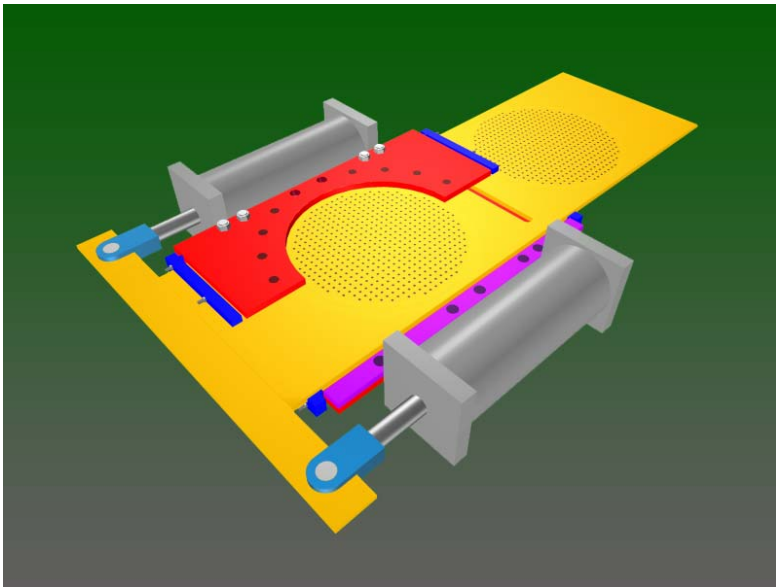




Tuesday, September 20, 2016

Stargate O-Port-Valve® Big Screen™

The Automatic Screen



Stopping production, taking flanges loose, and dropping pipes simply to replace a screen is a time consuming task that cuts into equipment availability. Big Screen™ will reduce/eliminate the down time for maintenance purposes.

The advantages of Big Screen™

- Big Screen™ replaces screens without stopping production, reducing/eliminating downtime.
- The actuator moves the screens, bringing the one that is to be exchanged outside the body and at the same time the clean one into the flow area.
- While the one screen is outside the body it can be cleaned and prepared for the next exchange while production continues.
- Cut rings shear the protruding matter from the screen surface, protecting the seats and ensuring a tight seal.
- Typically supplied with pneumatic operator. Also available with hydraulic, electric, or manual operators.

Applications:

- Vent on a steaming vessel for turpentine recovery. Rather than replacing screens at every outage, the valve is actuated at an appropriate interval to allow access for the operators to clean the screen. All of this is done with the process running continuously.
- Back up screen behind the rotary screen for the recovery boiler, reducing possible plugging of the heat exchangers and burners.
- Mill water intake. Screen will prevent larger objects (branches, rocks, and debris) from entering the supply line.

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