TUBE TURNS HAS SERVED THE PIPELINE, ENERGY AND PETROCHEMICAL INDUSTRIES SINCE 1927

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Tube Turns Division of Sypris
Technologies Inc. manufactures a
family of closures in sizes ranging from
2" to 72". Our closures are manufactured from
a wide variety of ASME approved materials such as
Carbon Steel, Stainless Steel in types 304, 304L, 316,
316L, Monel, Nickel, Hastelloy and other materials
specified by our customers. These closures can be
designed for either horizontal or vertical application and
can be equipped with such accessories as sight glasses,
nozzles, drains, gauges and sampling ports. Tube Turns
designs and manufactures their complete line of closures in
accordance with ASME Section VIII Division I.

All closures can be supplied with "U" stamp.



Tool-less® Closures are high pressure closures available for horizontal and vertical applications in sizes ranging from 8" to 72" in ANSI class 150-1500. They are designed expressly to meet applications where customers specify closure that must be opened

or closed by one person in less than one minute without the use of any additional tools. Tool-less® closures are suitable for use on natural gas filter separators where filter elements replacement require frequent vessel access. Horizontal Tool-less® closures include double-pivot heavy duty hinge while the vertical closures can be furnished with robust davit to raise the door once unlocked.





T-Bolt Closures are designed for nominal pressure applications.
T-Bolt closures are available for horizontal and vertical applications in sizes 6" - 66" for pressures up to 300 psi.

Safety plus operating advantages over flanged manways make our T-Bolt Closures ideal for applications such as storage tanks, mixing equipment, filters, separators, inspection ports and other access openings on towers and reactors, and hand holes on processing equipment and medical or laboratory apparatus, such as hyperbaric chambers.

Threaded Closures are available for horizontal and vertical applications in sizes 2" – 24" in ANSI class 150 – 900. The 26" – 36" threaded closures are available in ANSI class 150 – 600. Design is simple yet robust. Heavy duty davit assembly is furnished for effective alignment of head and hub. Components are manufactured utilizing precision CNC machining to provide accurate and consistent dimensions. Threaded closures are suitable for scraper traps, filter separators as well as other filtration applications. Threaded closures are economically priced with attractive lead time to meet the most demanding customer requirements.



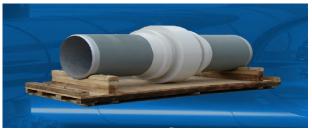


Yoke Closures are available in 2" - 72" in ANSI class 150-2500. Tube Turns Double and Single Yoke Style Closures are widely accepted throughout the world for applications where frequent access is required or where the blind flanges are cumbersome and time consuming. Yoke Style Closures can be equipped with operating aids to simplify the opening and closing tasks. Devices such as breakover wrenches and chain and sprocket drives are available













Monolithic Insulated Joints were created by engineers with years of experience in developing new and better products specifically for pipeline applications. Strength, ruggedness, and reliability of these products provide

a high confidence level for the pipeline designer and operating engineer.

Efficient, economical application of cathodic protection to underground piping requires close, continuous control of applied and extraneous electrical currents. This in turn calls for isolation of specific structures so as to avoid failure of protection due to stray currents or interference from other pipelines and power transmission cables. More and more pipeline corrosion engineers are finding that Tube Turns Monolithic Insulated Joints provide a very effective means of electrically isolating sections of underground piping.

These joints are manufactured in sizes 4" thru 48" and classes 150 thru 900, and each is hydrostatically and electrically tested prior to shipment. For optimum effectiveness and economy in protection of all pipeline installations, specify Tube Turns Insulated Joints.



Anchor Forgings are designed to immobilize high pressure pipelines and meet the exacting demands of the pipeline industry. Each is designed to meet the criteria of today's engineer.



FOR MORE INFORMATION ABOUT TUBE TURNS' ENGINEERED PRODUCTS REQUEST OUR CATALOG TODAY!!