

Refinery

www.hydratight.com/en/industries

Bolting



BOLTScope II Bolt Load Monitoring
Accurately measures and records bolt strain or load - easy to operate, but highly accurate.



HL Tensioner
Provides a simple, safe, accurate and time saving method for tightening bolts and studs; maximising economy and versatility by utilising common hydraulic heads with interchangeable bridges, sockets and pullers.



HydraMax Topside Tensioner
With its compact fit and high load generation, plus the flexibility to work with all standard flanges, this tool can be used in almost every industry or application.



RSL Torque Wrench Series
Lightweight hydraulic torque wrenches designed to tighten and loosen nuts and bolts for professional applications across industries.



Stud Elongation Measurement System III (SEMS III)
A compact stud elongation measurement system which measures via a dedicated pod design to mate with site's reactor pressure vessel (RPV) stud, the measuring rod and the digital depth micrometer, to provide the readings.



Vacuum Retract Tensioner
A vacuum piston retract mechanism which has made tensioning operations quicker, saving up to 30% in time and energy when compared to conventional tensioning systems.

Machining



314 Beveller
Created for quick set-up and weld end preparations on pipe and tube diameters from 3" to 14" OD. It is used for a variety of applications, in numerous industries.



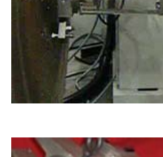
BOREMaster
The world's most advanced technology for on-site boring capability, incorporating leading engineering and cutting edge features for safe, reliable and accurate cutting.



BU Facer
An entire range of inexpensive large diameter machines for re-facing flanges and tube sheets.



GeniSYS Portable Milling Machine
Allows quick and easy set-up for the consistent and efficient repair of large bore threads and other in-situ milling projects - no complex CNC programming required with preloaded thread milling and boring programmes that can easily change bore diameters, depths and applications.



GTB2 End-Prep Machine
Delivers exacting surface finishes on pipe end-preps, valves, flanges, fittings and more.



Hand Hole Grinder
Combines speed and ease of set-up to provide a high performance portable grinding tool for repairing existing worn, abraded and leaking hand hole surfaces.



Mini-Mill
The lightweight, economical and highly portable Mini-Mill is ideal for on-site machining small areas accurately.



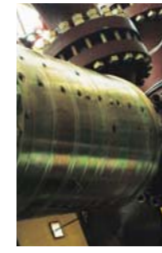
Pipe Cutting and Bevelling Clamshells
These patented tools are capable of severing, bevelling, facing, boring and OD turning on all types of material and wall thickness.



QuickFace Flange Facer
This ultra-portable hand powered tool makes even the hardest to reach pipe flanges accessible in a safe and convenient way.



Connector

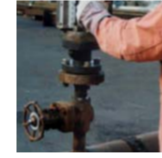


Morgrip Topside/Subsea Pipe Connectors
Mechanical pipe connectors used to replace the need for welding pipes. Available in a variety of formats used for temporary and permanent tie-ins and the repair of critical topside or subsea pipework.

Services



Heat Treating
Portable equipment that delivers accurate and affordable on-site resistance heat treatment and induction heat treatment services.



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Ancillaries



Flange Puller
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Bolting lubricants or thread compounds perform one very important function; controlling friction.



Nutsplitter
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Power Consoles



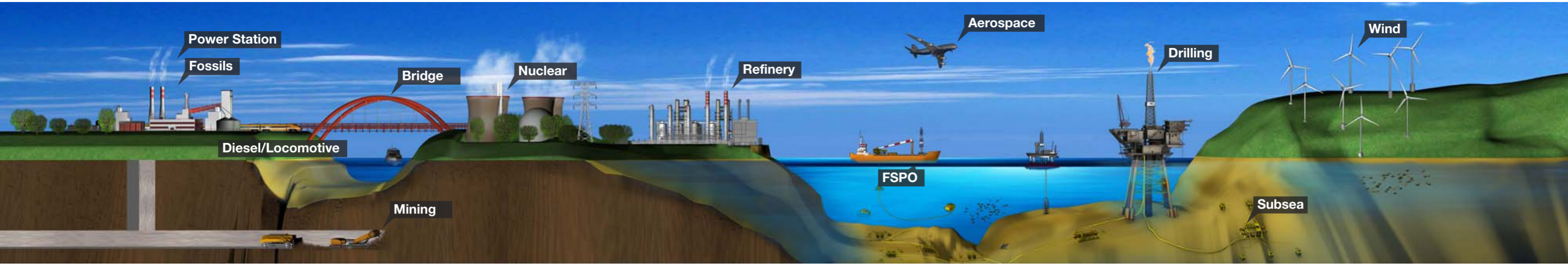
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Bridge

