

# Urea Tank Assembly for SCR Systems

This urea tank assembly is designed for use in selective catalytic reduction (SCR) systems. It features excellent strength, corrosion resistance, and easy installation.

**SCR 尿素精总成 (国IV、国V)**  
SCR Urea Tank Assembly (China IV, China V)

随着国家大气污染治理的进一步实施, FOMAY SCR尿素精总成以其强度高、耐腐蚀性强、重量轻、安装方便等优点深受用户好评,广泛应用于非道路移动机械SCR系统上。

With the further implementation of law on prevention and control of atmospheric pollution, FOMAY Urea Tank are widely used in SCR system of non-road mobile machinery with its excellent performance in strength, corrosion resistance, easy installation and personalized design.



产品型号 Product	国IV国V系列 国IV、国V
主要材料 Main Material	中密度聚乙烯 (MDPE) 高密度聚乙烯 High-Density Polyethylene
工作温度 Working Temperature	-40°C ~ 85°C
生产工艺 Production Process	滚塑、吹塑 Rotational Molding or Blow Molding
执行标准 Standard	GB 19052.1, GB 19052.2, GB 19052.3, GB 19052.4
主要规格 Main Specification	20L, 45L, 60L

## Product Overview



High-durability urea tank assembly designed for SCR systems in non-road mobile machinery.

## High-Performance SCR Urea Tank Assembly

Designed for demanding non-road mobile machinery, this urea tank assembly provides robust performance in complex SCR systems. Engineered for durability, it offers exceptional resistance to corrosion and physical stress while maintaining a user-friendly, modular design. Compliance with international standards ensures reliable emission control performance under diverse operating conditions.

## Technical Specifications

### Assembly Components

- Tank Body
- Level Sensor

Construction Material	Medium Density Polyethylene (MDPE)
Manufacturing Process	Rotational Molding, Blow Molding
Temperature Range	-40°C to 85°C

## Performance Metrics

### Key Performance Indices

Test Parameter	Requirement / Standard
Internal Cleanliness	d 0.2mg/L
Leak Tightness	30 KPa
Pressure Resistance	No cracking at 50 KPa
Drop Performance	No leakage at 6m drop
Low Temp Impact	No leakage at -40°C with 30J

## Compliance and Logistics

### Available Capacities

20L • 40L • 60L

### Regulatory Standards

ISO22241, JA 1160-70U-2, JBT 11880