



AGRICULTURE INDUSTRY

From field to fork, agriculture depends on robust reliable equipment powered by advanced hydraulic systems. Whether managing harvest, irrigation, or livestock care, these hydraulic components must withstand intense pressure and harsh conditions. Brennan's high quality fittings and protective accessories combat corrosion, safe guard hoses and operators, keep equipment running.. By understanding the unique challenges of modern agriculture, we deliver the right solutions to support safe, efficient, and continuous operations across the supply chain.

CHALLENGES



EQUIPMENT DOWNTIME



CORROSIVE ENVIRONMENTS



WEATHER EXPOSURE



KEY APPLICATIONS

FIELD MACHINERY

COMBINE HARVESTER: Cutting, separating, and cleaning grain crops continuously, these machines face constant movement, debris, and vibration that wear down hydraulic hoses, increasing the risk of leaks and premature failure.

AGRICULTURAL SPRAYER: Hydraulic systems are used to efficiently apply pesticides, herbicides, or fertilizers across large crop areas, but exposure to moisture, chemicals, and mechanical stress increases the risk of corrosion, wear, and equipment failure.

BARN & LIVESTOCK

CATTLE CHUTES: Large machines safely guide and restrain cattle during tasks like vaccinations and loading, but constant vibration, rapid movement, and high-impact forces strain hydraulic systems, increasing the risk of leaks and failures

TELEHANDLER: Combining forklift and crane functions, this equipment lifts heavy loads in agriculture, safely transporting cattle and handling large hay bales, putting constant demand on hydraulic systems that must perform reliably under heavy use.

KEY SOLUTIONS

When it comes to agriculture, reliability and durability are critical to keep operations moving from field to fork. Farmers and equipment operators depend on strong hydraulic components, corrosion-resistant fittings, and protective hose accessories designed to withstand harsh environments and constant use. Brennan provides trusted solutions that enhance system performance, reduce costly downtime, and ensure smooth, efficient operation across all agricultural applications. Our components are built to perform reliably in tough field conditions, helping you stay productive and in control at all times.

BRENNAN ADVANTAGE

CORROSION DEFENSE: Brennan offers various plating solutions which protects our components from rust and chemical damage that are commonly found in agricultural environments.

- Zinc-nickel and other protective coatings resist corrosion
- Tested to withstand exposure to urea and manure
- Helps extend equipment life and reduce downtime

RELIABLE TRACEABILITY: Brennan components feature a stamped logo and batch code for full life cycle traceability, from raw material to finished product.

- Links parts to their production batches for full traceability
- Enables precise tracking, quarantine, and recall if a flaw is identified
- Quick delivery of new and custom components

THREAD IDENTIFICATION SOLUTIONS: Thread identification tools make it easy to identify hydraulic and pneumatic fittings quickly and accurately in the field.

- Thread ID Kits include thread gauges for measuring size, pitch, and angle
- Guides & Visual Tools help identify thread types and provide real-world measurement tips
- Online resources include videos, guides, and tools that show how to use Thread-ID products in real-world applications

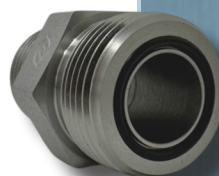
TAILORED FITTING SOLUTIONS: Agricultural equipment can have all sorts of unique configurations, in those situations our engineered specials team can work with you to create the exact connection to fit your needs.

- Wide range of sizes, materials, and coatings
- Custom-engineered solutions for precise fit
- CAD files available for design integration



HOSE PROTECTION PRODUCTS

Brennan's RHINO product lines offers various solution for hose and operator protection in harsh environments including, Spiral Guards, Hose Protectors, Hose Burst Safety Sleeves, and Rhino Wrap products.



O-RING FACE SEAL FITTINGS

These components use a flat sealing surface with an embedded O-ring to create a secure, leak-free hydraulic connection that stands up to the harsh field conditions in the agriculture industry.



TEST POINT FITTINGS

Allow for quick, safe pressure checks and diagnostics, helping keep equipment like tractors and harvesters running smoothly in the field.



THREAD IDENTIFICATION KITS

Agricultural machinery can have many different styles of connections. These kits help simplify the process of identifying BSP/Metric/NPT/UN fitting sizes in both male and female configurations.



FOR MORE INFORMATION VISIT BRENNANINC.COM OR CALL 1 (800) 331-1523