TRANTER®
The heat transfer people

FOR IMMEDIATE RELEASE

TRANTER MEETS STEAM TURBINE CONDENSER UPTIME NEEDS WITH HEAT EXCHANGERS

Tranter, Inc., introduces two heat exchangers as the core of condenser solutions for steam turbine operators such as the automobile manufacturing, primary iron and steel, pulp & paper, power generation, refining and oil & gas processing industries. The ULTRAMAX® Welded Plate and SUPERMAX® Shell & Plate Heat Exchangers provide responsive condensing performance over wide turndowns, while resisting scaling and fouling characteristics of shell & tube units.

The standard duty ULTRAMAX is engineered for operating pressures up to 45 barg (650 psig) and low and high temperatures from -196°C to 343°C (-320°F to 650°F). The standard duty SUPERMAX is designed for pressures up to 70 barg (1,015 psig), operating temperature up to 537°C (1,000°F) and a maximum differential temperature of 250°C (450°F).

Both HEs provide the same safety factor found in the traditional shell & tube units and require 40 to 50% of the space, a critical factor in tight facilities. Their smaller hold-up volume additionally results in faster start-ups and closer following of load changes.

For pressure integrity, the ULTRAMAX plate pack is enclosed in the welded core with nozzles and installed in a box of four bolted steel plates. The SUPERMAX unit is designed to withstand extreme cyclic conditions. A removable core version is available to make possible disassembly and cleaning of both channels.

Tranter, Inc., is a global heat transfer company with representatives around the world. Tranter has been in the forefront of plate heat exchanger technology for more than 70 years—with proprietary products and components on the job in demanding industrial and commercial installations around the world.

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This ULTRAMAX® Welded Plate and SUPERMAX® Shell & Plate Heat Exchangers photo is available as a hi-res digital file; request U&SmaxCMYK.jpg from dwoodard@shoreyandassociates.com.

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