

Towbars | Towbar Heads



Business Aviation, GA and Rotorcraft Multi-Head Towbars

AERO Specialties is best known for our line of business aviation towbars and heads. These hand-built towbars come standard with a proprietary elastomeric lunette cushioning system that provides smooth and gradual resistance during push or pull operations. While other manufacturers' shock absorption systems require periodic internal maintenance, our specialized lunette system is 100 percent maintenance-free and won't degrade over time. The TB125 and JX

series also feature our "DropThru" linear shear protection on the hitch lunette end, to help save you from embarrassing and expensive incidents on the ramp. This system allows the operator to change out a broken shear pin in seconds, without tools, and get back on the job. Only the highest quality of raw materials goes into our products. Towbars are either aerospace grade aluminum or mandrel rolled steel and are powder coated for added durability.

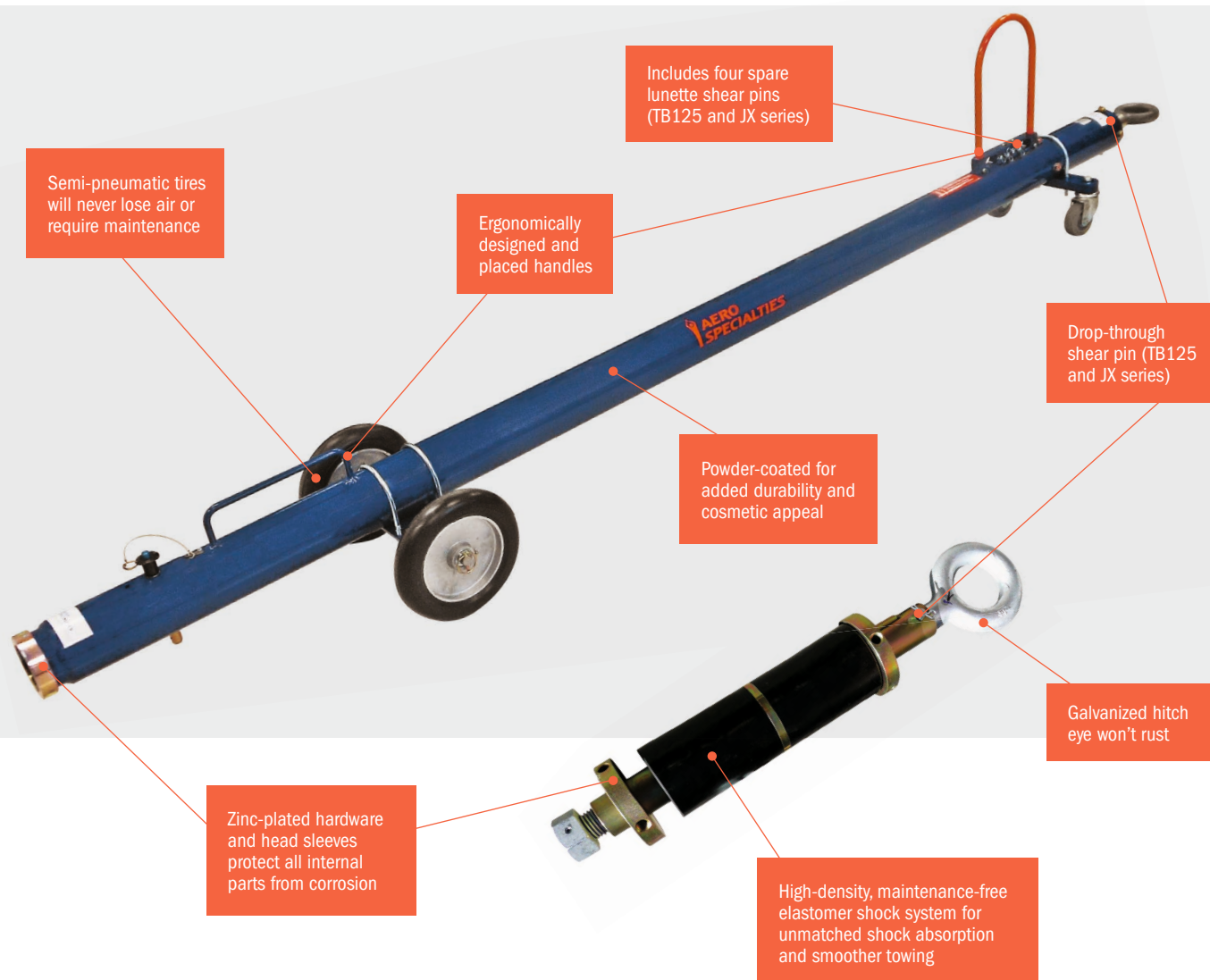
AERO manufactures the lightest weight multi-head towbars on the market.

