



# TRAILER & SEMI-TRAILER SOLUTIONS

## 2026 CATALOG

Precision Engineered Components  
& Complete Trailer Solutions

From precision-engineered components to fully integrated trailer solutions, we deliver durable, reliable, and compliant systems built to perform on every mile.

 [Download Catalog](#)





# TOWING COMPONENTS & CONNECTION SYSTEMS



OSANTS provides a complete range of towing and coupling solutions engineered for strength, reliability, and safety. Our components are built to handle demanding applications and ensure secure connections for every towing need.

**COUPLERS & HITCH SYSTEMS**

- Ball Couplers
- Adjustable Couplers
- Pintle Ring Assemblies
- Gooseneck Couplers
- Fifth Wheel Components
- Receiver Tubes

**HITCH ACCESSORIES**

- Ball Mounts
- Tow Balls
- Hitch Pins
- Safety Chains
- D-Rings & Recovery Points
- Breakaway Systems

**TRAILER JACK SYSTEMS**

- Swivel Jacks
- Drop Leg Jacks
- A-Frame Jacks
- Heavy Duty Landing Gear
- Electric Jacks
- Stabilizer Supports

BALL COUPLERS	ADJUSTABLE COUPLERS	PINTLE RING ASSEMBLIES	GOOSENECK COUPLERS	FIFTH WHEEL COMPONENTS	RECEIVER TUBES	BALL MOUNTS	TOW BALLS	HITCH PINS	SAFETY CHAINS	D-RINGS & RECOVERY POINTS	BREAKAWAY SYSTEMS	TRAILER JACKS	LANDING GEAR	STABILIZER SUPPORTS



## ENGINEERED FOR SAFE & RELIABLE LOAD TRANSFER

Our towing and coupling systems are designed and tested to deliver exceptional performance, secure connections, and long-lasting durability in the toughest conditions.



**BUILT FOR CONFIDENCE**  
Engineered for strength and reliability to handle demanding towing applications.



**PRECISE & RELIABLE**  
Manufactured to exact standards for superior fit, function, and performance.



**SAFE, RELIABLE, DURABLE**  
Built for safety and durability in the toughest conditions, mile after mile.



**TESTED & VALIDATED**  
Rigorously tested for quality, safety, and compliance with industry standards.



**MAXIMUM UPTIME**  
Reliable systems reduce downtime and keep your equipment performing at its best.





# SEMI-TRAILER ASSEMBLIES & COMPLETE SOLUTIONS

ENGINEERED PRECISION GLOBAL DELIVERY.

OSANTS delivers precision trailer components and complete semi-trailer assembly solutions through a streamlined global sourcing network focused on quality, reliability, and manufacturing excellence.



**BUILT TO PERFORM.  
DELIVERED TO EXCEL.**

- GLOBAL SOURCING NETWORK
- QUALITY YOU CAN TRUST
- ENGINEERED FOR PERFORMANCE
- ON-TIME DELIVERY
- CUSTOMER FOCUSED

## SEMI-TRAILER ASSEMBLIES

- Chassis Assemblies
- Landing Gear Systems
- Suspension Modules
- Rear Underride Guards
- Container Chassis Components
- Bulk Trailer Structures



## COMPLETE ASSEMBLY SOLUTIONS

- Pre-Assembled Kits
- Welded Subassemblies
- Hardware Kits
- OEM Replacement Assemblies
- CKD/SKD Packaging Programs



## ENGINEERING & MANUFACTURING SUPPORT

- CAD Review
- Reverse Engineering
- Value Engineering
- Prototype Development
- Quality Inspection
- Global Logistics Management



**ONE PARTNER. ENDLESS SOLUTIONS.**

From concept to container, OSANTS delivers complete semi-trailer assembly solutions with unmatched quality, efficiency, and global reach.



- PREMIUM QUALITY**  
Strict quality control and testing at every stage of production.
- ADVANCED MANUFACTURING**  
State-of-the-art equipment and skilled workmanship.
- GLOBAL CAPABILITIES**  
Reliable manufacturing partners and worldwide delivery.
- CUSTOM SOLUTIONS**  
Tailored assemblies to meet your exact requirements.
- DEDICATED SUPPORT**  
Expert support throughout your project lifecycle.

