furthering industry innovation, engineering, and manufacturing processes by utilizing advancements in material technology to offer our customers superior products. This resulted in the continuous development of product offerings while increasing safety, performance, and durability.

Our commitment to quality is evident in everything we do, from raw material receipt to how we support our customers years after they purchase our

products. Our products are built tough with strict ISO 9001 governed manufacturing processes and are covered by an industry leading warranty. Our goal is to provide our customers the best products and support, that's our guarantee to you.

Global Distribution and Service

Our network of distributors and service centers offer world-class product support by having local products and parts available with service ready when you need it.



BRIDGE SOLUTIONS



Power Team® cylinders are perfect for bridge lifting, infrastructure, construction, and mining applications. Cylinder series are available in many sizes, strokes, or tonnages and can be offered with locking collars, in single or dual action, center holes, and constructed in lightweight Aluminum for easier transport to the job site.

*Tough products
for tough applications*

SPXFLOW

› Bolting Systems™

› Power Team®

Application

Form Traveler

Situation

Customer needed a repeatable system using high tonnage hydraulics and Dywidag rods to hold forms in place for a form traveler system.

Solution

Supplied:
PQ120
RH Series



PQ120



RH605

Application

Bridge Positioning

Situation

Customer needed a solution to lift a bridge and keep it square to avoid structural damage while it was positioned.

Solution

Supplied:
RD10013 (6x)
4 to position the
bridge
2 to push the
bridge



PG 1203/4S-CP



RD10013

Products ordered through our European distribution center are CE compliant

CONSTRUCTION SOLUTIONS



The Power Team® PE55 Series is a powerful multi-faceted pump line that excels at multiple applications. From heavy construction to concrete stressing, this pump series is designed for longevity. The PE55 Series can be ordered in single-acting and double-acting models, and configured with a variety of valve and reservoir options.

*Tough products
for tough applications*

SPXFLOW

› Bolting Systems™

› Power Team®

Application

Structural Beam
Fabrication

Situation

Customer required
a better method
to form structural
I-beams for
future soundproof
roadside barriers.

Solution

Supplied:
C5513C (2x)
PE172-50-220
9771 (2x)



C-Series



PE172-50-220

Application

Structural Lifting

Situation

Foundation issues
caused severe
damage to a
historical building.
Customer needed a
complete system to
level the structure
in a controlled and
precise manner.

Solution

Supplied:
RLS100S (6x)
P300 (6x)
Hoses



RLS1000



P159

Products ordered through our European
distribution center are CE compliant

TRANSPORTATION SOLUTIONS



Power Team® offers many tools to accomplish your seemingly impossible task. From the heavy-duty, pump/cylinder combination industrial jacks, designed specifically for railroad maintenance, to an assortment of mechanical, hydraulic and specialty pullers for the removal of stubborn gears or bearings. No huge job can be done without the help of Power Team® products.