When you purchase an AERO Specialties product you've bought the best service and support in the industry.

Complete operation and maintenance manuals are provided with each product.

Replacement parts are always low in price and kept in stock.

Towbars and heads have clear, concise labels made of chemical- and weather-resistant materials.



Business Aviation, GA and Rotorcraft Towbar Heads

AERO has thousands of towbar heads in use around the globe. As with our other products, our towbar heads are overbuilt and industrial-grade. While other manufacturers use steel aircraft engagement pins or securing latches that can rust or corrode over time, AERO uses only stainless steel pins to ensure that no rust or corrosion jeopardize the product, personnel or the aircraft.

All heads are powder coated for added durability and cosmetic appeal. Additionally, we use the tried-and-true traditional ball-lock pin system to secure the aircraft engagement pins in place. There is no safer system to provide a “positive” lock upon the nose gear. For additional security, this pin stays connected to the head with a lanyard and stainless steel hardware.

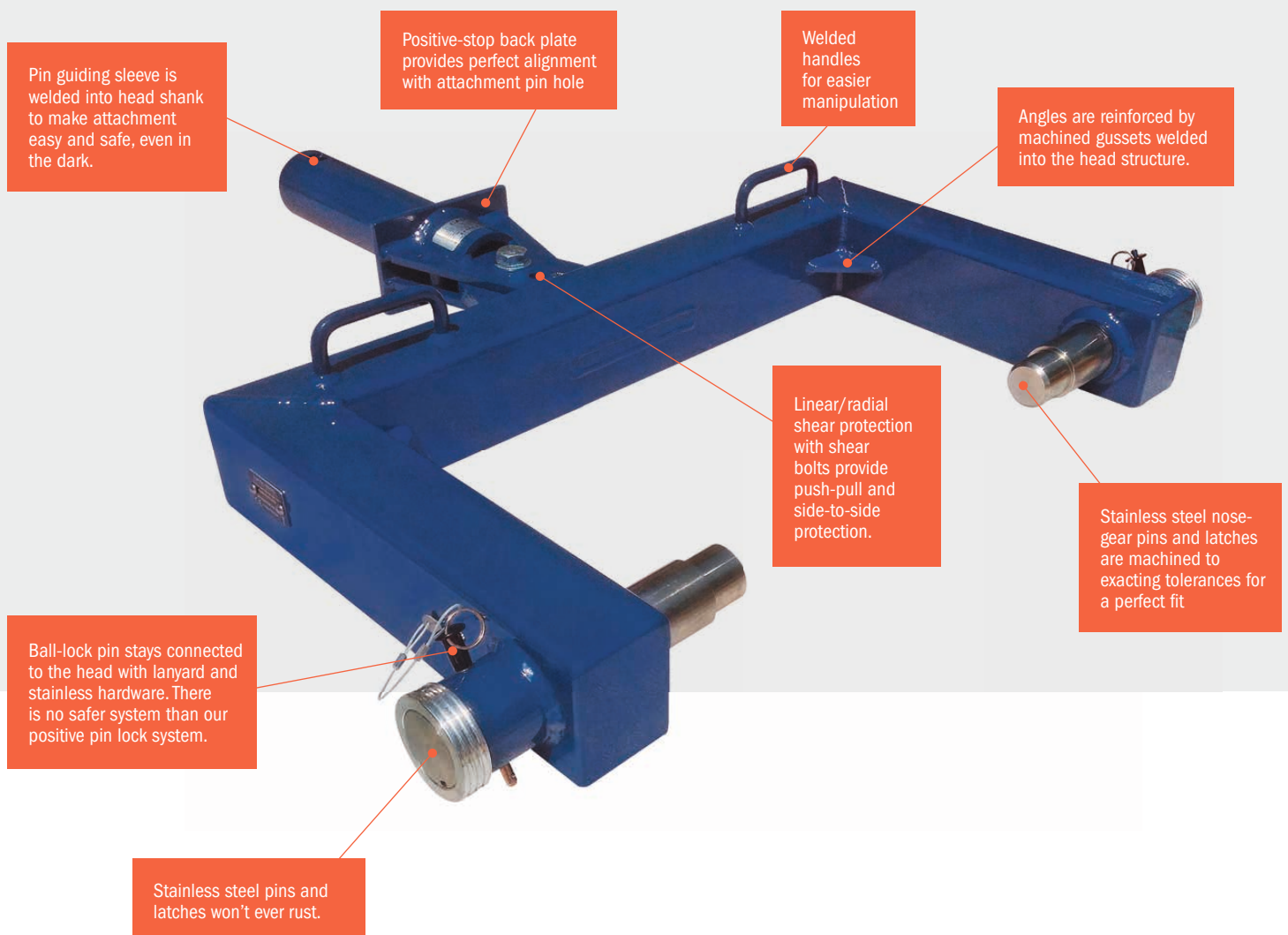
Our heads are significantly over-built, providing an unequalled level of safety.

