

An external electric heating system fitted with Polaris electric elements which can utilise an existing recirculation and control system or be supplied complete with pumps and temperature control.

The small footprint and compact design allows positioning alongside the process tank without occupying valuable space or intruding into work areas.



Corrosion Resistant Heat Exchangers

Nautilus Tank Heater

Example of Applications

- Acid Pickling in Steel Industry
- Pickling and Flux in Galvanising pre Treatment
- Chemical Milling
- Electroplating
- Chemical Plant Processes and Storage



Nautilus technical data:

Material	Teflon element with PP/PVDF/CPVC frame
Connections	1°-4° BSTD / 32mm - 110mm PN10 Universal flanges Risers normally 1m but different lengths available to order
Additional	Heating Medium: Saturated steam to 3-4 Bar, 148 deg C Hot water to 3 Bar 115 deg C Thermal fluid to 200 deg C Cooling medium: Chilled water to -15 deg C 6.0 Bar

Surface Area	Model	Nominal Size (mm)		
		Height	Width	Thickness
M ²				
0.5-3.0	300	480	480	49-148
1.0-10.0	600	750	820	65-314
2.0-20.0	900	1065	1000	65-322

Benefits

- Reduce process downtime improving efficiency
- Suitable for heating or cooling
- Flexible easy fit connections
- Large output range
- Simple to install and easy to maintain
- Will not corrode in aggressive acids or chemical solutions