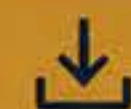




TRANSIT & BUS COMPONENTS & SYSTEMS

2026 CATALOG

Precision Engineered Components
for Transit Fleets, Bus Manufacturers
& Aftermarket Service Providers



Download Catalog





ENGINEERED SOLUTIONS FOR TRANSIT & BUS SYSTEMS

Precision engineered components and systems that drive performance, reliability and efficiency across the transit and bus industry.



INDUSTRY APPLICATIONS

- ✓ Transit Buses
- ✓ Electric Buses
- ✓ Shuttle Buses
- ✓ School Buses
- ✓ Motor Coaches
- ✓ Paratransit Vehicles
- ✓ Airport Transport Buses
- ✓ Specialty Transit Vehicles



OSANTS CAPABILITIES

- ✓ Global Supplier Management
- ✓ Reverse Engineering
- ✓ Product Sourcing
- ✓ Custom Fabrication
- ✓ Inventory Programs
- ✓ Quality Management
- ✓ Logistics Coordination
- ✓ Lifecycle Support



MANUFACTURING EXPERTISE

- ✓ CNC Machining
- ✓ Laser Cutting
- ✓ Welding
- ✓ Powder Coating
- ✓ Wire Harness Assembly
- ✓ Precision Assembly
- ✓ Electronics Integration



BUS ASSEMBLY LINE



ENGINEERS REVIEWING COMPONENTS



FABRICATION FACILITY



TRANSIT FLEET OPERATIONS





CUSTOM FABRICATIONS & STRUCTURAL COMPONENTS

Precision-engineered structural solutions designed for strength, durability, and long-term performance in transit applications.



STRUCTURAL COMPONENTS

OSANTS Can Source:



- ✓ Bus Body Panels
- ✓ Roof Assemblies
- ✓ Battery Enclosures
- ✓ Structural Frames
- ✓ Mounting Brackets
- ✓ Seat Mount Structures
- ✓ ADA Platform Components
- ✓ Door Frames



FABRICATION CAPABILITIES

- ✓ Welded Assemblies
- ✓ Aluminum Fabrication
- ✓ Stainless Steel Fabrication
- ✓ Sheet Metal Forming
- ✓ Tube Bending
- ✓ Robotic Welding



SURFACE TREATMENTS

- ✓ Powder Coating
- ✓ E-Coating
- ✓ Galvanizing
- ✓ Anodizing
- ✓ Corrosion Resistant Finishes



TRANSIT-SPECIFIC BENEFITS

- ✓ Vibration Resistant Designs
- ✓ Lightweight Structures
- ✓ Corrosion Protection
- ✓ Long Service Life
- ✓ OEM Compatibility



BUS FRAME FABRICATION



BATTERY ENCLOSURE MANUFACTURING



STRUCTURAL WELDMENTS



SHEET METAL ASSEMBLIES

PASSENGER ACCESS & INTERIOR COMPONENTS

High-quality components and systems that enhance passenger comfort, ensure safety, and improve operational efficiency.



DOOR SYSTEMS

Components OSANTS Can Source:

- ✓ Door Actuators
- ✓ Door Linkages
- ✓ Door Control Modules
- ✓ Door Seals
- ✓ Hinges
- ✓ Emergency Release Components



HVAC COMPONENTS

- ✓ Blower Assemblies
- ✓ HVAC Housings
- ✓ Air Duct Systems
- ✓ Compressors
- ✓ Condenser Assemblies
- ✓ Air Distribution Components



INTERIOR COMPONENTS

- ✓ Driver Barriers
- ✓ Grab Rails
- ✓ Stanchions
- ✓ Seat Frames
- ✓ Interior Panels
- ✓ Flooring Components



FLEET PERFORMANCE FEATURES

- ✓ ADA Compliance
- ✓ Passenger Safety
- ✓ Reduced Maintenance
- ✓ OEM Fitment
- ✓ Improved Reliability



POWER & VEHICLE SYSTEMS

Engineered components and systems that deliver dependable performance, withstand demanding conditions, and keep transit fleets moving.