Part numbers and CE marks are clearly engraved on all heads.

Two spare shear bolts included with all heads.

Stainless steel engagement pins, latches and hardware ensure corrosion resistance.

Our heads are designed to precise OEM nose gear specs and fabricated with the latest CNC and machining technology



Regional Airline and Military Towbars

Our regional airline and military “Rx” series towbars are by far the most durable and longest lasting towbars available on the market. The Rx bars have set the industry standard for quality, durability and a very high factor of safety. The towbar is constructed of high strength steel with a physically viewable lunette and elastomeric shock absorption system (for easy daily inspection and a smoother pushback). These

bars come standard with a heavy duty running gear and integrated (single system) pump, ram and hydraulic reservoir for reliability through limited componentry. The Rx towbars systems include the aircraft attaching head, which features shear protection as well as stainless steel pins and locking mechanisms to ensure no rust or corrosion could jeopardize the safety of the personnel or aircraft.

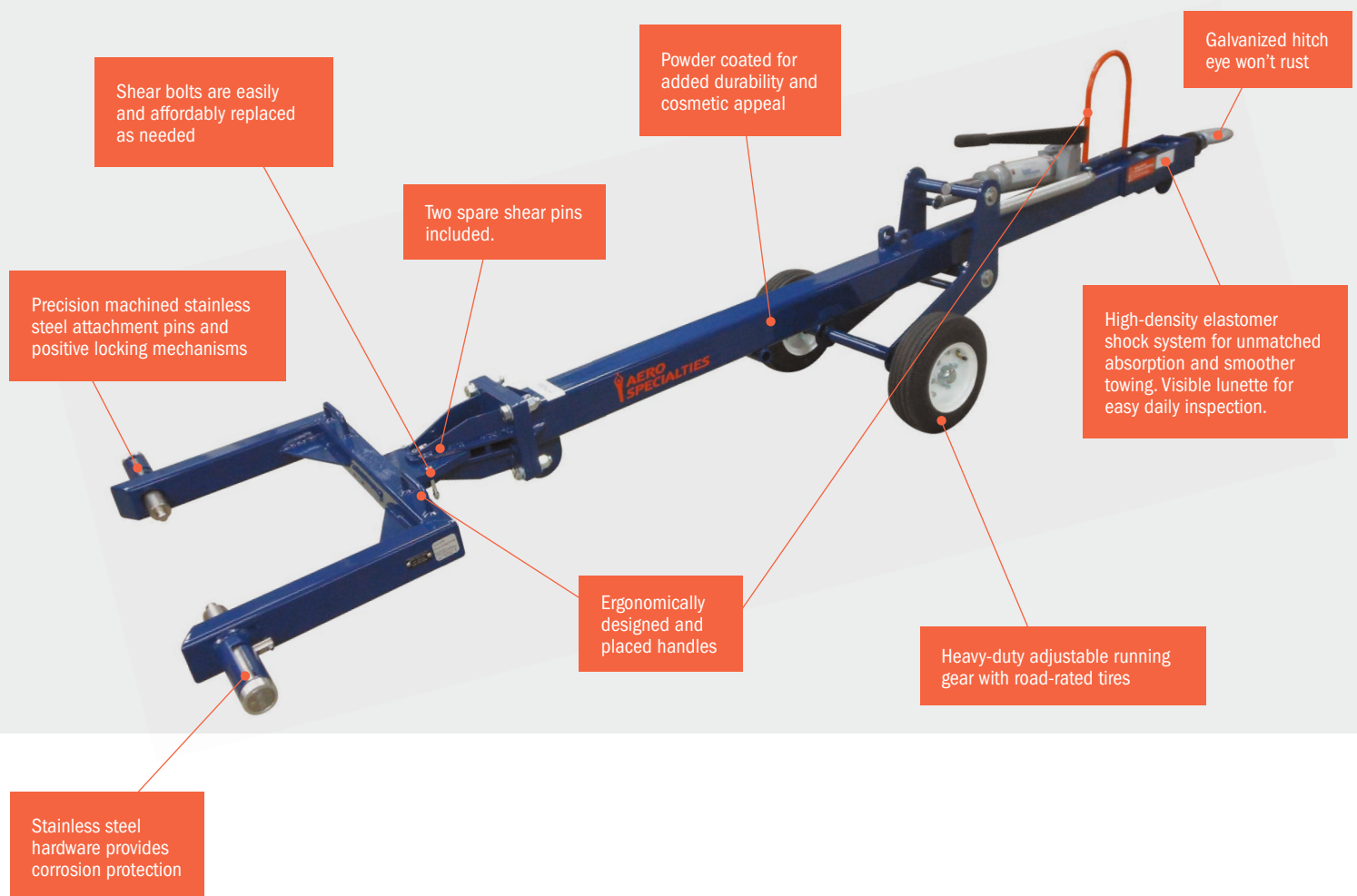
Towbars adhere to CE, SAE and IATA AHM standards.

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Narrow-Body Airline, Wide-Body Airline and Military Towbars

Supplying commercial aircraft towbars to airlines, ground handlers and freight carriers around the world is something AERO is well known for. From the full range of narrow-body to wide-body airframes, we have you covered. As with our regional aircraft towbars, these units come standard with a heavy duty running gear and integrated (single system) pump, ram and hydraulic reservoir

for reliability through limited componentry. Airline towbars come standard with the aircraft attaching head (which features shear protection) and are constructed of stainless steel or zinc plated steel. All heads include positive locking mechanisms to secure the head to the aircraft nose gear to ensure no separation during towing.

