

A large white snowplow truck with a black and orange blade is shown plowing a snowy road. The background features snow-covered evergreen trees and mountains under a cloudy sky.

PLOW COMPONENTS & SYSTEMS

2026 CATALOG

Precision Engineered Components
for Performance & Reliability

High-quality components and systems
engineered for reliability, safety, and
long-term performance in every
snow and ice application.



Download Catalog





STRUCTURAL FABRICATIONS & WELDED ASSEMBLIES

CUSTOM FABRICATED STRUCTURAL COMPONENTS

Precision-engineered structural solutions built to withstand the toughest winter conditions and heavy-duty applications.



WELDED ASSEMBLIES

- ✓ Structural Supports
- ✓ Mounting Brackets
- ✓ Reinforcement Assemblies
- ✓ Heavy-Duty Fabricated Systems



STRUCTURAL COMPONENTS

- ✓ Stands & Jacks
- ✓ Cast Iron Shoe Assemblies
- ✓ Plow Guides
- ✓ Mounting Structures



FABRICATION CAPABILITIES

- ✓ CNC Laser Cutting
- ✓ Robotic Welding
- ✓ Tube Bending
- ✓ Precision Machining
- ✓ Powder Coating
- ✓ Galvanizing



OSANTS

CHAINS, MOTORS & DRIVE COMPONENTS

POWER TRANSMISSION & DRIVE SYSTEMS

Engineered drive solutions built to deliver power, control, and reliability in the toughest winter conditions.



CHAIN SYSTEMS

- ✓ Lift Chains
- ✓ Grade 70 Transport Chain
- ✓ Grade 30 Proof Coil Chain
- ✓ Grade 43 High Test Chain
- ✓ NACM Standard Chains



ELECTRICAL DRIVE COMPONENTS

- ✓ Electric Motors
- ✓ Throttle Motors
- ✓ Drive Assemblies
- ✓ Control Linkage Systems



PERFORMANCE FEATURES

- ✓ Corrosion Protection
- ✓ Heavy-Load Capability
- ✓ Cold-Weather Durability
- ✓ Long Service Life



OSANTS

HYDRAULIC SYSTEMS & MOTION CONTROL

HYDRAULIC POWER & CONTROL SYSTEMS

Engineered hydraulic solutions designed to deliver reliable power, precision control, and exceptional performance for the demands of the snowplow industry.



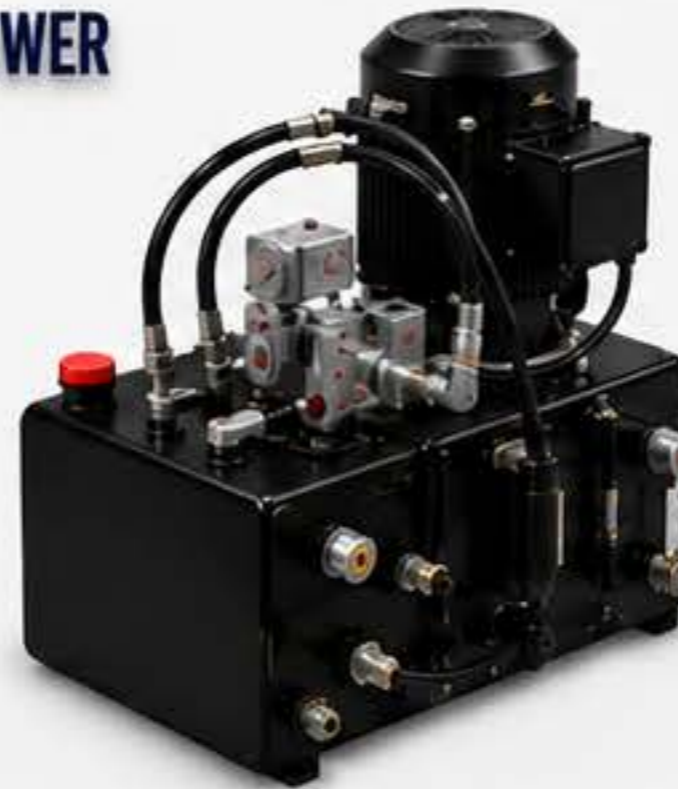
HYDRAULIC CYLINDERS

- ✓ Angling Cylinders
- ✓ Lift Cylinders
- ✓ Hydraulic Actuators
- ✓ Chrome Plated Bars



