

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) | 2590 x 12770 x (105+5) mm |
|------------------------|---------------------------|

Performance Metrics

Key Operational Metrics

7.15 MPa

Design Pressure

480 °C

Set Temperature

112.3 T

Total Weight