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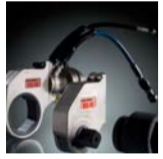
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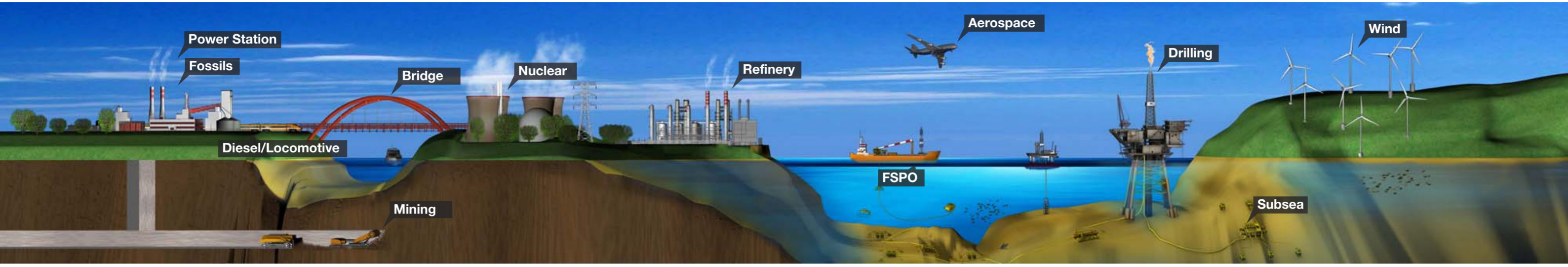
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Diesel/Locomotive

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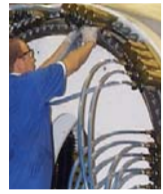
Nuclear

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Bolting



Biach Self Contained Tensioner (SCT)
Allows multiple tools to be used simultaneously on the pressure vessel head; providing greater safety, reducing manpower and shortening downtime.



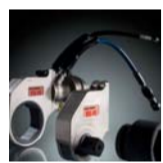
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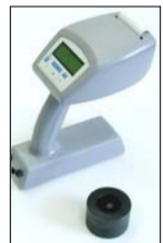
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Electric Stud Drive Tool (ESDT)
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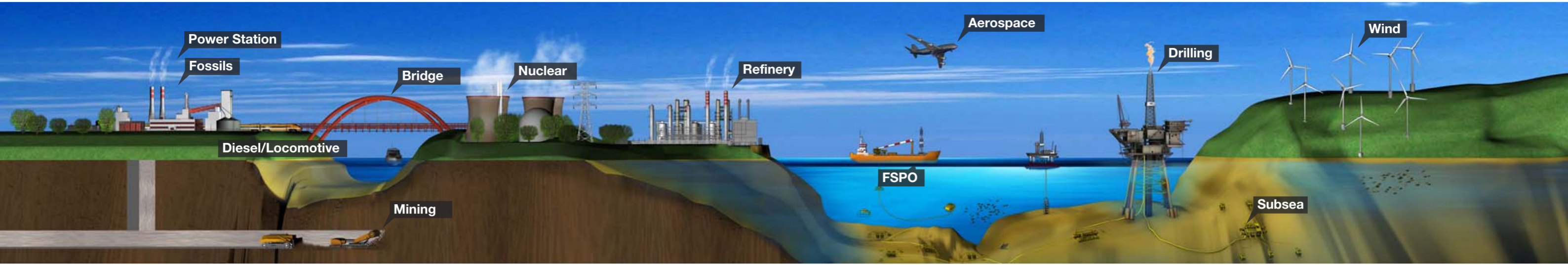
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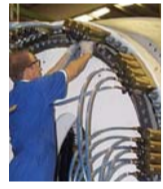
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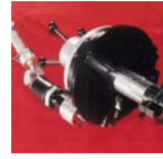


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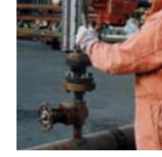


