

ASSEMBLIES SOLUTIONS

2026 CATALOG

ENGINEERED TO MEET YOUR REQUIREMENTS



COMPLETE KITS.
EVERYTHING YOU NEED.



ENGINEERED FOR
EASY ASSEMBLY.



BUILT FOR QUALITY.
BUILT TO LAST.



STREAMLINE PRODUCTION.
DRIVE PERFORMANCE.



SEMI-TRAILER KIT



TRAILER KIT



HOIST KIT



SUSPENSION SUPPORT KIT



CHAIR FRAME WITH
MOTORS & ACTUATORS KIT



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Download Catalog

WHAT ARE ASSEMBLIES?

ASSEMBLIES AS KITS

Assemblies are pre-packaged sets of components designed for easy assembly and integration into larger systems or finished products.

WHY MANUFACTURERS CHOOSE ASSEMBLY KITS

-  Delivered as complete packages
-  Reduce sourcing complexity
-  Simplify production planning
-  Ensure component compatibility
-  Improve consistency across builds

OSANTS ASSEMBLY SOLUTIONS

OSANTS specializes in production and delivery of ready-to-assemble kits and high-value pre-assembled solutions that **help manufacturers improve efficiency** and scalability.

EXPLODED VIEW OF AN ASSEMBLY KIT



BENEFITS OF ASSEMBLIES SOLUTIONS

ENGINEERED TO STREAMLINE MANUFACTURING



REDUCED MANUFACTURING COMPLEXITY

All necessary parts arrive in one package, eliminating the need for multiple suppliers and purchase orders.



ENHANCED QUALITY CONTROL

Every component is manufactured and inspected to the same standards.



LOWER INVENTORY COSTS

Fewer individual part numbers to manage and stock.



FASTER PRODUCTION CYCLES

Assembly kits reduce preparation time and improve workflow efficiency.



CUSTOMIZABLE SOLUTIONS

Assemblies can be tailored to specific customer requirements, designs, and applications.



THE ASSEMBLY MANUFACTURING PROCESS

FROM ENGINEERING TO DELIVERY



A proven, end-to-end process that ensures precision, quality, and on-time delivery of assembly solutions that drive your success.



Customer requirements are reviewed and transformed into engineered assembly solutions.

Parts are precision machined and fabricated to exact specifications.

Components undergo dimensional and quality verification.

All required components are organized into complete assembly kits.

Where required, assemblies are partially or fully assembled and tested.

Solutions are packaged and delivered ready for customer integration.

ASSEMBLY CATEGORIES & INDUSTRY APPLICATIONS

GENERAL CATEGORIES



TRANSPORTATION

- Semi-trailers
- Commercial trailers
- Heavy-duty hauling equipment



INDUSTRIAL EQUIPMENT

- Hoisting systems
- Material handling equipment
- Manufacturing machinery



MOBILITY & SEATING SYSTEMS

- Powered seating platforms
- Actuator-driven assemblies
- Ergonomic systems



HEAVY VEHICLE COMPONENTS

- Suspension systems
- Chassis support structures
- Load-bearing assemblies



SEMI-TRAILER KITS



COMPLETE SEMI-TRAILER ASSEMBLY SOLUTIONS

Designed for OEMs and trailer manufacturers seeking efficient, ready-to-assemble solutions.

FEATURES

- ✓ Precision-manufactured components
- ✓ Consistent dimensional accuracy
- ✓ Simplified assembly process
- ✓ Durable construction for demanding applications

BENEFITS

- ✓ Reduced production time
- ✓ Improved quality consistency
- ✓ Streamlined supply chain management
- ✓ Faster market delivery

APPLICATIONS

- ✓ Flatbeds
- ✓ Freight transportation
- ✓ Logistics fleets
- ✓ Specialized hauling equipment



OSANTS

TRAILER KITS

READY-TO-ASSEMBLE TRAILER SYSTEMS

Comprehensive trailer assembly kits engineered for reliability and ease of installation.






Built for Strength.
Designed for Performance.

FEATURES

-  Pre-packaged components
-  High-strength materials
-  Precision fit and finish
-  Scalable production support

BENEFITS

-  Simplified manufacturing
-  Lower inventory requirements
-  Consistent product quality

APPLICATIONS

-  Utility trailers
-  Commercial trailers
-  Specialized transport platforms



CHAIR FRAMES

WITH MOTORS & ACTUATORS KITS



INTEGRATED MOTION SYSTEMS

Complete assembly solutions for powered seating and motion-controlled applications.



SMOOTH. PRECISE. RELIABLE.



Tilt



Lift



Recline



Extend



FEATURES



Integrated frame structures



Motor and actuator compatibility



Precision movement control



Reliable performance



BENEFITS



Simplified integration



Reduced assembly time



Improved manufacturing efficiency



APPLICATIONS



Powered Seating Systems



Medical Equipment



Mobility Products



Specialty Industrial Seating

HOIST KITS & SUSPENSION SUPPORT KITS



ENGINEERED SOLUTIONS. BUILT FOR PERFORMANCE.

HOIST KITS

ENGINEERED LIFTING SOLUTIONS

Designed for heavy-duty lifting and load management applications.



FEATURES



Robust structural components



Precision-engineered mechanisms



Long service life

APPLICATIONS



Construction equipment



Industrial lifting systems



Material handling operations

SUSPENSION SUPPORT KITS

CRITICAL VEHICLE SUPPORT SYSTEMS

Designed to improve stability, performance, and load distribution.



FEATURES



High-strength support structures



Precision mounting interfaces



Durable operating performance

APPLICATIONS



Heavy-duty trailers



Commercial vehicles



Transportation equipment

OSANTS

PARTNER WITH OSANTS FOR CUSTOM ASSEMBLIES SOLUTIONS

WHY CHOOSE OSANTS?



PREMIUM QUALITY MANUFACTURING

Built to meet the highest standards.



PRECISION MACHINED COMPONENTS

Tight tolerances for optimal performance.



CUSTOMIZED ASSEMBLY PROGRAMS

Tailored solutions for your unique needs.



RELIABLE & DURABLE SOLUTIONS

Engineered for strength, reliability & longevity.



GLOBAL MANUFACTURING SUPPORT

Delivering value where you need it.



GET IN TOUCH



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