



TENSIONING & SKIDDING EQUIPMENT

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Overview

TSC offers a full range of options across the full scope of equipment. TSC will work in partnership with the client to establish the best technical and commercial solution to meet customer requirements. Whether TSC offers a new build, upgrade, refurbishment or spares package, TSC will apply the same degree of expertise, commitment and attention to detail.

New Build

TSC provides bespoke design and manufacture of the full range of TSC Mechanical Handling equipment to meet the exacting standards of today's oil and gas industry. The design, manufacture, testing and delivery of all TSC equipment is professionally managed by a dedicated team of Project Managers and Engineers who will work in conjunction with the supply chain to ensure that all deliverables are met or exceeded.

Upgrade

Should any of your TSC equipment need to be upgraded to give greater capacity or improved performance, TSC will evaluate the situation and propose a programme to meet the timescales required and minimise downtime. TSC will support this work with a full package of documentation, certification and manuals to reflect the new, improved profile of the equipment.

Refurbishment

TSC recognises that equipment used in this harsh environment needs to be regularly checked and/or refurbished. TSC offers a full surveying service to investigate the condition of all areas of your TSC equipment and recommend an efficient course of action to replace any worn or damaged parts. This can include NDT examinations to establish the condition of critical load-bearing components.

Spares

TSC will supply spares on a supply only basis if the part can be easily replaced by the rig personnel. TSC has built extremely strong relationships with our supply chain to ensure rapid supply and reliable service.



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Conductor Tensioning Unit (CTU)

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The TSC Conductor Tensioning Unit is a push-type system that maintains the tension in the conductor during operation. TSC design and supply a lower capacity 'Mini CTU' Unit with a capacity up to 200Te which may be mounted on the Texas Deck or alternatively the TSC 'Standard CTU' Unit which has a capacity up to 300Te and is mounted on a dedicated TSC Conductor Tensioning Platform.

Whether the client requires the Mini or Standard CTU System, TSC can design and supply the Accumulator Pack to suit the specific requirements.

The TSC Conductor Tensioning Platform (CTP) can be skidded to port or starboard to suit multiple slots and can be supplied with the TSC Sliding Panel system which fully encloses the Platform. The TSC CTU System can be operated independently or can be integrated with the TSC STU System to give a complete tensioning solution.

Key Features

- Mini CTU Tensioner Stroke +/-6";
- Mini CTU System supplied with interchangeable inserts to suit Tubulars up to 36" diameter;
- Standard CTU Tensioner Stroke +/-12";
- Robust, reliable design for optimum performance, quality and safety;
- Hazardous area electrical controls as standard;
- Dedicated Lifting Tool available;
- The standard CTU can be supplied integrated with an STU, a CTP and Sliding Panels to give a complete tensioning System.



Secondary Tensioning Unit (STU)

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The STU is a pull type tensioner and is used to support the weight of the BOP, generally when smaller sizes conductors are in operation. The STU is installed above the BOP, between the underside of the Drill Floor and the BOP Annulus.

The STU can be operated independently or combined and integrated with a CTU into a complete tensioning system.

Key Features

- Robust design for enhanced performance, quality and safety;
- Compact unit with articulated or telescopic arm to suit Drill Floor layout and operator requirement;
- Control options available. Drillers Cabin, Drill Floor mounted Console, Radio Control or Local Control;
- Interlocked and integrated into Drilling System Zone Management;
- Standard safety features including load holding valves on cylinders.

Tubular Range

2-7/8" to 60"



Skidding Systems

Skidding Systems are used to move large structures around the rig or platform in a safe and efficient manner. There are three main types of Skidding System supplied by TSC:

- Cantilever Skidding
- Drill Floor Skidding (Lift and Roll)
- Module Skidding

The use of Skidding Systems allows the rig or platform to operate within a designated space envelope to develop a well pattern which is an efficient method for handling a multiple well program.

Key Features

- Robust design for enhanced performance, quality and safety;
- Capacity and skidding speed to suit client requirement;
- Hydraulic Supply from dedicated package HPU or rig supply;
- Control options available. Deck mounted Control Console.



