

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尿素精总成以满足高要求、耐腐蚀性强、重量轻、安装方便、使用寿命长等要求, 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 Model	国IV/国V: 100L
产品材质 Construction Material	中密度聚乙烯 (MDPE) / 高密度聚乙烯 (HDPE) / 超高分子量聚乙烯 (UHMWPE)
制造温度 Manufacturing 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 19050, GB 19051, GB 19052, GB 19053
主要应用 Main Application	国IV、国V

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 0.2ng/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