HYDRAULIC POWER SYSTEMS

- ✓ Hydraulic Power Packs
- ✓ Hydraulic Motors
- ✓ Hydraulic Fittings
- ✓ Hose Assemblies



CORROSION PROTECTION

- ✓ 500-Hour Salt Spray Cylinder Housings
- ✓ Chrome Plated Corrosion-Resistant Bars
- ✓ Heavy-Duty Sealing Systems
- ✓ Winter-Grade Hydraulic Protection



OSANTS

ELECTRICAL & SAFETY SYSTEMS

ELECTRICAL & SAFETY SYSTEMS

Engineered electrical solutions built for reliability, visibility, and control in the most demanding winter environments.



RELIABLE ELECTRICAL SYSTEMS DESIGNED FOR SEVERE WINTER CONDITIONS



WIRING SYSTEMS

- ✓ Wiring Harnesses
- ✓ Electrical Connectors
- ✓ Control Wiring
- ✓ Heavy-Duty Harness Assemblies



LIGHTING SYSTEMS

- ✓ Heated LED Lights
- ✓ Plow Safety Lighting
- ✓ Spreader Lighting Systems
- ✓ Warning Indicators



CONTROL COMPONENTS

- ✓ Switch Systems
- ✓ Monitoring Devices
- ✓ Electrical Controls
- ✓ Safety Electronics



QUALITY FEATURES

- ✓ Environmental Durability Testing
- ✓ OEM Specification Compliance
- ✓ Corrosion-Resistant Electrical Systems
- ✓ Cold-Weather Reliability Validation



OSANTS

ENGINEERED SOLUTIONS FOR SNOWPLOW COMPONENTS & SYSTEMS

QUALITY. RELIABILITY. PERFORMANCE.

OSANTS is your trusted partner for snowplow components and systems. We work with qualified manufacturers to deliver products that ensure durability, safety, and peak performance in the toughest winter conditions.



COMPONENTS & SYSTEMS SOLUTIONS

- Hydraulic Cylinders
- Lift & Angling Systems
- Structural Components
- Electrical & Control Systems
- Chain & Drive Systems
- Wear Parts & Shoes
- Custom Assemblies

ENGINEERING & DESIGN SUPPORT

- CAD Review
- Custom Engineering
- Design Optimization
- Prototype Development
- Reverse Engineering
- Value Engineering
- Technical Documentation

MANUFACTURING EXCELLENCE

- Qualified Manufacturers
- Robotic Welding
- Precision Machining
- CNC Laser Cutting
- Advanced Fabrication
- Surface Treatment
- Quality Manufacturing

QUALITY & TESTING ASSURANCE

- Incoming Inspection
- In-Process Verification
- Load & Cycle Testing
- Functional Testing
- Salt Spray Testing
- Traceability & Reporting
- Continuous Improvement

LOGISTICS & SUPPLY CHAIN SOLUTIONS

- Global Sourcing
- Production Oversight
- Logistics Coordination
- Inventory Programs
- On-Time Delivery
- Packaging Solutions
- Release Management



HYDRAULIC CYLINDERS & SYSTEMS



CHAIN, DRIVE & MECHANICAL SYSTEMS



ELECTRICAL & CONTROL SYSTEMS



PLOW BLADES & WEAR PARTS



MOUNTING & STRUCTURAL COMPONENTS

STANDARDS & CERTIFICATIONS – CERTIFIED SUPPLIER PER IATF 16949 / ISO 9001



ISO 9001



Industry-Specific Standards



Customer-required Certifications



ISO 14001



RoHS Compliant



CE Certified

OSANTS ADVANTAGES

- Specialized in snowplow components & systems
- Built for extreme winter performance
- Heavy-duty, corrosion-resistant materials
- Tested for durability & long service life
- Easy installation & maintenance
- Reliable global supply chain partnerships



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SNOWPLOW COMPONENTS
& SYSTEM SOLUTIONS