

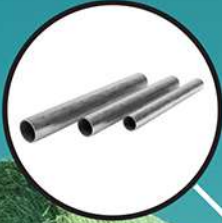
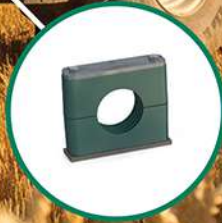


STAUFF Solutions for Agriculture Applications

Hydraulic and Fluid Power Components, Systems and Services

Product Overview

Version
09/2026



Introduction

Agricultural equipment throughout Australia and New Zealand operates in some of the world's most demanding environments. Constant exposure to dust, mud, vibration, temperature extremes and intensive operating cycles places significant demands on hydraulic systems. To maximise productivity and minimise downtime, equipment manufacturers, operators and maintenance teams rely on hydraulic solutions that deliver exceptional reliability, performance and durability.

STAUFF supports the region's agricultural industry with a comprehensive range of hydraulic components and fluid power solutions designed to maximise equipment uptime, improve safety and extend service life. Backed by decades of engineering expertise and a comprehensive global product portfolio, STAUFF delivers dependable performance across a wide range of agricultural machinery and attachments.

STAUFF supports both OEM equipment manufacturers and the aftermarket sector with locally stocked products, technical expertise and responsive customer service throughout Australia and New Zealand.

From tractors, harvesters and sprayers to loaders, balers and specialised implements, STAUFF products are engineered to withstand the pressure, vibration and contamination challenges of modern farming operations. Our solutions support critical applications including:

- Fluid conveyance and connection systems
- Filtration and contamination control
- Pipe, hose and cable clamping systems
- Hydraulic monitoring and diagnostic equipment
- Hydraulic accessories and system components

With dedicated sales, technical support and inventory across Australia and New Zealand, STAUFF combines global manufacturing excellence with responsive local service, ensuring reliable product availability, engineering support and fast delivery when it matters most.

By extending hydraulic component life and reducing fluid contamination, STAUFF solutions contribute to more sustainable equipment operation and lower lifetime maintenance requirements.

Whether for OEM machine design, machinery upgrades or maintenance and repair, STAUFF delivers engineered hydraulic solutions that keep agricultural equipment operating efficiently, season after season.

Typical Applications in Agricultural Machinery & Equipment

STAUFF products support hydraulic and fluid power systems across a broad range of agricultural machinery and attachments, including:

- Tractors & Power Units
- Combine Harvesters
- Boom & Self-Propelled Sprayers
- Seeders & Planters
- Front-End Loaders & Telehandlers
- Round & Square Balers
- Fertiliser, Lime & Manure Spreaders
- Irrigation Systems & Pumps
- Tillage Equipment (Ploughs, Cultivators & Disc Harrows)
- Trailers & Attachments

Agricultural machinery places exceptionally high demands on the corrosion resistance of hydraulic system components, including tube and hose connections, fittings and clamping systems. In addition to harsh weather and challenging operating conditions, these components are routinely exposed to aggressive substances such as fertilisers, crop protection chemicals, cleaning agents, hydraulic and engine oils, lubricants, fuels, coolants and brake fluids.

To ensure long-term durability, carbon steel components are protected by the proven STAUFF Zinc/Nickel surface coating, providing outstanding corrosion resistance even after transport, handling and assembly.

The coating delivers corrosion resistance significantly exceeding conventional zinc-plated alternatives, providing reliable protection in the harshest operating conditions while meeting current international environmental and regulatory requirements.