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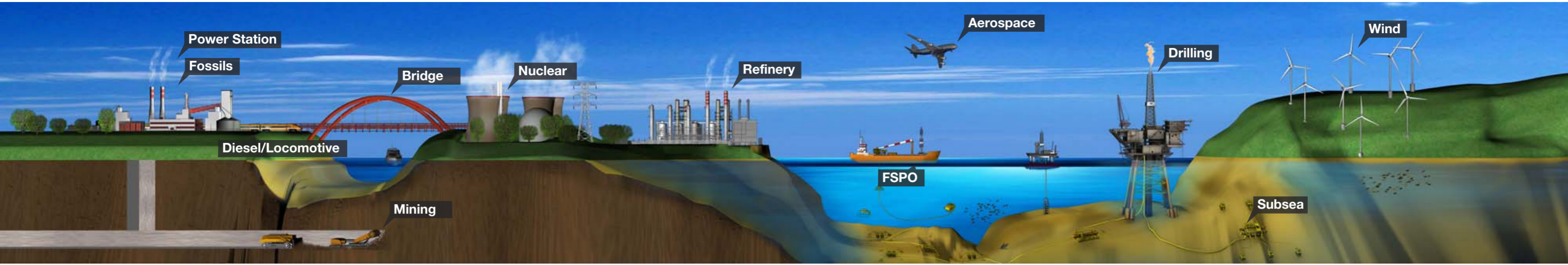
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Subsea

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Bolting



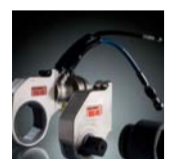
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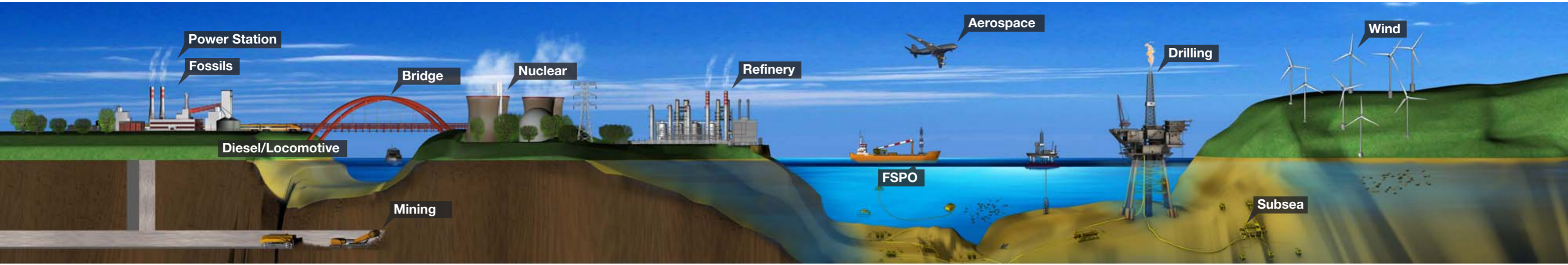
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Wind


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Bolting

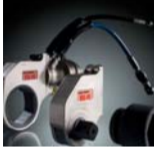
- 


Base Bolt Tensioner
Designed specifically for foundation bolting in the wind industry, this tool fits all makes and does not require thread engagement.
- 

