

THE NOVUSBLOC™ WELDED PLATE HEAT EXCHANGER

For increased durability and
energy efficiency!



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Sweden, Stockholm. 4 June 2020. Available for global energy intensive markets the NovusBloc™ welded plate heat exchanger encompasses a Tranter premium design concept offering a boost in heat exchange performance and durability for these processes in comparison to substitutable products.

With a patented novel plate design the NovusBloc provides state of the art

weld quality and enhanced resistance against cyclic pressure and temperature process conditions while also minimizing unnecessary additional pressure loss. Moreover, the design has an innovative design of the wetted linings that protect non-wetted components from the process fluid which enhances the mechanical durability as the design enables mechanical stress reduction and uniform stress contours in the weld seams.

The product belongs to the category of all-welded plate heat exchanger and thus has no gaskets for fluid separation which eliminates fluid compatibility issues for aggressive fluids. The NovusBloc is able to withstand tough operating conditions in both single-phase and two-phase flow applications with performance verified by R&D through heat transfer, plus both pressure- and temperature fatigue qualification testing.

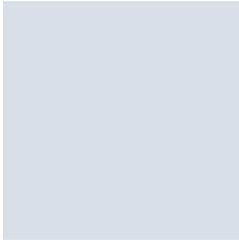
Furthermore, the NovusBloc offers outstanding potential for reduced unit size, weight and footprint and comes in four different model sizes depending on the users' heat transfer duty requirements. Each model can be pressed in many different materials to cope with corrosion aggressive environments.

In terms of maintenance, The NovusBloc is fully accessible for mechanical cleaning and visual inspection thus making it fulfill buyer choice-criteria for applications with high fouling tendency where clean-ability is a must.

"It's truly exciting to get this product into the Tranter product range as it gives us a real differential advantage towards some key buyer choice-criteria" says Stefan Gavelin, Director of Global Sales Enablement.

Tranter is a global manufacturer of gasketed and welded plate heat exchangers and an aftermarket service provider for the plate heat exchanger industry. Significant manufacturing, research, design engineering and product development activities are based in the USA, Brazil, Sweden, China and India and enable responsiveness to local demands. Tranter is represented globally by a network of our own sales companies, licensees and agents. www.tranter.com.

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