North America

TSC Corporation

12550 N. Houston Rosslyn Rd. Houston, TX 77086
T +1 832 448 6100
F +1 832 448 6101
E sales.usa@t-s-c.com

TSC Manufacturing & Supply, LLC

13788 West Rd., Suite #100
Houston, TX 77041
T +1 832 456 3974
F +1 832 456 3901
E sales.mro@t-s-c.com

TSC Manufacturing and Supply

de Mexico, S.A. De C.V.
Carretera Carmen – Puerto Real, Km 14.5
Ciudad del Carmen, Campeche 24157, Mexico
T +52 938 131 4676
E sales.mexico@t-s-c.com

TSC Manufacturing and Service, Ltd.

E sales.canada@t-s-c.com

South America

TSC Offshore Ltda (Macae)

Rua K1 Quadra W Lotes 26 e 27, Novo
Cavaleiro, Macae-RJ/Brazil
T +55 22 2123 8200
F +55 22 2123 8200
E sales.brazil@t-s-c.com

TSC Manufacturing and Supply de Colombia SAS

Carrera 14 No.89-48 Oficina 304 Edificio Novanta
Bogotá D.C. – Colombia
T +571 7432290
E ventas@t-s-c.com

TSC Representative Office

Av. 2A, No. 59-129 Edif
Maracaibo, Venezuela
T +58 0261 793 4111
F +58 0261 791 4848
E sales.venezuela@t-s-c.com

TSC Representative Office

Sector Chaparral, Calle Orinoco
Anaco, Venezuela
T +58 0282 424 1633
F +58 0282 422 1391
E sales.venezuela@t-s-c.com

Europe

TSC Engineering Ltd. (Shipley)

Units D & E Shipley Wharf, Wharf St,
Shipley, West Yorkshire, BD17 7DW, UK
T +44 (0) 1274 531862
F +44 (0) 1274 531716
E sales.europe@t-s-c.com

TSC Engineering Ltd. (Aberdeen)

Riverside House, Riverside Dr,
Aberdeen, Aberdeen City AB11 7LH, UK
T +44 (0) 1224 224153
E sales.europe@t-s-c.com

Ansell Jones Ltd.

Unit 101, Access 10 Bentley Road South
Darlaston WS10 8LQ, UK
T +44 (0) 1215 683420
E sales@anselljones.com

Asia Pacific

TSC Group Holdings Ltd.

Unit 910, China Merchants Tower, Shun
Tak Centre, 200 Connaught Road Central
Hong Kong
T +852 2857 3667
F +57 571 646 7451 +852 2857 3381
E tsc.group@t-s-c.com

TSC Offshore China, Ltd.

10/F, No. 1 Beichentaiyue Office Building
Jia-13 Beiyuan Road, Beijing, China
T +86 10 6447 9600
F +86 10 6447 9600
E sales.china@t-s-c.com

Alliance Offshore Drilling (AOD)

48 Toh Guan Road East, #02-144
Enterprise Hub, Singapore, 608586
T +65 6763 0328
F +65 6763 3280
E enquiry@aodpl.com

TSC Group Pte Ltd.

48 Toh Guan Road East, #02-144
Enterprise Hub, Singapore, 608586
T +65 6763 0328
F +65 6763 3280
E sales.singapore@t-s-c.com

PT TSC Offshore Indonesia

P + 62 813 10 999 539
E sales.indonesia@t-s-c.com

Russia, Central Asia

TSC Industrial Group, LLC

Office 301A, Pollars BC, 11 Derbenevskaya Nab.,
Moscow, 115114, Russian Federation
T +7 495 662 9466
F +7 495 662 9466
E sales.russia@t-s-c.com

Middle East, Africa

TSC Middle East DMCC

Office 1108, JBC2 Tower,
Jumeirah Lake Towers Cluster V,
P.O Box 211933, Dubai, United Arab Emirates
T +971 4 5521505
F +971 4 5521504
E sales.mideast@t-s-c.com

Hoisting Equipment

Drill Floor Equipment

Tubular & Riser Handling Equipment

Deck Crane

Tensioning & Skidding Equipment

BOP & Subsea Handling Equipment

Pumps

Mud System

Well Control System Equipment

Jacking Systems

Lifting, Mooring & Winch Packages

Land Rig Solutions