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Rock Anchor Tensioner
Specially designed for work on smaller concrete wind turbine bases.
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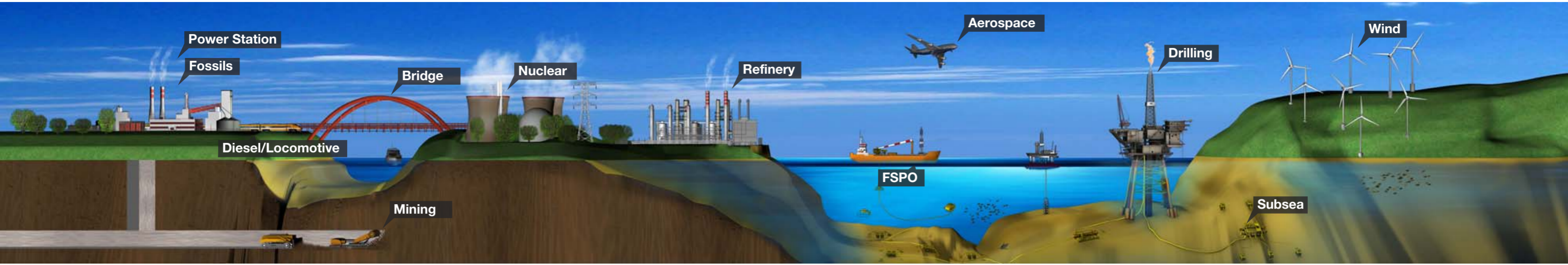
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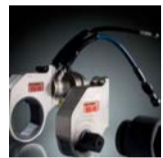
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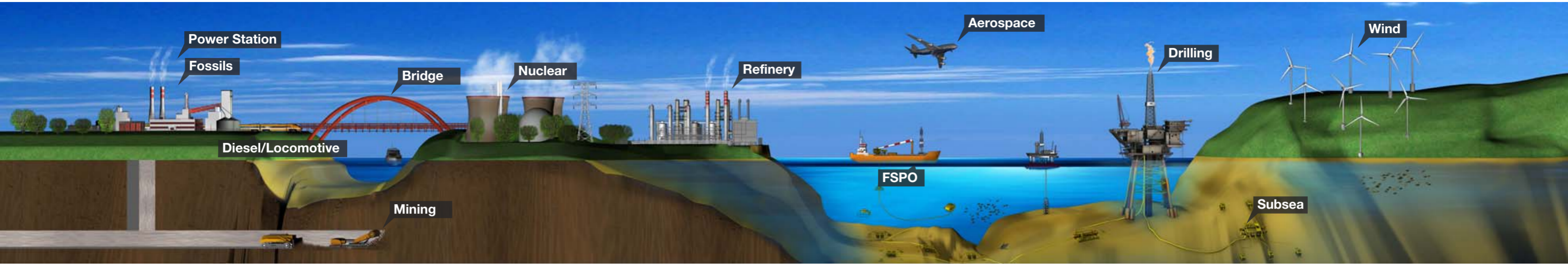
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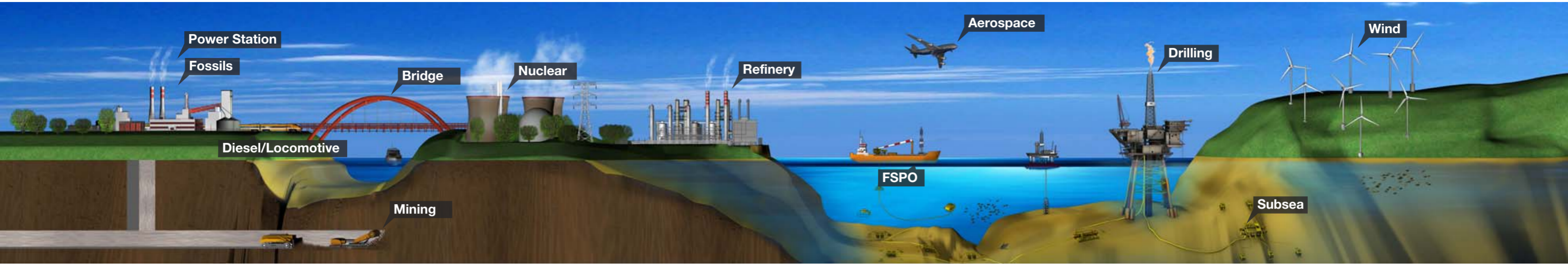


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Provides a simple, safe, accurate and time saving method for tightening bolts and studs; maximising economy and versatility by utilising common hydraulic heads with interchangeable bridges, sockets and pullers.



RSL Torque Wrench Series
Lightweight hydraulic torque wrenches designed to tighten and loosen nuts and bolts for professional applications across industries.

Machining



BOREMaster
The world's most advanced technology for on-site boring capability, incorporating leading engineering and cutting edge features for safe, reliable and accurate cutting.



BU Facer
An entire range of inexpensive large diameter machines for re-facing flanges and tube sheets.



GTB2 End-Prep Machine
Delivers exacting surface finishes on pipe end-preps, valves, flanges, fittings and more.



Hand Hole Grinder
Combines speed and ease of set-up to provide a high performance portable grinding tool for repairing existing worn, abraded and leaking hand hole surfaces.



Pipe Cutting and Bevelling Clamshells
These patented tools are capable of severing, bevelling, facing, boring and OD turning on all types of material and wall thickness.



QuickFace Flange Facer
This ultra-portable hand powered tool makes even the hardest to reach pipe flanges accessible in a safe and convenient way.

Connector



Morgrip Topside/Subsea Pipe Connectors
Mechanical pipe connectors used to replace the need for welding pipes. Available in a variety of formats used for temporary and permanent tie-ins and the repair of critical topside or subsea pipework.

Ancillaries



Flange Puller
A compact device used to align or pull together flanges prior to the application of bolts and gaskets.



