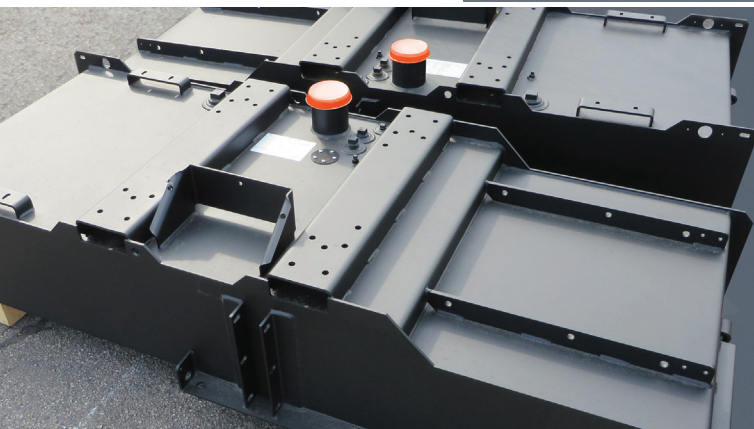




UNITED ALLOY, INC.

Hydraulic Reservoirs and Complete Group Assemblies

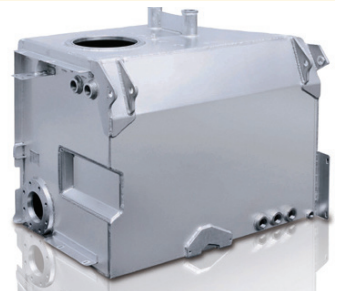
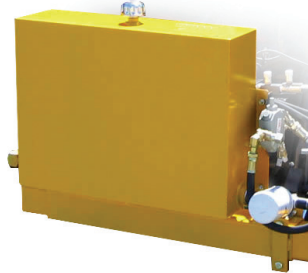


- Leak Proof Proven Performance
- Internal Cleanliness Meeting the Most Stringent Requirements
- Tank Engineering Expertise
- Precision Metal Fabricated Components
- Component Part Group Assembly
- ISO Certified Quality Systems
- On-Site Validation Test Lab
- On-Time, Every Time

Made in  ISO 9001:2008

Structural Integrity, On-Time, Every Time

For more than a decade, UAI has designed, manufactured and supplied hydraulic tanks, complete assemblies and accessories for the most demanding and widespread applications to a remarkably broad range of industries. In concert with our customers, our dedicated team of qualified “solutioneers” have designed tanks for standard applications as well as customized serial production techniques to meet the most exacting client needs and performance specifications. We work closely with all companies to provide top quality, high performance products that can be manufactured efficiently insuring the highest customer value.



Industries supplied to:

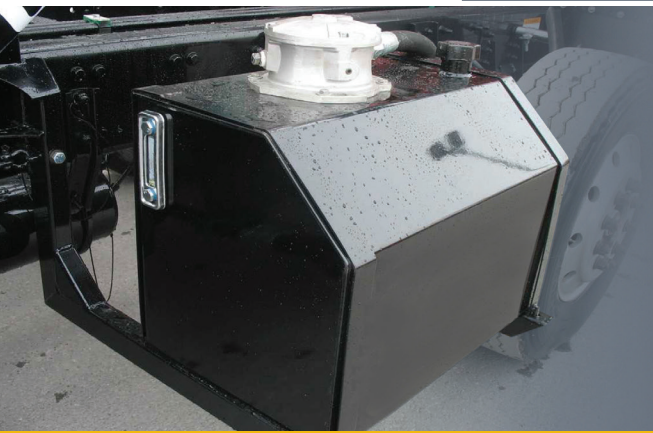
Construction
Agriculture
Mobile
Industrial

Customer focused services

- Custom, full service tank designs or cooperative engineering and development
- ISO 9001:2008 certified for assured product quality
- Complete manufacturing of existing tank designs in addition to collaborating with clients to meet their unique or specific tank requirements
- Cost-effective future designs
- Precision metal fabrication
- Leak tests 3-5psi or as required
- Powder coat finish provides maximum finish durability and corrosion protection
- Detailed high level component group assembly
- Gravimetric validated cleaning process and max particle size identification
- ISO level particle count ‘receipts’ available upon request: Standard 18/16/13.
- Experts in ISO4405, ISO4406 and ISO4407

For complete information and details on contract fabrication, call us directly at 608.758.4717 or email us at rfq@unitedalloy.com and we will be happy to fulfill your needs.

Leak-Proof Hydraulic Reservoirs



“United Alloy provides extensive engineering expertise in the design and world class manufacture of leak-proof reservoirs that meet the most stringent internal tank cleanliness requirements the industry demands.”

Engineered Solutions

Engineering Expertise

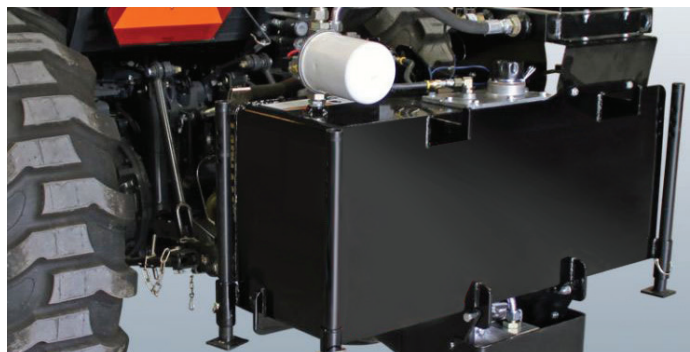
Hydraulic Reservoirs require extensive engineering expertise to ensure product performance that meets or exceeds the requirements of the hydraulic system. These

reservoirs should be optimized in size for proper fluid conditioning to ensure specific duty cycle and machine operations are satisfied. The “solutioneers” at UAI have the experience

to provide these engineered solutions along with design validation tools such as Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD) to ensure an optimized, cost effective design.

Engineering Focused Services:

- Tank sizing
- Utilize working space
- Structurally sound design
- Design to minimize leak points
- Design to obtain optimal internal cleanliness
- Performance accessories for ‘security’ to the pump



Unique tank design

Unique tank design and installation benefit from extensive UAI engineering support to ensure superior performance as well as system strength and integrity validation through product-duty lifecycle.



Custom fit mounting configurations

Engineered designs customized to fit unique customer mounting configurations. Additional customer requested performance accessories and an access cover are available, if required.

Moving you forward

As technology advances and customer expectations continue to grow, the UAI of tomorrow is bound to change. Only one thing will remain constant: a rock solid commitment to integrity, product performance and service to our valued customers.

Whatever new challenges face the agricultural, construction and heavy equipment component manufacturers, UAI will be on the job providing expert service, technical support and products that industry professionals can trust.

