

# Polypropylene Loop Reactor

This loop reactor is designed for polypropylene production. The system features interconnected piping, pressure vessels and a support structure for chemical processing.



## Overview

### Industrial Polypropylene Loop Reactor

This high-capacity loop reactor is engineered for demanding polypropylene production processes. Constructed from durable SA333 Cr.6 material, it offers robust performance under extreme pressure and temperature conditions. Its modular design is optimized for large-scale chemical processing applications, ensuring reliable operation in complex plant environments.

## Technical Specifications

### Design Pressure

**-0.1 Mpa**  
Min Pressure

**7.4 Mpa**  
Max Pressure

### Material Grade

SA333 Cr.6

### Operating Temperature Range

-45 to 150 °C

## Dimensions and Weight

### Physical Dimensions

Parameter	Value
Standard Size	Æ610*51000*20
Total Weight	280 T