

## CG Thermal will provide the Umax<sup>®</sup> HX mounted on a steel frame with all of the necessary equipment, piping, and instrumentation.

- Custom design to achieve your specified criteria ( dilution rate, concentration and temperature)
- **Skid will include the pump control cabinets, HMI, and controllers to control product acid concentration**
- An optional glycol chiller can be provided on larger systems or when warranted by limitations on cooling water supply.

### Control features:

- Conductivity sensors are located after the heat exchanger with flow control valves on acid feed will control product acid concentration.
- Flow sensors on the acid feed will achieve consistent product and production rate
- Level sensors and switches can be provided on tanks to prevent overflowing or running pumps dry
- Flow sensor and switches are used on the cooling water to ensure safe and sufficient flow.
- Temperature sensors on acid streams will ensure safe temperatures.
- Instrument display, PID controllers, and pump controls are located for easy access.

