



# Enhance Shell and Tube Heat Exchanger Performance with SPINTUBE™ Bundles



## Reduce your CO2 footprint

Lower emissions and enhance the performance of TEMA-type shell and tube heat exchangers by upgrading to more efficient SPINTUBE™ replacement bundle.

SPINTUBE™ is an advanced heat-transfer technology engineered to improve the performance of S&T HEx, vs conventional plain-tube bundles, which provides increased thermal efficiency and throughput.

## Features and benefits

Whether applied to new installation or debottlenecking project, SPINTUBE™ bundles implementation increases throughput by up to 40% vs conventional S&T HEx.s while allowing same methods for inspection and cleaning.

- **Thermal and Hydraulic performance improvements**
- **Custom-engineered design**
- **Minimized project scope and installation impact**
- **Elimination of flow-induced tube vibrations**



## Why choose a SPINTUBE bundle?



Enhanced exchanger performance – SPINTUBE™ increases heat transfer area, duty and thermal efficiency; reduces pressure drop, mitigates fouling and eliminates flow-induced vibrations.



Seamless Retrofit Capability - SPINTUBE™ bundle can replace conventional bundles, fitting into the existing S&T HEx.s without plant lay-out modification, maintaining equipment footprints.



Environmental and Operational Benefits - SPINTUBE™ bundle installations also help lower fuel consumption, which reduces overall plant CO2 emissions and supports sustainability objectives.



For more information get in touch with our team:

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