



SPREADER COMPONENTS & SYSTEMS

2026 CATALOG

**Precision Engineered Components
for Performance & Reliability**

High-quality components and systems
engineered for reliability, durability, and
maximum performance in every
spreading application.

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ENGINEERED SOLUTIONS FOR MATERIAL SPREADING SYSTEMS



INDUSTRY OVERVIEW & CAPABILITIES

Comprehensive manufacturing solutions and global supply capabilities for all types of material spreaders and application equipment.



INDUSTRY APPLICATIONS

- ✓ Municipal Salt Spreaders
- ✓ Sand Spreaders
- ✓ Agricultural Manure Spreaders
- ✓ Lime and Fertilizer Spreaders
- ✓ Compost Spreading Systems
- ✓ Ice Control Equipment



OSANTS CAPABILITIES

- ✓ Custom Fabrication
- ✓ Global Supplier Management
- ✓ Reverse Engineering
- ✓ Production Sourcing
- ✓ Quality Management
- ✓ Logistics Coordination



MANUFACTURING EXPERTISE

- ✓ Welded Assemblies
- ✓ CNC Machining
- ✓ Laser Cutting
- ✓ Powder Coating
- ✓ Heavy Fabrication
- ✓ Precision Assembly





CUSTOM FABRICATIONS & STRUCTURAL COMPONENTS

STRUCTURAL FABRICATIONS & CUSTOM ASSEMBLIES

Precision-built structural components and custom assemblies designed for strength, durability, and dependable performance.



STRUCTURAL COMPONENTS

- ✓ Hopper Bodies
- ✓ Welded Frames
- ✓ Chassis Assemblies
- ✓ Mounting Brackets
- ✓ Reinforcement Structures



FABRICATION CAPABILITIES

- ✓ Laser Cutting
- ✓ CNC Forming
- ✓ Robotic Welding
- ✓ Heavy Fabrication
- ✓ Tube Bending



SURFACE TREATMENTS

- ✓ Powder Coating
- ✓ Galvanizing
- ✓ Stainless Steel Fabrication
- ✓ Protective Coatings
- ✓ Corrosion-Resistant Finishes



BUILT FOR SPREADER APPLICATIONS

- ✓ Heavy-Duty Designs
- ✓ Vibration-Resistant Construction
- ✓ Corrosion Protection
- ✓ Extreme Weather Durability
- ✓ Long-Term Performance





SPREADING & DISTRIBUTION COMPONENTS



SPINNER, SPREADING & DISTRIBUTION SYSTEMS

Precision-engineered components that deliver reliable spreading performance, uniform coverage, and long-term durability in the toughest conditions.



SPINNER ASSEMBLIES

- ✓ Spinner Discs
- ✓ Spinner Fins
- ✓ Spinner Motors
- ✓ Spinner Guards
- ✓ Disc Hubs



DISTRIBUTION SYSTEMS

- ✓ Material Chutes
- ✓ Deflector Systems
- ✓ Adjustable Spread Controls
- ✓ Spinner Housings
- ✓ Feed Regulators



WEAR COMPONENTS

- ✓ Replaceable Liners
- ✓ Hardened Wear Plates
- ✓ Abrasion-Resistant Guards
- ✓ Heavy-Duty Bearings
- ✓ Protective Coatings



PERFORMANCE YOU CAN RELY ON

- ✓ Uniform Material Coverage
- ✓ High-Performance Spreading
- ✓ Corrosion & Wear Resistance
- ✓ Severe Weather Durability
- ✓ Built for Continuous Operation



BUILT FOR EXTREME CONDITIONS

- ✓ Engineered for Harsh Winters
- ✓ Reliable in Any Environment
- ✓ Corrosion-Resistant Materials
- ✓ Tested for Durability
- ✓ Proven Performance





HYDRAULIC POWER & DRIVE COMPONENTS

HYDRAULIC & DRIVE SYSTEMS

High-performance hydraulic and drive solutions engineered for dependable power, precise control, and long-term durability.



