

Product Literature
SUPERCHANGER® Support

RESTORING LIKE-NEW PERFORMANCE



Plate & Frame Heat Exchanger
Reconditioning Services



Comprehensive PHE Services

In addition to as-needed preventive and emergency services, Tranter offers tailored service contracts to reduce process downtime and give you known costs for more accurate maintenance budgeting. In certain cases, an available plate pack changeout and exchange program provides sensible, economically justifiable uptime insurance.

Tranter stands behind its work, with a one-year warranty on new parts, and a guarantee on workmanship and labor for on-site service jobs. You will be informed of any issues as they arise to keep downtime to an absolute minimum.



Tranter on-site teams stand ready to restore peak efficiency to your exchangers with minimal downtime.

On-site services

At your facility, we can carry out performance diagnostics, pressure washing of plates, plate inspection, checking and replacing gaskets as needed and closing the unit to factory specifications. For Tranter units, we'll compile for you complimentary application documentation. We audit each unit, comparing the "as built" design parameters against the current operating conditions to ensure that the installed area is delivering maximum efficiency. The result is a clean exchanger, delivering design heat transfer rates and pressure drops, while minimizing costly downtime, repairs and replacement parts.

Tranter labels refurbished plate packs for easy installation. After a thorough quality inspection, plates are carefully packed for shipping.

RMA# 118854

FXD-085/EPDM
235 Plate Pack



At Your Service

Energy consumption rising? Heating or cooling performance out of control? It could be that your plate & frame heat exchangers need reconditioning. Now is a good time to make sure your PHEs are performing up to specifications.

Clean PHEs save money

Dirt, deposits, scale and other foulants rob your PHEs of their efficiency. Continuing to operate them risks damage to your plates—damage that could lead to leaks, faulty operation and reduced exchanger service life. Faulty PHEs in turn pose damage risks to upstream and downstream equipment with expensive, unscheduled downtime for repairs.

All brands welcome

If cleaning or regasketing is warranted, doing the job properly can prevent this expensive damage. There are no better qualified people to refurbish your PHEs than the experts at Tranter Service Centers. Our experienced service teams safely clean and regasket your plates, returning them to peak efficiency, with all work guaranteed by written warranties covering materials and workmanship.

Your exchangers don't even have to be Tranter SUPERCHANGER® units, either. We service all popular makes and models, including Tranter, Alfa Laval, APV, Graham, Sentry, Mueller, Polaris and others.

Our experienced technicians safely clean and regasket your plates, with all work guaranteed by written warranties covering materials and workmanship.





In-shop plate pack services

Meticulous procedures mark our in-shop PHE services. Each plate is logged and visually inspected, to determine if it merits reconditioning. We cross check Tranter's original spec database to determine if there is any deviation from the original spec. If plates are from another manufacturer, we attempt to determine if original specs still apply. Then, we determine the precise cleaning and treatment process needed.

Plates are pressure washed and rinsed, then subjected to either hot caustic stripping and/or a manual procedure for gasket and scale removal. They are then subjected to immersion in a variety of acids, compatible with the plate material, to remove the balance of any foulants. Cleaned plates are 100% visually inspected and a sampling of 10% is dye-penetrant tested for cracks, pin holes or material failure. Following this procedure, plates are again pressure washed and rinsed to remove all traces of the dye.

Plates are then regasketed with high quality OEM replacement gaskets, using a softer, non-hardening, OEM-spec gasket adhesive that does not require heat curing. This gluing method allows for easy field repair.

Tranter sequentially marks complete plate packs for ease of handling and proper orientation when installing plates. After a thorough quality inspection, plates are carefully packed and shipped ready for installation. Current drawings of Tranter units are provided with each shipment.

Complete rebuilds

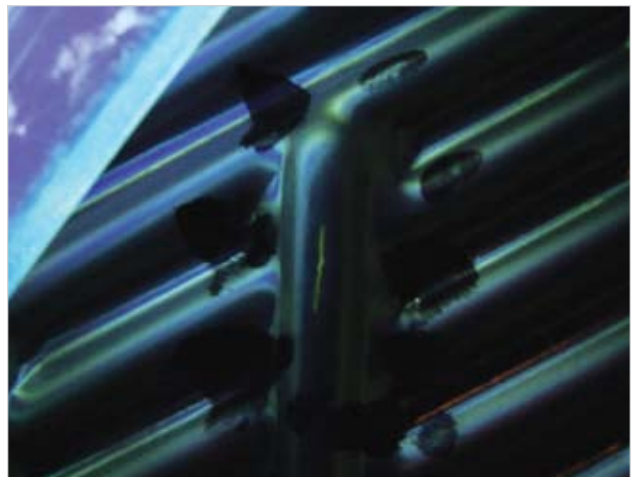
Entire unit refurbishment includes frame repair (sandblasting and repainting), complete plate pack service, reassembly and closing the unit to precise factory specifications. We then carry out hydro testing of the unit and can confirm performance on-site to affirm process compatibility under changed conditions.



Plates and gaskets from other manufacturers are analyzed to determine if original specs still apply, and what cleaning procedures will be most effective.



Thoroughly cleaned plates are essential for good PHE performance. Pressure washing of the stripped plates removes loosened material.



Cleaned plates are 100% visually inspected and a sample is dye-penetrant tested for damage.



Plates are immersed in caustic and acid baths compatible with the plate material.



Plates are regasketed with OEM replacement gaskets, using a non-hardening, OEM-spec adhesive that does not require heat curing.



Entire unit refurbishment includes frame repair, complete plate pack service, reassembly and closing the unit to precise factory specifications.

Why OEM Service Counts

You purchased a standard of performance with your new PHE. We are dedicated to restoring your unit to that standard. That's why we offer OEM replacement parts and service. Following are examples of the care we offer to every customer:

1. If gaskets are failing drastically, we verify your current operation before replacing them.
2. Instead of conventional two-part epoxy adhesive that cracks, causing leakage, Tranter Service Centers use a special, softer Pliobond® adhesive, skillfully and evenly applied.
3. If plate damage was caused by over-tightening, we assist you with procedures to prevent this from recurring.
4. For Tranter SUPERCHANGERS, we compare your heat exchanger serial number with our model database to verify its original design conditions. Any deviation alerts us to ask for clarification.

Ready to serve

Tranter is constantly opening new authorized facilities worldwide. For current locations, consult the service area on our website, www.tranter.com. With Tranter and its authorized service facilities, you can always be sure that you get the right gaskets, the right plates, the friendliest service and our OEM Guarantee.





At the forefront of heat exchanger
technology for more than 70 years

Tranter top quality, high-performance, proprietary products are on the job in demanding industrial and commercial installations around the world. Backed by our comprehensive experience and worldwide presence, Tranter offers you exceptional system performance, applications assistance and local service. Tranter is close to its customers, with subsidiary companies, agents, distributors and representatives located worldwide. Contact us for a qualified discussion of your needs.



Canada
Tranter Heat Exchangers
Canada, Inc.
Edmonton, AB Canada
Tel: 888-465-1965
Fax: 780-469-5448
E-mail: servicecanada@tranter.com

USA Factory/Sales/Engineering
Tranter Service Center
Wichita Falls, TX USA
Tel: 1-800-414-6908
Fax: 940-723-5131
E-mail: aftermarket@tranter.com

USA/Midwest
Tranter Midwest Service Center
Farmersville, IL USA
Tel: 217-227-3470
E-mail: aftermarket@tranter.com

USA/Gulf Coast
Tranter Service Center
Houston, TX USA
Tel: 1-800-414-6908
Fax: 713-467-1502
E-mail: aftermarket@tranter.com