



Tube Turns® Automated Double Bolt Closure



Electric Operated Closures

Supplied with electric motors and gear boxes to drive the Yoke Bolts to operate the Yokes, and/or to operate the closure Head. Electric circuits are wired to a central junction box and a push button control panel is included. All appropriate drawings and diagrams can be provided for on-site wiring between the junction box and customer's control panel to complete installation.

Pneumatic Operated Closures

Supplied with air driven motors, we can supply gear boxes to drive the Yoke Bolts through a joint chain drive to open and close the Yokes, and/or to open and operate the closure Head. Air pressure from 60 PSI to 90 PSI is used for the operation of the unit through a control panel provided with lever activated control valves.



Hydraulic Operated Closures

Supplied with Hydraulic Motors used for driving the Yoke Bolts to operate the Yokes, and/or to operate the closure head. A hydraulic pump system with electric controls can also be provided with the unit.

With flexibility of design, we can develop and manufacture a closure and automated solution to meet your needs. Located in industries across the world, Tube Turns Automated Yoke Closures are used in applications beyond the Oil and Gas Industry, including but not limited to: batch processes in chemical/petrochemical plants, paper mills, sanitation, and food processes (especially applications for the extraction of oils, flavors, and other additives). Tube Turns Automated Closures are also ideal for use in Critical CO2 applications. Advantages include:

SAFETY – Automation provides a tight seal which prevents leakage, and each type is furnished with safety systems: Electric & Hydraulic Operation with pressure switches and electrical relays. Pneumatic Operation with a pressure switch and a solenoid valve. Automation also allows operation at a safe distance.

SPEED - Depending on the size, it can be opened or closed in less than a minute.

EASE OF USE - A single operator with the push of a single button, switch, or lever. Automation performs all the work.

LOW MAINTENANCE – Requires little or no maintenance aside from occasional inspection/replacement of O-ring and periodic inspection of the Yoke Bolts and Nuts.

Sypris Tube Turns has supplied automated solutions for Double Bolt Closures for many decades, including numerous projects across North America and the rest of the globe. Closure sizes ranging from 8” NP to 54” NP and ANSI Classes from CL150 to CL2500. Contact us today with your requirements to see what we can do for you!

Please see our Hinged Closure Brochure for more information on Tube Turns® Double Bolt “Yoke” Style Closures.

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