HYDRAULIC SYSTEMS

- ✓ Hydraulic Cylinders
- ✓ Valve Systems
- ✓ Hydraulic Motors
- ✓ Hose Assemblies
- ✓ Manifold Blocks



DRIVE SYSTEMS

- ✓ PTO Drive Assemblies
- ✓ Gearboxes
- ✓ Couplings
- ✓ Clutches
- ✓ Drive Shafts



CONTROL COMPONENTS

- ✓ Flow Control Valves
- ✓ Pressure Systems
- ✓ Speed Controllers
- ✓ Hydraulic Power Units
- ✓ Remote Controls



QUALITY FEATURES

- ✓ Pressure Testing
- ✓ Leak Validation
- ✓ OEM Specification Compliance
- ✓ Cold-Weather Operation Testing
- ✓ Load Cycle Durability Testing





ELECTRICAL & CONTROL SYSTEMS

ELECTRICAL, CONTROL & SAFETY SYSTEMS

Integrated electrical and control solutions engineered for precision, reliability, safety, and performance in every spreading application.



ELECTRICAL SYSTEMS

- ✓ Wiring Harnesses
- ✓ Junction Boxes
- ✓ Electrical Connectors
- ✓ Lighting Systems
- ✓ Sensor Systems



CONTROL SYSTEMS

- ✓ Automated Controllers
- ✓ Cab Control Units
- ✓ Monitoring Systems
- ✓ Joystick Controls
- ✓ Spread Rate Controllers



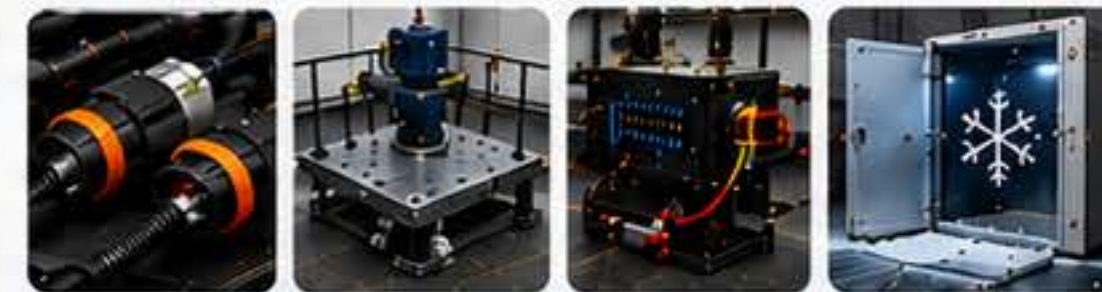
SAFETY COMPONENTS

- ✓ Warning Lighting
- ✓ Backup Alarms
- ✓ Position Sensors
- ✓ Emergency Shutoffs
- ✓ Camera Systems



QUALITY FEATURES

- ✓ Environmental Testing
- ✓ Waterproof Connectors
- ✓ Vibration Testing
- ✓ OEM Validation
- ✓ Cold-Weather Reliability Testing



OSANTS



ENGINEERED SOLUTIONS FOR SALT, SAND & MANURE SPREADER COMPONENTS & SYSTEMS

QUALITY. RELIABILITY. PERFORMANCE.

OSANTS is your trusted partner for spreader components and systems. We work with qualified manufacturers to deliver products that ensure durability, accuracy, and maximum performance in every application.



SALT



SAND



MANURE



COMPONENTS & SYSTEMS SOLUTIONS

- ✓ Spreader Control Systems
- ✓ Conveyor & Floor Systems
- ✓ Spinning Disc Systems
- ✓ Augers & Drives
- ✓ Hydraulic Systems
- ✓ Gate & Chute Systems
- ✓ 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



CONTROL SYSTEMS & ELECTRONICS



HYDRAULIC SYSTEMS & COMPONENTS



CONVEYOR, CHAIN & DRIVE SYSTEMS



SPINNER & DISC SYSTEMS



AUGERS & FLIGHTING



GATES, CHUTES & STRUCTURAL PARTS



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 spreader components & systems
- ✓ Built for extreme duty & all-season performance
- ✓ Corrosion-resistant materials
- ✓ Tested for accuracy & long service life
- ✓ Easy installation & maintenance
- ✓ Reliable global supply chain partnerships



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