

Heat Exchangers
Plate Heat Exchanger
Tranter

April 22, 2015



Meters & Controls, Inc

Established 1920

Elmhurst, IL

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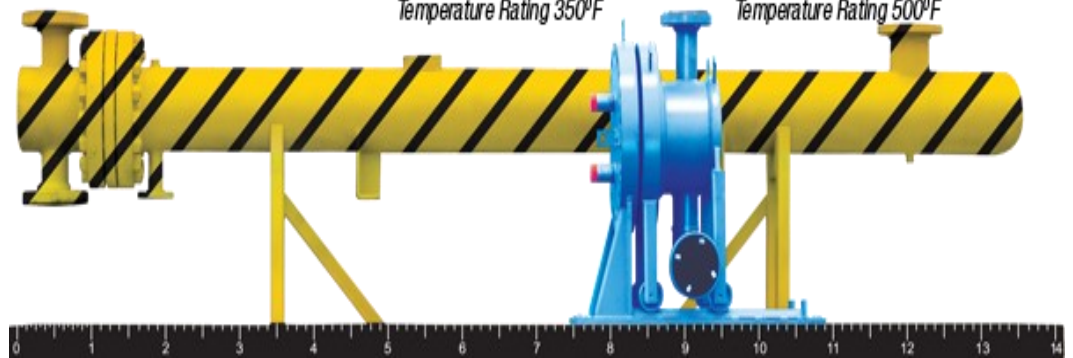
Heat Transfer technology has evolved from shell and tube to *shell and plate units*. Performance has increased, size has shrunk.

SUPERMAX® Shell & Plate

Footprint 3.5-ft length,
Dry Weight 875 lbs,
Pressure Rating 700 psig,
Temperature Rating 350°F

Shell & Tube

Footprint 13.5-ft length,
Dry Weight 1,319 lbs,
Pressure Rating 700 psig,
Temperature Rating 500°F



“Meters & Controls has been in business since 1920. Taking care of customers is our specialty.”

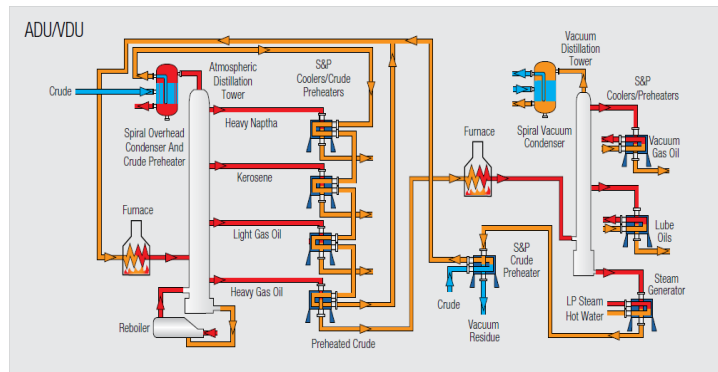
Keep us in mind for all of your Equipment Needs:

- Gas Meters
- Burner Controls
- Flow Meters
- Heat Transfer
- Filtration
- Temperature
- Pressure
- Strainer
- Filter Press
- Mixers
- Hot Water Sets

Heat transfer technology is evolving. **Tranter, Inc.** is finding ways to significantly alter the physical size of high temperature and high pressure heat exchangers. Shell and Tube technology is heading down the same path as the horse drawn buggy. Tranter technology has reduced physical length for similar duty units by 75%. That’s a real paradigm shift. That’s a **Super-Max™** idea.



Many industrial refining and chemical operations have requirements for heat transfer that requires regular cleaning to keep the units operating at acceptable heat transfer rates. The SuperMax™ was invented with this in mind. Down time for cleaning has been reduced by 90% in some applications. The Removable Cover Super-Max exchanger provides full accessibility to the plate pack for inspection and/or mechanical cleaning by removing the plate pack bundle.



Refining and distillation systems have many locations that can benefit from the Super-Max technology. Hundreds of square feet can be recovered and performance improved at the same time. Tranter has created a win-win situation on many levels.

When its time to replace an older S-T unit, give us a call.