



SMALL CAPACITY SULFUR RECOVERY UNITS

Principal Technology offers sulfur recovery units specifically designed for small capacity plants. Featuring the latest technology for sulfur recovery and pollution reduction, these SRUs provide the same results as larger systems while addressing the specific issues of small capacity sulfur recovery. Principal Technology's SRUs are available in nameplate capacities from 2-50 LTPD, with sustained turn-down capabilities to under

0.5 LTPD. Our turn-key systems provide cost savings and their modular design assures faster installation to reduce down-time at the owner's plant.

Principal Technology addresses specific issues of small capacity sulfur recovery:

- Heat Conservation
- Temperature management
- Equipment scaled to maintain optimum process efficiency
- Ease of operation and maintenance access

For every project, Principal Technology applies the sulfur recovery equipment that is the best solution to meet the capacity demands of the processing plant. These SRUs offer high turndown ratios that can accommodate fluctuations in feeds for more flexible operation.





By applying years of expertise in SRU design, Principal Technology has created a modular platform for its small capacity SRUs. Fabricating modular components in the controlled fab-shop environment assures schedule, quality control and testing during the manufacturing phase. Completion of the units at a the customer's plant involves connecting the modules to the balance of plant services and final control system testing, reducing installation time from 50 to 75 percent and minimizing disruptions to ongoing plant operations.

Principal Technology applies industry best practices, combined with exclusive features to meet each client's exacting sulfur recovery requirements. Principal Technology SRUs also include superior application and utilization of analyzers, instrumentation, and control schemes to enhance reliability and plant operations.

Principal Technology's Small Capacity SRUs:

- Apply the best technological solution for each operation
- Account for capacity and the smaller amounts of sulfur generated
- Emphasize heat conservation and temperature management
- Feature high turndown ratios
- Accommodate fluctuations in feeds for more flexible operation
- Are scaled to maintain optimum process efficiency
- Meet the capacity demands of any refinery or natural gas plant
- Provide access to all components for easy operation & maintenance