Flange Spreader
Utilises a high load compact hydraulic cylinder together with a unique design wedge and retaining mechanism to smoothly and evenly force open the flanged joint.



Lubricant Solutions
Bolting lubricants or thread compounds perform one very important function; controlling friction.



Nutsplitter
A fast, sure and safe method to remove corroded or seized nuts without the need for hot cutting, chiselling or grinding.

Power Consoles



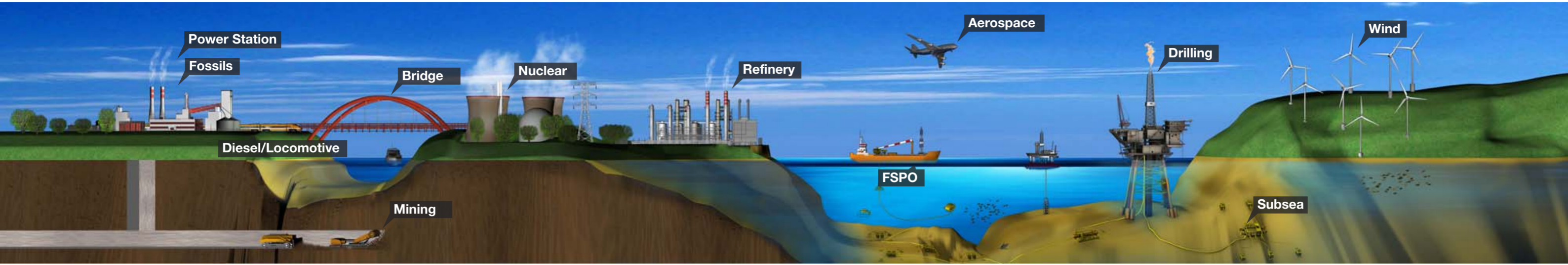
Hydraulic Tensioner Pump
A safe, low maintenance, durable pump which meets the requirements of all on-site bolt tensioning operational needs.



PowaPak Air Torque Power Console
A high pressure air powered hydraulic torque wrench pump, designed specifically for bolting applications.



PowaPak Electric Torque Power Console
A high pressure electric torque wrench pump with backlit LCD display and microprocessor control, combining performance with long life and low maintenance.



Drilling (Oil Rig)

www.hydratight.com/en/oil-gas

Bolting



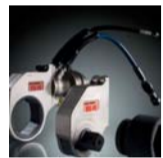
BOLTScope II Bolt Load Monitoring
Accurately measures and records bolt strain or load - easy to operate, but highly accurate.



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HydraMax Topside Tensioner
With its compact fit and high load generation, plus the flexibility to work with all standard flanges, this tool can be used in almost every industry or application.



RSL Torque Wrench Series
Lightweight hydraulic torque wrenches designed to tighten and loosen nuts and bolts for professional applications across industries.



Vacuum Retract Tensioner
A vacuum piston retract mechanism which has made tensioning operations quicker, saving up to 30% in time and energy when compared to conventional tensioning systems.

Machining



314 Beveller
Created for quick set-up and weld end preparations on pipe and tube diameters from 3" to 14" OD. It is used for a variety of applications, in numerous industries.



GeniSYS Portable Milling Machine
Allows quick and easy set-up for the consistent and efficient repair of large bore threads and other in-situ milling projects - no complex CNC programming required with preloaded thread milling and boring programmes that can easily change bore diameters, depths and applications.



GTB2 End-Prep Machine
Delivers exacting surface finishes on pipe end-preps, valves, flanges, fittings and more.



Hand Hole Grinder
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Keyway Cutter
This small portable milling machine uses a rotary tool to cut new keyways, or re-cut worn keyways in-situ.



Mini-Mill
The lightweight, economical and highly portable Mini-Mill is ideal for on-site machining small areas accurately.

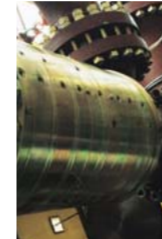


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Services



Heat Treating
Portable equipment that delivers accurate and affordable on-site resistance heat treatment and induction heat treatment services.



Hot Tapping and Line Plugging
Hot and cold tapping service allows plant and pipeline modifications without the need to decommission, thus reducing plant downtime.



Portable Milling
Our on-site services include on-site milling for rugged on-site machining applications including milling, drilling and boring, on jobs previously thought to be impossible without extensive disassembly.