CHASSIS COMPONENTS

OSANTS Can Source:

- ✓ Suspension Components
- ✓ Mounting Brackets
- ✓ Crossmembers
- ✓ Steering Components
- ✓ Axle Hardware
- ✓ Structural Supports



HYDRAULIC SYSTEMS

- ✓ Hydraulic Cylinders
- ✓ Pumps
- ✓ Valve Assemblies
- ✓ Hose Assemblies
- ✓ Reservoir Systems
- ✓ Manifold Blocks



DRIVETRAIN COMPONENTS

- ✓ Gearboxes
- ✓ Couplings
- ✓ PTO Assemblies
- ✓ Drive Shafts
- ✓ Bearings
- ✓ Power Transmission Components



QUALITY FEATURES

- ✓ OEM Specifications
- ✓ Pressure Testing
- ✓ Durability Validation
- ✓ Environmental Testing
- ✓ Long Lifecycle Performance



CHASSIS ASSEMBLIES



HYDRAULIC SYSTEMS



DRIVETRAIN COMPONENTS



TESTING FACILITIES

ELECTRICAL & CONTROL SYSTEMS

Advanced electrical, electronic, and EV solutions engineered for reliability, safety, and seamless integration in modern transit and bus applications.



ELECTRICAL SYSTEMS

Components OSANTS Can Source:

- ✓ Wiring Harnesses
- ✓ Junction Boxes
- ✓ Connectors
- ✓ Electrical Panels
- ✓ Lighting Systems
- ✓ Fuse Assemblies



VEHICLE CONTROLS

- ✓ Driver Control Modules
- ✓ Dash Assemblies
- ✓ HMI Interfaces
- ✓ Switch Panels
- ✓ Sensor Systems
- ✓ Telematics Components



EV COMPONENTS

- ✓ Battery Enclosures
- ✓ Battery Cooling Components
- ✓ High Voltage Harnesses
- ✓ Charging Interfaces
- ✓ Power Distribution Modules
- ✓ Thermal Management Components



SAFETY SYSTEMS

- ✓ Camera Systems
- ✓ Collision Avoidance Sensors
- ✓ Emergency Stop Controls
- ✓ ADA Electronics
- ✓ Passenger Information Systems



ENGINEERED FOR RELIABILITY

- ✓ OEM Quality
- ✓ Rigorous Testing
- ✓ System Integration
- ✓ Environmental Validation
- ✓ Long-Term Performance



WIRING HARNESSES



EV BATTERY SYSTEMS



DRIVER CONSOLES



CONTROL ELECTRONICS

OSANTS

ENGINEERED SOLUTIONS FOR TRANSIT & BUS COMPONENTS

BUILT FOR PERFORMANCE. DESIGNED FOR RELIABILITY.

OSANTS is a trusted partner for transit authorities, bus OEMs, and aftermarket providers. We deliver engineered components and systems that improve safety, extend vehicle life, and reduce total cost of ownership.



TRANSIT SOLUTIONS

Components for Light Rail,
Subway, & Commuter Systems



BUS SYSTEMS

Engineered Components for
All Types of Buses & Fleets



ADVANCED MANUFACTURING

Precision Manufacturing for
Quality, Consistency & Scale



ENGINEERED QUALITY

Built to Meet Strict Standards
for Safety & Durability



FLEET PERFORMANCE

Solutions That Keep Fleets
Moving & Passengers Safe



COMPONENTS & SYSTEMS

- ✓ Structural Assemblies
- ✓ Door Systems
- ✓ HVAC Components
- ✓ Interior Components
- ✓ Chassis Components
- ✓ Electrical Systems
- ✓ EV Components
- ✓ Safety Systems



ENGINEERING SUPPORT

- ✓ Reverse Engineering
- ✓ CAD Review
- ✓ Product Development
- ✓ Supplier Consolidation
- ✓ Cost Reduction Programs
- ✓ Prototype Support



MANUFACTURING EXCELLENCE

- ✓ CNC Machining
- ✓ Precision Welding
- ✓ Assembly Operations
- ✓ Electronics Integration
- ✓ Quality Inspection
- ✓ Inventory Programs



CERTIFICATIONS

- ✓ ISO 9001
- ✓ IATF 16949
- ✓ RoHS
- ✓ CE
- ✓ Customer Specific Requirements



OSANTS ADVANTAGES

- ✓ Transit Industry Focus
- ✓ OEM & Aftermarket Support
- ✓ Global Supply Network
- ✓ Competitive Pricing
- ✓ Fleet Lifecycle Support
- ✓ Custom Manufacturing Solutions



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