STAUFF Clamps

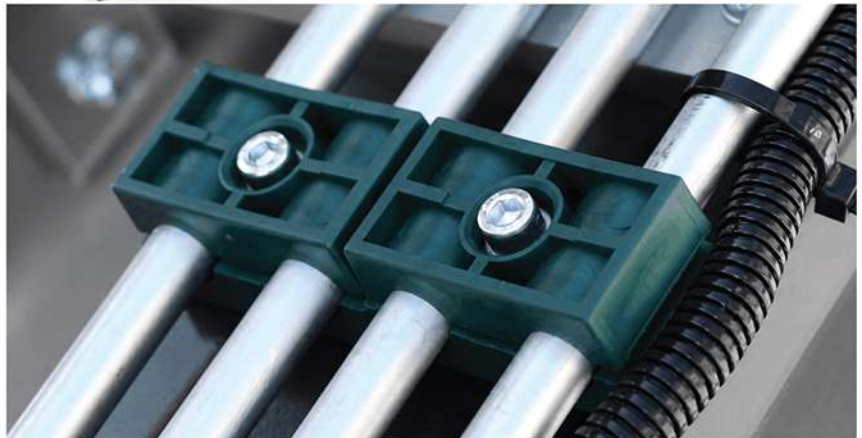
STAUFF Clamps provide secure and reliable mounting solutions for pipes, tubes, hoses and cables on agricultural machinery operating in harsh, high-vibration environments. Developed to improve system integrity and extend service life, they play a vital role in maintaining safe, efficient hydraulic performance across tractors, harvesters, sprayers, loaders and a wide range of agricultural attachments.

Key Advantages of STAUFF Clamps

- Vibration and Noise Reduction**
 Reduces vibration impact and noise, protecting hydraulic lines and extending the service life of connected components.
- Enhanced System Reliability**
 Provides secure mounting to minimise wear, fatigue and the risk of component failure under demanding operating conditions.
- Corrosion and Environmental Resistance**
 Optimised for exposure to dust, moisture, fertilisers, chemicals and extreme weather conditions.
- Efficient Installation and Maintenance**
 Modular design enables fast installation, simplified servicing and reduced equipment downtime.



Scan the QR code to visit the Product Group page and learn more.



STAUFF Test

STAUFF test couplings and hoses enable safe and efficient monitoring and diagnostics of hydraulic systems in agricultural machinery. Designed for leak-free pressure testing and fluid sampling, they provide fast, secure connection under pressure, supporting preventative maintenance and minimising downtime across tractors, harvesters and agricultural attachments operating in demanding environments.

Key Advantages of STAUFF Test Solutions

- Leak-Free System Monitoring**
 Enables safe pressure measurement and fluid sampling without shutting down the hydraulic system or causing fluid loss.
- Reduced Downtime**
 Provides fast, on-demand access for pressure testing, diagnostics, troubleshooting and servicing in the field.
- Improved Safety**
 Helps minimise operator exposure to high-pressure hydraulic fluids during testing and maintenance procedures.
- Enhanced Equipment Reliability**
 Supports preventative maintenance through routine system monitoring and early fault detection.



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STAUFF Quick Release Couplings

STAUFF quick release couplings enable fast, safe connection and disconnection of hydraulic lines across agricultural machinery and attachments. Designed in accordance with internationally recognised standards including ISO 7241 and ISO 5675, they support reliable fluid transfer in tractors, front-end loaders and implements while minimising downtime and ensuring compatibility across a wide range of hydraulic systems.

Key Advantages of STAUFF Quick Release Couplings

- Fast Connection & Disconnection**
 Enables rapid changeover of attachments and implements, improving operational efficiency and reducing downtime in the field.
- Compliance with Industry Standards**
 Designed to ISO 7241-1 A (ISO-A) and ISO 7241-1 B (ISO-B), with ISO-A widely used in agricultural applications and compatible with ISO 5675 requirements.
- Interchangeability & Compatibility**
 Standardised dimensions ensure compatibility with existing agricultural machinery, attachments and hydraulic systems.
- Robust Performance in Harsh Environments**
 Built to deliver reliable operation under high operating pressures, contamination, vibration and environmental exposure commonly encountered in agricultural applications.



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STAUFF Hose & Connectors

STAUFF hose assemblies and hose connectors deliver reliable fluid transfer solutions for agricultural machinery operating under high pressure, constant movement and harsh environmental conditions. Engineered for durability, safety and performance, they provide secure, leak-free connections and ensure consistent hydraulic operation across tractors, harvesters and agricultural attachments.

Key Advantages of STAUFF Hose Assemblies & Connectors

- High-Pressure Performance & Reliability**
 Designed to withstand demanding hydraulic pressures, dynamic loads and continuous operation in agricultural machinery.
- Secure, Leak-Free Connections**
 Precision-engineered fittings help minimise the risk of fluid loss, contamination and hydraulic system failure.
- Durability in Harsh Environments**
 Built to resist abrasion, vibration, temperature extremes, dust and moisture commonly encountered in agricultural applications.
- Flexible System Integration**
 Available in a wide range of hose types, fittings and configurations to suit OEM equipment, machinery upgrades and maintenance applications.



