

NAUTILUS TFM

Top Flange Mounted non corrodible heat exchanger

A Nautilus heat exchanger designed for use in offline tanks typically found in large pickling applications such as steel strip production.

The unit is supplied with the Teflon element suspended beneath a top plate and sturdy frame to withstand the arduous conditions found in these applications. It is designed typically for use with saturated steam but could also be used with hot water systems or thermal fluid. Like all Nautilus heat exchangers it can be used for cooling with a suitable chilled water supply.

Easy to remove for maintenance or replacement, without disruption to the process.



Used By

- Steel Strip Manufacturers
- Wire & Tube Manufacturers
- Metal Finishers
- Chemical Plants
- Galvanising Industry
- Aerospace Industry
- Chemical Millers
- Glass Producers

Main Features

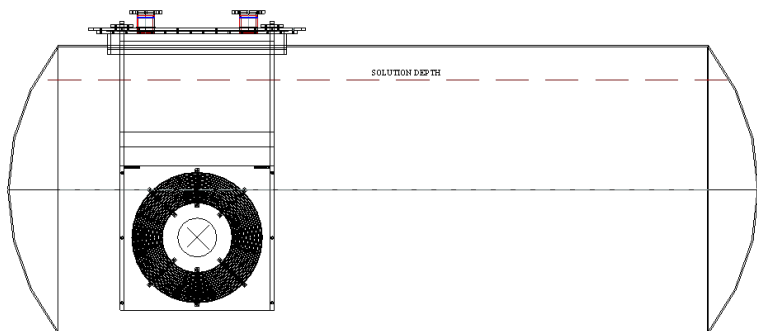
- Top flange mounted Nautilus heat exchanger, designed for offline tanks.
- Easy to install and remove for maintenance
- PP frame suitable for Hydrochloric, HF/ Sulphuric and Nitric Mixes.
- Standard Top Plate with hangers to suit your application.
- Heat output up to 400kW

BRAUDE Products will not corrode

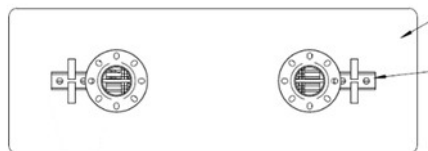
Nautilus TFM (Top Flanged Mounted)

Technical Data

Heating Element:	Teflon (Grade dependent on application)
Frame:	Heat stabilised PP (suitable up to 80°C) CPVC or PVDF available)
Heating Medium:	Saturated steam 3.4Bar, 148 °C Hot water 3 Bar 100 °C Thermal fluid @ 200°
Top Plate:	1200mm x 500mm standard.
Frame and Hangers	Sized to suit your application for tanks up to 3m deep



Heat Exchanger in Situ in Tank



Top Plate

TYPICAL APPLICATIONS

Storage and holding tanks.

Offline recirculation tanks for acid pickling and other corrosive process.

Chemical process tanks.



Heat Exchanger in Situ



Strip pickling line

THERMAL PROCESS EQUIPMENT SPECIALISTS IN CORROSIVE APPLICATIONS

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