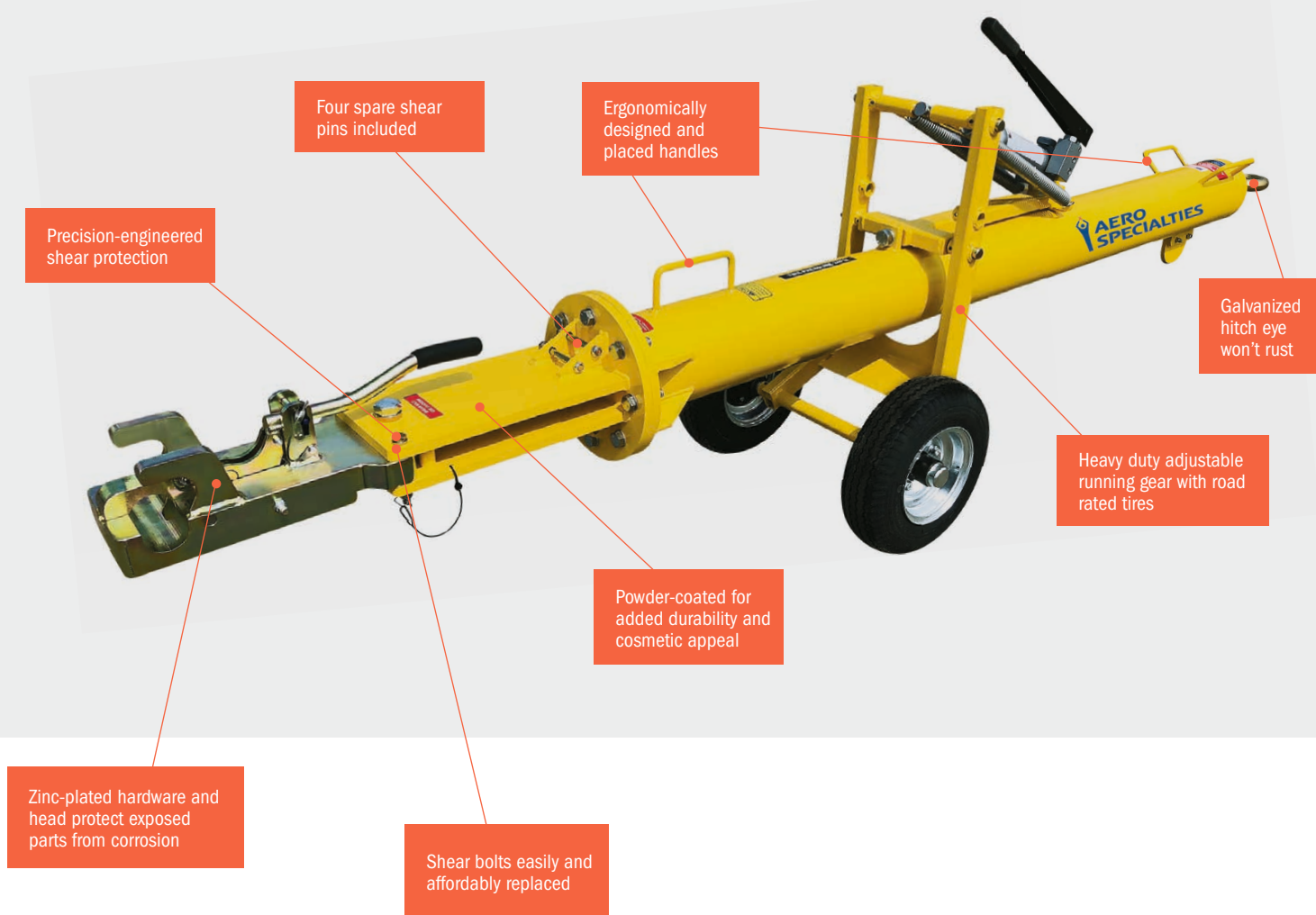
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Why buy from AERO?

Let us break it down for you:

AERO has more than 30 years' experience in the design and manufacturing of ground support equipment and is the leader in supplying the highest-quality and most cost effective towbars and heads available. All towbars and heads are significantly over-built, providing a factor of safety no other competitor can equal. For this reason, AERO Specialties is the choice of more FBO chains, ground handlers, airlines and military customers around the globe.

