

# Hydrogen Recycling Pressure Vessel

This pressure vessel is designed for recycling hydrogen in petrochemical engineering. It is constructed from high-grade steel and features multiple nozzles and connections.



## Product Overview

### Industrial Hydrogen Recycling Solution

This high-performance hydrogen recycling pressure vessel is engineered specifically for compressor inlet liquid separation within petrochemical environments. Constructed from high-grade 16MnR (R-HIC) steel, it provides superior resistance to harsh process conditions and high pressures. Its robust design is optimized for efficiency, ensuring reliable hydrogen recovery and waste reduction in complex industrial workflows.

## Technical Specifications

### Performance Metrics

**11.9 Mpa**

Operating Pressure

**280 °C**

Max Temperature

Material	16MnR (R-HIC)
Design Pressure	11.9 Mpa
Design Temperature	280 °C
Standard Sizes	\$1500x7039x106
Total Weight	25.291 T