*Tough products
for tough applications*

SPXFLOW

› Bolting Systems™

› Power Team®

Application

Railcar
Maintenance

Situation

Maintenance team
was seeking to im-
prove productivity
for rail car lifts

Solution

Supplied:
RJ100T37E
PE1204FR



Powerlift Jack Modules



PR3100S

Application

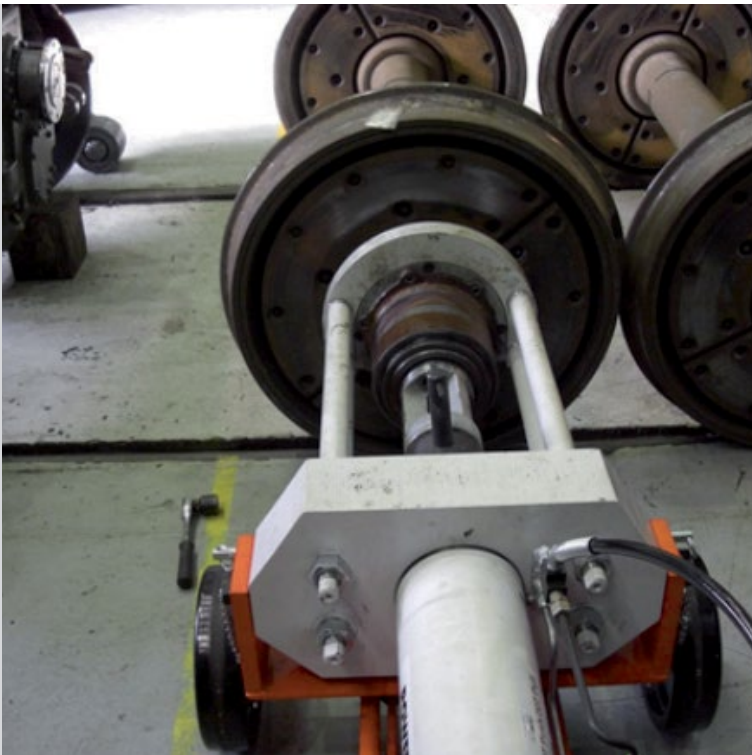
Railway
Maintenance

Situation

Maintenance team
needed a more
reliable way remove
bearings from
railcar axles.

Solution

Supplied:
PR3100J



PR2100J



RB10013S

Products ordered through our European
distribution center are CE compliant

TUNNELING SOLUTIONS



Power Team® has a reputation for industry leading hydraulic pumps and continues to offer solutions to fit customer needs. The Power Team® multi-point synchronized lifting and lowering motion control system (MCS) is used in many heavy-lift hydraulic applications where load position is critical. Whether it is a bridge, building or any kind of heavy load, the precision movement can be carried out automatically with a high degree of accuracy.

*Tough products
for tough applications*

SPXFLOW

› Bolting Systems™

› Power Team®

Application

Heavy Construction
Tunnel

Situation

A 600T tunnel boring machine needed to be lowered 3-5" (8-13cm) to complete a subway extension.

Solution

Supplied:
Motion Control System
RDG Series



MCS



RDG

Application

Heavy Construction
Tunnel

Situation

Contractors needed a simplified but uniform method to erect the shield machine to the lining segments while underground.

Solution

Motion Control System
2 x RH6010



RH605

Products ordered through our European distribution center are CE compliant

POWER GENERATION SOLUTIONS



Bolting Systems™ is the go-to source for the latest hydraulic torque and tensioning technologies. Bolting Systems offers a comprehensive range of bolting tools, torque wrench pumps, continuous-duty hydraulic pumps, nut splitters, flange spreaders, bolt tensioners and bolting systems; as well as all the maintenance, repair and calibration services needed to support them.

*Tough products
for tough applications*

SPXFLOW

› Bolting Systems™

› Power Team®

Application

Wind Farm

Situation

The construction company wanted an accurate and repeatable way of assembling meteorological masts in wind farms by hand.

Solution

Supplied:
TWHC series
PE55



PE55



TWLC

Application

Wind Tower
Maintenance

Situation

The customer needed a safe method to push the shaft from the bearing.

Solution

Supplied:
RD15013 (2x)
PE60




PE604PT



RD10013

Products ordered through our European distribution center are CE compliant

HEAVY LIFT AND BOLTING SOLUTIONS

PRODUCTS FOR HEAVY LIFT AND POSITIONING SOLUTIONS				
	Product	Key Type(s)	Key Function	Performance
Power Pumps & Motion Control Systems		Air Battery Electric Petrol	  Flow Pressure	Multiple point synchronous control and up to 120 in ³ /min (1.97l/min) @ 10,000 psi (700b)
Hydraulic Cylinders		Aluminum Center Hole Flat Jacks Locking Collar Low Height	    Lifting Lowering Spreading Stressing	Up to 1220T
Torque & Tensioning		Cutters Nut Splitters Tensioners Torque Wrenches Torque Wrench Pumps	    Turning Stressing Cutting Spreading	Torque up to 53,000 lb-ft (71,816 Nm) Splitting up to 25T
Jacks		Bottle Jacks Inflatable Jacks Rail Jacks Toe Jacks	  Lifting Lowering	Up to 300T
Pullers		Hydraulic Pullers Manual Pullers Rail Pullers	   Pulling Pressure Bending	Up to 200T
Specialty Tools		Cutters Maintenance Kits Post Tensioning Spreaders	   Bending Stressing Cutting	

Look to Power Team® and Bolting Systems™ to provide a variety of bolting, heavy lift and positioning products focused on solutions for construction, mining, and power generation applications.

Whether it is a bridge, a building, heavy machinery or any other large load, the challenge is always the same when maneuvering heavy objects: loads can shift, the center of gravity is often unknown, uneven load distribution while bending & torsion stresses are not acceptable. Only through accurate incremental movements and a continuous control of displacement & forces can this challenge be met.