**OSANTS.COM**





# SUSPENSION & RUNNING GEAR SOLUTIONS



OSANTS delivers reliable suspension and running gear components engineered for strength, stability, and performance. Our systems are built to withstand the toughest road and load conditions, ensuring long-term durability and safety.

**AXLE SYSTEMS**

- ✓ Straight Trailer Axles
- ✓ Drop Axles
- ✓ Torsion Axles
- ✓ Semi-Trailer Axle Assemblies
- ✓ Lift Axles
- ✓ Stub Axles



**SUSPENSION COMPONENTS**

- ✓ Leaf Spring Assemblies
- ✓ Equalizers
- ✓ Hangers
- ✓ Torque Arms
- ✓ Air Ride Suspension Systems
- ✓ Walking Beam Suspensions



**WHEEL END COMPONENTS**

- ✓ Trailer Wheels & Rims
- ✓ Hubs & Drums
- ✓ Bearings & Seals
- ✓ Brake Assemblies
- ✓ Tire & Wheel Packages









STRAIGHT TRAILER AXLES    DROP AXLES    TORSION AXLES    SEMI-TRAILER AXLE ASSEMBLIES    LIFT AXLES    STUB AXLES








LEAF SPRING ASSEMBLIES    EQUALIZERS    HANGERS    TORQUE ARMS    AIR RIDE SUSPENSION SYSTEMS    WALKING BEAM SUSPENSIONS







TRAILER WHEELS & RIMS    HUBS & DRUMS    BEARINGS & SEALS    BRAKE ASSEMBLIES    TIRE & WHEEL PACKAGES

**HEAVY-DUTY COMPONENTS**  
BUILT FOR MAXIMUM DURABILITY

Engineered with premium materials and precision manufacturing to deliver superior strength, consistent performance, and extended service life.



**BUILT FOR TOUGH ROADS**  
Components engineered to withstand harsh road and load conditions.

**PRECISE ENGINEERING**  
Manufactured to exact standards for optimal fit, performance, and reliability.

**MAXIMUM DURABILITY**  
Heavy-duty materials and advanced design for long-lasting strength.

**TESTED & RELIABLE**  
Rigorous testing ensures safety, durability, and consistent performance.

**BUILT TO PERFORM**  
Reliable solutions that keep your trailers rolling mile after mile.





# TRAILER STRUCTURES & BODY HARDWARE

OSANTS manufactures high-quality structural and body components built for strength, durability, and precision. Our products are engineered for seamless integration and long-term performance in any application.



## STRUCTURAL FABRICATIONS

- ✓ Trailer Frames
- ✓ Crossmembers
- ✓ Tongue Assemblies
- ✓ Side Rails
- ✓ Rear Bumpers
- ✓ Steel & Aluminum Weldments



TRAILER FRAMES



CROSSMEMBERS



TONGUE ASSEMBLIES



SIDE RAILS



REAR BUMPERS



STEEL & ALUMINUM WELDMENTS

## TRAILER BODY COMPONENTS

- ✓ Side Panels
- ✓ Tailgates
- ✓ Fenders
- ✓ Toolboxes
- ✓ Ramps & Ramp Doors
- ✓ Flooring Systems



SIDE PANELS



TAILGATES



FENDERS



TOOLBOXES



RAMPS & RAMP DOORS



FLOORING SYSTEMS

## HARDWARE & FASTENING SYSTEMS

- ✓ Hinges
- ✓ Latches
- ✓ Locks
- ✓ Tie Downs
- ✓ Corner Brackets
- ✓ Fasteners & Mounting Plates



HINGES



LATCHES



LOCKS



TIE DOWNS



CORNER BRACKETS



FASTENERS & MOUNTING PLATES



## CUSTOM FABRICATED COMPONENTS TO CUSTOMER DRAWINGS

From concept to completion, OSANTS delivers precision fabricated components tailored to your specifications, ensuring perfect fit, superior strength, and long service life.



**ENGINEERED FOR SAFETY**  
Components built to meet industry safety standards for reliable performance.



**DURABLE & RELIABLE**  
Heavy-duty materials and precision manufacturing for long-term durability.



**CUSTOM FABRICATION**  
Built to your drawings and specifications for the perfect fit.



**STRENGTH & DURABILITY**  
Constructed with high-quality materials to withstand the toughest conditions.



**QUALITY YOU CAN TRUST**  
Precision welding, strict quality control, and proven performance.



**EXPERT SUPPORT**  
Dedicated support from design to installation and beyond.

OSANTS.COM



OSANTS offers a complete range of electrical and accessory systems designed for safety, convenience, and long-lasting performance. Our components are built to integrate seamlessly and perform reliably in every environment.