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STAUFF Tube

STAUFF seamless precision hydraulic tubes provide robust, high-performance solutions for fluid conveyance in agricultural machinery. Available in metric and imperial sizes and in both carbon steel and stainless steel, STAUFF tube and connector systems deliver reliable, leak-free hydraulic performance, supporting the design and operation of durable, high-pressure equipment in demanding agricultural environments.

Key Advantages of STAUFF Tube & Connector Systems

- **High Strength & Pressure Capability**
Seamless precision tubes combined with engineered connectors deliver reliable performance in high-pressure hydraulic systems operating under demanding conditions.
- **Leak-Free, Weldless Connections**
Proven fitting systems, including cutting ring, flared and formed tube connections, provide secure, maintenance-free sealing without the need for welding.
- **Material & Size Flexibility** Available in carbon steel and stainless steel, covering a comprehensive range of metric and imperial tube sizes to suit a wide variety of agricultural machinery.
- **Corrosion Resistance & Longevity** Advanced STAUFF Zinc/Nickel surface coating and stainless steel options provide long-term protection against corrosion in harsh outdoor and chemically aggressive agricultural environments.



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STAUFF Connect

STAUFF Connect metric tube fittings, connectors and adaptors provide a complete, high-performance solution for hydraulic tube systems in agricultural machinery. Engineered to internationally recognised standards including ISO 8434-1 and DIN 2353, and complemented by the expanding STAUFF adaptor range, they deliver leak-free performance, maintain system integrity and provide flexible integration across demanding agricultural and mobile applications.

Key Advantages of STAUFF Connect Metric Systems

- **Comprehensive System Solution** Includes metric tube fittings, connectors and the expanding STAUFF adaptor range, enabling complete hydraulic system design and seamless integration across agricultural machinery.
- **Proven Leak-Free Connection Technology**
24° cutting ring fittings, taper fittings with O-ring, weld cones and 37° flared fittings provide reliable, maintenance-free sealing for high-pressure hydraulic systems.
- **Flexible Integration with Adaptors Range**
STAUFF adaptors enable simple connection between different thread types, components and hydraulic systems, supporting OEM design, machinery upgrades and maintenance.
- **High Strength & Corrosion Resistance**
Available in carbon steel with advanced STAUFF Zinc/Nickel surface coating or stainless steel, ensuring long-term durability in harsh agricultural environments.



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STAUFF Flanges

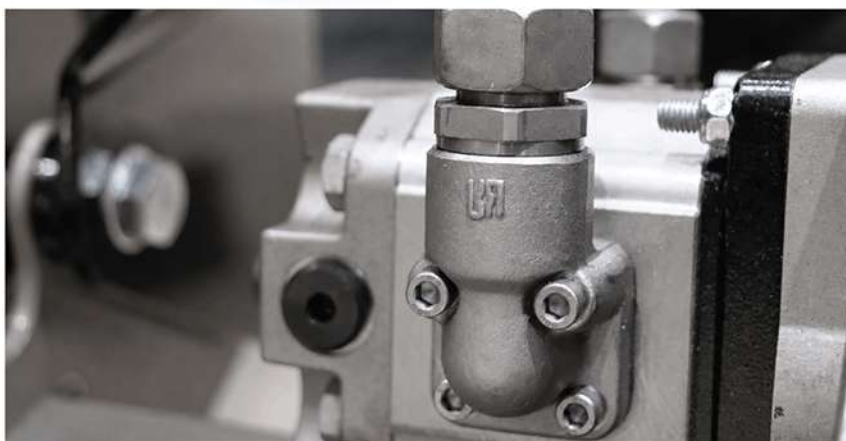
STAUFF SAE flanges provide robust, high-pressure connection solutions for hydraulic systems used in agricultural machinery. Designed in accordance with internationally recognised standards including SAE J518 and ISO 6162, they offer a reliable alternative to traditional tube fittings, particularly in high-pressure and large-diameter applications where strength, safety and performance are critical.