Over a period of three decades, AERO has built a loyal customer base of more than 21,000 clients globally. AERO manufactures and

distributes the highest quality industrial-grade aircraft GSE on the market and provides complete aircraft ground support equipment solutions to corporate, FBO, MRO, military, airline and general aviation customers. AERO's offerings include towbars and heads, oxygen and nitrogen systems, lavatory and potable water carts, ground power units (GPUs), stairs and stands, tractors and tugs, hydraulic service systems, air conditioning and heating systems, loaders, ramp safety equipment and more.

■ Aviation Safety Equipment

Our line of Aviation Safety Equipment (ASE) is designed to make common aircraft servicing mishaps a thing of the past.

Getting the aircraft off the ground is always the goal, but doing so should never compromise your staff, customers or the aircraft. That's why AERO Specialties has incorporated new safety features into most of our aircraft ground support equipment. Towing, ground power, lavatory service or any other servicing sector—we are dedicated to helping protect your staff, customers and your bottom line.

We are constantly expanding the ASE initiative into all aspects of business to make our equipment the safest choice for your aircraft operation. New product developments such as SiPsHitch™ and Safe-Lav™ have already revolutionized the industry and you can count on AERO to continue to provide only the safest and most user friendly equipment available.



■ Tow Force Monitoring System

Distractions, unfamiliarity and lack of proper training are just a few things that can lead to expensive aircraft towing incidents. SiPsHitch™ is an add-on option for all makes of towbar type tractors and affords never-before-seen levels of protection and training for towing operations.

SiPsHitch™ is designed to assist in the prevention of shear pin breakage and aircraft nose gear damage that often occurs during towing. It visually and audibly alerts the operator of potential shear pin breakage or impending hazard to the landing gear BEFORE it happens. The system records aircraft tail numbers, aircraft movement details and stress event logs; it can even restrict tractor power output prior to overstress and damage to the aircraft nose gear.



■ JetGo Diesel-Hybrid GPUs

JetGo precision diesel-hybrid GPUs offer impressive continuous and peak power in addition to sophisticated aircraft protection and voltage adjustment systems. Their light weight and compact size allow for easy mobility, via tug or by hand.

Applications include quick and cool engine starts, avionics support, electrical air conditioning and aircraft maintenance functions. With fuel and maintenance savings over 40 percent when compared to the competitor's units, these user-friendly GPUs are the affordable answer to your DC power requirements.



Need more GSE? Let AERO help you.

■ Oxygen and Nitrogen Systems

Our oxygen and nitrogen systems provide the best value, quality and durability in the industry. We offer complete systems or individual components.



■ Lavatory and Water Carts

Business and regional aircraft, narrow-body and wide-body; we cover it all. We manufacture the finest lav and water carts on the planet. Our units are cost-effective, simple to use, and easy to maintain.



■ Hydraulic Power Units

Higher-quality, quieter and more efficient than the competition's units, these HPU's are setting a new standard for hydraulic servicing. AERO custom-builds each unit specifically for the application.



■ Solid State GPUs

AERO Specialties' new line of solid state power units have set the precedent for safety, precision, reliability and ease of use. Units are available in both 28.5V DC and 400Hz configurations.



■ Portable Power Units

AERO Specialties' line of portable aircraft starting units and continuous power units offer an affordable, durable and dependable solution for 12 to 28.5V DC aircraft and helicopter power requirements.



■ Secure Online Store

Our online store provides a user-friendly interface for ordering a wide range of parts and supplies, from towbar heads to ramp safety equipment.



■ Maintenance Stairs and Stands

Our stands tower over the competition! AERO Specialties offers a wide array of stairs and stands for any application, from passenger boarding and crew access to customized maintenance applications.



■ TLD Ground Support Equipment

With over sixty years in the business, TLD is the global leader in design, development, manufacturing and after sales support of ground support equipment. TLD is found on all major airline tarmacs and within high priority military operations. AERO is proud to be the primary general aviation and military distributor for TLD equipment.