- GLOBAL SOURCING NETWORK
- QUALITY YOU CAN TRUST
- ENGINEERED FOR PERFORMANCE
- ON-TIME DELIVERY
- CUSTOMER FOCUSED

## SEMI-TRAILER ASSEMBLIES

- ✓ Chassis Assemblies
- ✓ Landing Gear Systems
- ✓ Suspension Modules
- ✓ Rear Underride Guards
- ✓ Container Chassis Components
- ✓ Bulk Trailer Structures



## COMPLETE ASSEMBLY SOLUTIONS

- ✓ Pre-Assembled Kits
- ✓ Welded Subassemblies
- ✓ Hardware Kits
- ✓ OEM Replacement Assemblies
- ✓ CKD/SKD Packaging Programs



## ENGINEERING & MANUFACTURING SUPPORT

- ✓ CAD Review
- ✓ Reverse Engineering
- ✓ Value Engineering
- ✓ Prototype Development
- ✓ Quality Inspection
- ✓ Global Logistics Management



**ONE PARTNER. ENDLESS SOLUTIONS.**

From concept to container, OSANTS delivers complete semi-trailer assembly solutions with unmatched quality, efficiency, and global reach.



### PREMIUM QUALITY

Strict quality control and testing at every stage of production.



### ADVANCED MANUFACTURING

State-of-the-art equipment and skilled workmanship.



### GLOBAL CAPABILITIES

Reliable manufacturing partners and worldwide delivery.



### CUSTOM SOLUTIONS

Tailored assemblies to meet your exact requirements.



### DEDICATED SUPPORT

Expert support throughout your project lifecycle.



**OSANTS.COM**





## CUSTOM ENGINEERING OF PRECISIONS COMPONENTS, ASSEMBLIES AND GLOBAL SOURCING SOLUTIONS

OSANTS is your trusted partner for high-quality trailer components and pre-assembled assemblies. We work with qualified suppliers to deliver products that ensure safety, durability, performance, and on-time delivery for every application.



### CUSTOM MANUFACTURING SOLUTIONS

- ✓ Custom Manufacturing Solutions
- ✓ OEM Replacement Parts
- ✓ Reverse Engineered Components
- ✓ Pre-Assembled Kits
- ✓ Welded Subassemblies
- ✓ Machined Components
- ✓ Complete Trailer Assemblies



### ENGINEERING SOLUTIONS

- ✓ CAD Review
- ✓ Prototype Development
- ✓ Value Engineering
- ✓ Manufacturing Optimization
- ✓ Material Selection
- ✓ Quality Inspection



### GLOBAL SUPPLY CHAIN MANAGEMENT

- ✓ Overseas Manufacturing
- ✓ Supplier Qualification
- ✓ Production Oversight
- ✓ Logistics Coordination
- ✓ Packaging Programs
- ✓ Delivery Management



### QUALITY ASSURANCE SOLUTIONS

- ✓ Incoming Inspection
- ✓ In-Process Verification
- ✓ Final Inspection
- ✓ Testing & Certification
- ✓ Documentation & Traceability
- ✓ Continuous Improvement



### DEDICATED SOLUTIONS

- ✓ Project Management
- ✓ Technical Assistance
- ✓ On-Time Delivery
- ✓ After-Sales Solutions
- ✓ Long-Term Partnerships



### COMPLETE TRAILER ASSEMBLIES



### AXLES & SUSPENSION SYSTEMS



### STANDARDS & CERTIFICATIONS – CERTIFIED SUPPLIER PER IATF 16849 / ISO 9001



ISO 9001



Industry-Specific certifications



Customer-required certifications



ISO 14001



RoHS



CE



### OSANTS ADVANTAGES

- ✓ Specialized solutions for trailers and semi-trailers
- ✓ Improved safety and compliance
- ✓ Enhanced durability and performance
- ✓ Corrosion-resistant materials
- ✓ Easy installation and maintenance
- ✓ Reliable supply chain partnerships



DOWNLOAD PDF CATALOGS AT [OSANTS.COM](https://www.osants.com)



[projects@osants.com](mailto:projects@osants.com)



(418) 845-8388



[OSANTS.COM](https://www.osants.com)