Key Advantages of STAUFF SAE Flanges

- High Pressure Capability**
 Engineered for demanding hydraulic systems, supporting significantly higher operating pressures than standard tube fittings in many applications.
- Secure, Leak-Free Connections**
 The O-ring face seal design provides reliable, consistent sealing performance in high-pressure, high-load agricultural environments.
- Ideal for Large-Diameter Systems**
 Well suited to larger tube and pipe sizes, as well as heavy-duty hydraulic applications where pressure, reliability and ease of maintenance are essential.
- Simplified Installation & Maintenance**
 Flanged connections simplify assembly, alignment and servicing while reducing maintenance time compared with threaded alternatives.



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STAUFF Valves

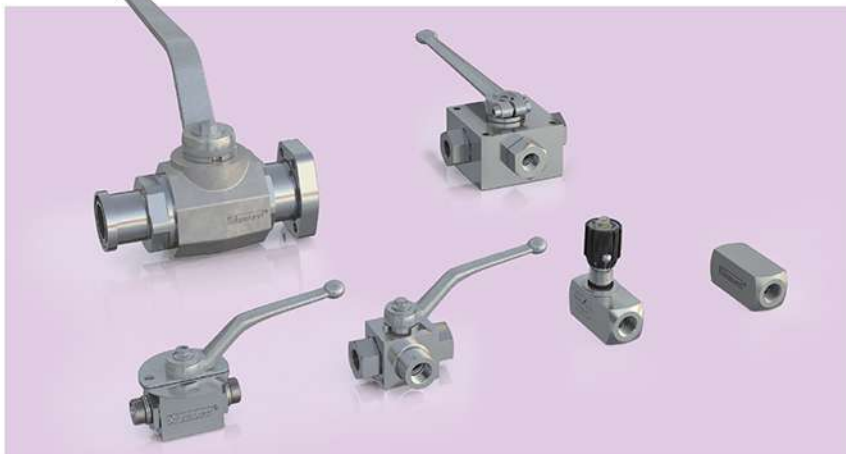
STAUFF valves provide reliable control, isolation and regulation of fluid flow in hydraulic systems used across agricultural machinery. Designed for durability and consistent performance, they support safe and efficient operation in demanding environments, ensuring precise control of hydraulic functions across tractors, harvesters and agricultural attachments.

Key Advantages of STAUFF Valves

- Reliable Flow Control & Isolation**
 Provides accurate regulation, throttling and shut-off of hydraulic fluid within system circuits, ensuring precise control and reliable system operation.
- Robust Design for Harsh Environments**
 Engineered to withstand pressure fluctuations, vibration and environmental exposure commonly encountered in agricultural applications.
- Versatile Configurations & Connection Options**
 Available in a wide range of sizes, port configurations, connection types and materials to suit diverse agricultural machinery requirements.
- Enhanced System Safety & Efficiency**
 Supports controlled hydraulic operation, helping protect system components, improve efficiency and enhance overall equipment reliability.



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STAUFF Hydraulic Accessories

STAUFF hydraulic accessories support the efficient operation and protection of hydraulic systems in agricultural machinery. Designed for use in tanks, reservoirs and power units, these components help maintain fluid condition, optimise system performance and enhance operational reliability across tractors, harvesters and agricultural attachments operating in demanding environments.

Key Advantages of STAUFF Hydraulic Accessories

- Enhanced System Protection**
 Components such as tank breathers, filters and strainers help prevent contamination, extending hydraulic system life and improving overall reliability.
- Improved Fluid Management**
 Level and temperature indicators provide clear, accurate monitoring of hydraulic fluid condition, supporting safer and more efficient operation.
- Durability in Harsh Environments**
 Developed to provide reliable performance despite exposure to dust, moisture and temperature extremes commonly encountered in agricultural applications.
- Optimised System Performance**
 Supports consistent hydraulic efficiency by maintaining clean fluid, stable operating temperatures and reliable system performance.



