



Second Laureate Research & Development

- ◆ **Project Title:** Engineering and Construction of Isomax Reactor Heat Exchanger
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Abstract:

Regarding the production potentiality of towers as long as Isomax reactor's characteristics, Isomax Reactor Heat Exchanger with different capacities is the best choice for servicing high temperature pressure vessels such as Hydro cracking, Isomax, Gas compressing, Ammonia extraction and other applications in oil, gas and petrochemical industries. Isomax is one of the most important units in the oil refineries. In comparison with the other types of exchangers, the main important advantages of this exchanger are those of being less weighted, easily operated and serviced. The construction process of this exchanger includes the engineering, technology production, weld's design, heat treating, machining, and tests. The construction of such exchanger is the national honor because it is unique concerning its size, weight, pressure, temperature and service. It is also significant since this will hold back much capital.