

Petrochemical Conversion Furnace

This conversion furnace is designed for petrochemical engineering applications within petroleum refineries. It is constructed as a cylindrical pressure vessel to withstand high temperatures and pressures.



ADDITIONAL IMAGES



Overview

Industrial Conversion Furnace

This high-capacity petrochemical conversion furnace is engineered for demanding refinery environments, facilitating critical chemical reactions and heat exchange processes. Constructed with premium SA387Gr.11CL2+ steel and featuring 321 surfacing, the unit is built to withstand rigorous industrial conditions. With a robust design capable of operating at pressures up to 7.15 MPa and temperatures of 480°C, this vessel provides reliable performance for large-scale chemical engineering operations.

Technical Specifications

Design Pressure	7.15 MPa
Set Temperature	480 °C
Total Weight	112.3 T

Construction & Materials

Material Grade	SA387Gr.11CL2+
Surfacing	321

Dimensions

Dimensions (L x W x H)	12590 x 12770 x (105+5) mm
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Performance Metrics

Key Operational Metrics

7.15 MPa

Design Pressure

480 °C

Set Temperature

112.3 T

Total Weight