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STAUFF Accumulators

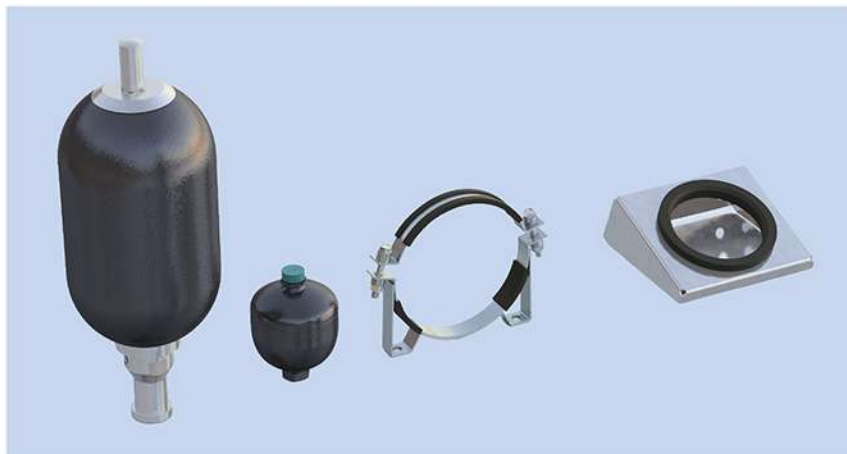
STAUFF hydraulic accumulators are designed to store hydraulic energy, stabilise system pressure and enhance the performance of hydraulic systems in agricultural machinery. Supporting efficient and reliable operation, they help absorb shock loads, reduce pressure pulsations and provide emergency backup energy for demanding applications across tractors, harvesters and agricultural attachments.

Key Advantages of STAUFF Accumulators

- Energy Storage & Backup Capability**
 Stores hydraulic energy to support peak system demand and provide emergency operation during temporary power or system interruptions.
- Shock & Vibration Absorption**
 Reduces pressure spikes, dampens pulsations and helps protect hydraulic components from shock-related damage and premature wear.
- Improved System Efficiency**
 Helps maintain consistent system pressure, improving hydraulic efficiency and optimising overall circuit performance.
- Compact & Versatile Design**
 Available in a wide range of sizes, configurations and accumulator types to suit diverse agricultural machinery and hydraulic applications.



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STAUFF Filtration

STAUFF pressure and return line filtration solutions, combined with GreenOil® offline filter units, provide advanced protection for hydraulic systems in agricultural machinery by effectively removing contamination and maintaining fluid cleanliness. Designed for installation in high-pressure, return line and dedicated offline circuits, these solutions support reliable system operation, extend component life and ensure consistent performance in demanding field applications across the agricultural sector.

Key Advantages of STAUFF Filtration Systems

- **Effective Contamination Control** Removes particles and contaminants from hydraulic fluid across pressure, return line and offline filtration systems, protecting critical hydraulic components from wear and damage.
- **Extended Component Life** Reduces premature wear of pumps, valves and cylinders by maintaining optimum fluid cleanliness, helping to extend overall system service life.
- **Enhanced Filtration with GreenOil® Offline Units** Dedicated offline filtration continuously cleans hydraulic oil independently of machine operation, improving oil condition and extending fluid service intervals.
- **Reliable Performance in Harsh Environments** Built to deliver reliable operation under high operating pressures and the contamination challenges commonly encountered in agricultural applications.
- **Improved System Efficiency & Uptime** Supports consistent hydraulic performance, reducing maintenance requirements, minimising downtime and improving overall equipment reliability.



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STAUFF Diagtronics

STAUFF Diagtronics provides advanced monitoring and diagnostic solutions for hydraulic systems in agricultural machinery. Designed to measure key operating parameters including pressure, temperature, flow and contamination, these systems enable accurate performance analysis, support preventative maintenance and improve equipment reliability across tractors, harvesters and agricultural attachments operating in demanding environments.

Key Advantages of STAUFF Diagtronics

- **Comprehensive System Monitoring** Measures critical hydraulic parameters including pressure, temperature, flow and fluid condition, providing complete visibility of system performance.
- **Accurate Diagnostics & Fault Detection** Supports rapid identification of system faults, helping prevent failures, minimise downtime and improve equipment reliability.
- **Improved Maintenance Efficiency** Facilitates preventative maintenance through routine system monitoring, performance validation and early fault detection.
- **Portable & Versatile Solutions** Available as handheld testers, gauges and complete diagnostic systems for both field and workshop applications.



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