Ancillaries



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Power Consoles



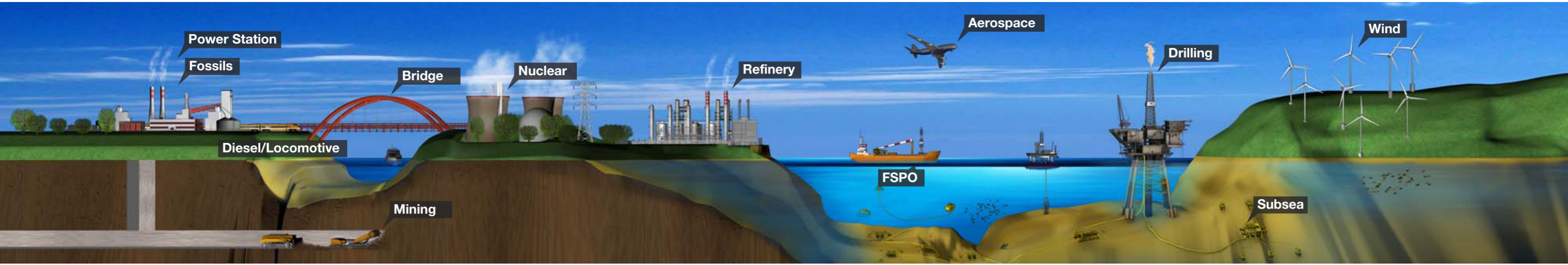
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Fossil


www.hydratight.com/en/industries

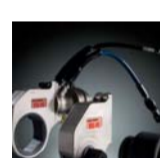
Bolting


- 


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HydraMax Topside Tensioner
With its compact fit and high load generation, plus the flexibility to work with all standard flanges, this tool can be used in almost every industry or application.
- 

Micro Tensioner
Designed to maximise clamping forces on a wide variety of power generation applications including gas, wind and steam turbines, the tool has been designed for use with hexagon nuts and washers.
- 

RSL Torque Wrench Series
Lightweight hydraulic torque wrenches designed to tighten and loosen nuts and bolts for professional applications across industries.
- 


Slimline Tensioner
A custom designed bolt tensioner designed to fit in a restricted place, used to reduce outage time on critical jointing within power generation applications.
- 


Stud Elongation Measurement System III (SEMS III)
A compact stud elongation measurement system which measures via a dedicated pod design to mate with site's reactor pressure vessel (RPV) stud, the measuring rod and the digital depth micrometer, to provide the readings
- 


Torque Multiplier
Enables small amounts of input torque to produce large amounts of output torque, efficiently and safely.
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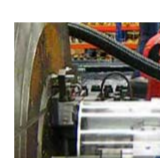
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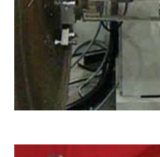
Machining


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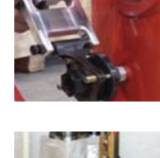
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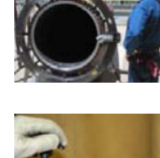
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QuickFace Flange Facer
This ultra-portable hand powered tool makes even the hardest to reach pipe flanges accessible in a safe and convenient way.
- 

Tire Grinder
Designed to regrind tires, trunnions and rollers on kilns and large vessels. Can also resurface any size tire or roller, floating or fixed, while the rotary equipment is running.

Services

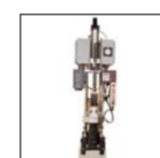
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- 

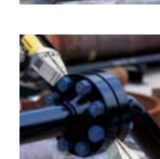
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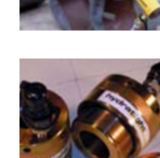
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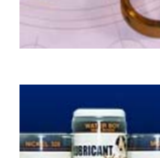
Ancillaries


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Electric Stud Drive Tool (ESDT)
Provides exact stud positioning during thread-in to assure consistent stud projections around reactor pressure vessels and to prevent binding due to hitting the bottom of the stud hole.
- 

Flange Puller
A compact device used to align or pull together flanges prior to the application of bolts and gaskets.
- 


Flange Spreader
Utilises a high load compact hydraulic cylinder together with a unique design wedge and retaining mechanism to smoothly and evenly force open the flanged joint.
- 


Hydraulic Nut
A permanent replacement for the conventional nut that can be retrofitted to existing joints and provides a simple and accurate solution to mechanical jointing problems.
- 

Lubricant Solutions
Bolting lubricants or thread compounds perform one very important function; controlling friction.
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