We are your partner in bolting, heavy lift and positioning solutions, enabling you to complete your project safely, in less time and on budget.



CUSTOMER SERVICE CENTERS

North America
5885 11th Street
Rockford, IL 61109
USA

Europe
Albert Thijsstraat 12
6471 WX Eygelshoven
The Netherlands

Asia
26 Soon Lee Road
Singapore 628086
Singapore

China
No. 1568 Hua Shan Road
Treasury Building, 7th Floor
Shanghai 200052, China

Customer Service/Order Entry
Tel: +1 800 541 1418
Fax: +1 800 288 7031
info@powerteam.com

Customer Service/Order Entry
Tel: +31 45 567 8877
infoeurope@powerteam.com

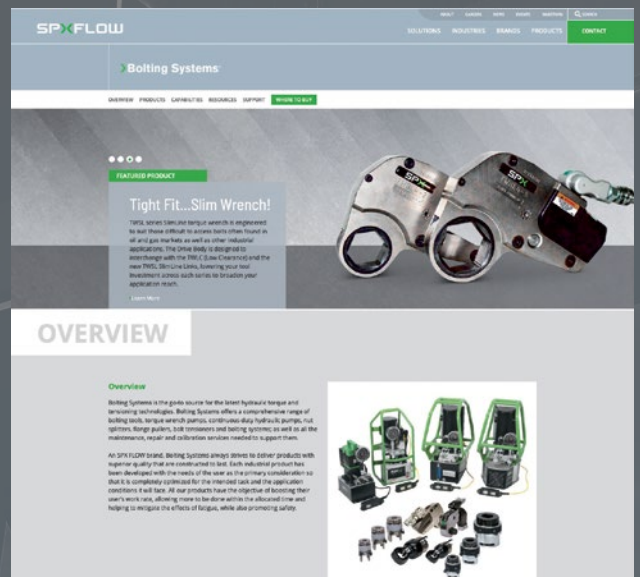
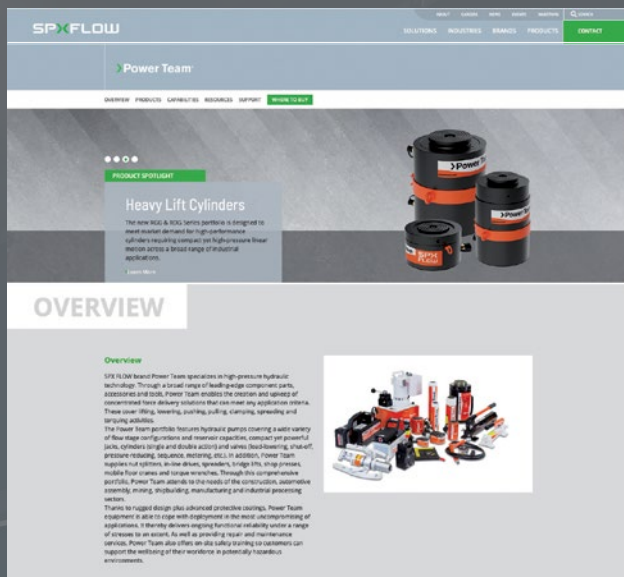
Customer Service/Order Entry
Tel: +65 6265 3343
Fax: +65 6265 6646
infoasia@powerteam.com

Customer Service/Order Entry
Tel: +86 21 2208 5888
Fax: +86 21 2208 5682
infochina@powerteam.com

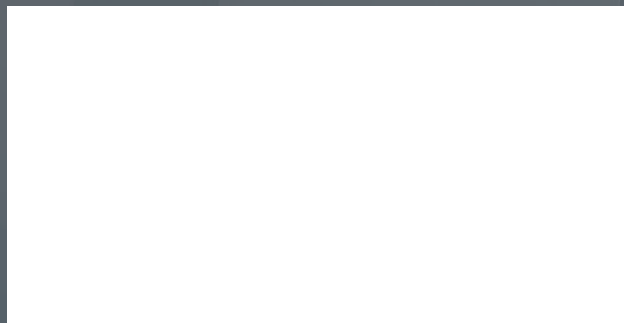
Technical Services
Tel: +1 800 477 8326
Fax: +1 800 765 8326

Visit us at
www.spxflow.com/power-team

www.spxflow.com/bolting-systems



Distributed by:



SPXFLOW®

➤ **Bolting Systems™**

➤ **Power Team®**