

Spencer Industries, Inc.

50 Years of Engineering Excellence

Lightweight Aircraft Tiedown



Innovative Tiedown



The mission of Spencer Industries:

is to design, produce and sustain Handling and Support Equipment for the US Department of Defense and other government and commercial customers, based on our ability to manufacture high quality products, deliver on-time to our customers' requirements, and maintain lowest possible pricing through cost effective operations.

The values of Spencer Industries:

center on a skilled and motivated workforce dedicated to supporting our mission and ensuring products of the highest quality. We deliver uncompromising value to our customers by maintaining dependable domestic sources of materials, ongoing enhancement of our facilities, processes, equipment and maintaining a workforce comprised of the most talented and qualified personnel.

Core Competencies:

... in Technology:

ArmorGalv thermal diffusion coating, Acme thread/gear systems, high strength materials utilization

... in R&D:

High strength/flame retardant webbing, lightweight chain and fittings, webbing and chain release and capture mechanisms

... in Manufacturing:

Skilled manual fabrication through automated assembly processes.

...ISO 9001:2008 since 2006

CAGE Code 21530

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Scope of Spencer Services:

Spencer Industries can provide the full range of product development, manufacturing and sustainment required for specialty handling and support equipment.

Engineering capabilities extend from concept design, preliminary and final design, product functional and environmental testing, and design documentation.

Manufacturing capabilities include modeling, prototyping, CNC machining, lathe turning, fixturing, assembly, finishing including ArmorGalv coating per ASTM A1059, marking, systems integration, testing, and packaging.

Sustainment capabilities center on the ability to quickly repair and re-deliver repairable items damaged in field service.

Spencer Product Range and Applications:

Product Range - Tiedowns, lashings, slings, wire rope assemblies and other handling equipment.

Applications - Current and proposed future applications of tiedown devices manufactured by Spencer Industries include lashings for aviation, vehicular cargo and cargo containers.

Representative Products and Customers:

Representative Projects –

- ONR S&T development project for Intra-Connector Material Handling Automated Tie-Down
- NAVAIR SBIR Project (Phase II) for Lightweight Aircraft Tie-Down
- US Marine Corps SBIR (Phase II) for Innovative Cargo Tie Down
- Guy Wire Rope Tensioner
- Parachutist Emergency Recovery System for Airbus Industries
- NAVSEA Project for development of Lightweight Non-Corroding Tie Downs.

Governmental Customers - US Department of Defense - Defense Logistics Agency, US Air Force, US Army, US Navy (NAVAIR, NAVSEA, NAVICP), US Marine Corps, US Coast Guard.

Commercial Customers - The Raytheon Company, Boeing Corporation, Breeze Eastern Corporation, SAIC

History and Description of Spencer Services:

As a small business with approximately 20 employees, Spencer Industries has served for over 50 years as manufacturer and supplier of assemblies and components to the US Armed Forces and the DoD Supply Chain, including Defense Supply Center (DSC) Richmond, DSC Columbus and DSC Philadelphia. Spencer Industries has two locations, in Belleville, NJ and Scranton, PA. Spencer Industries has been approved by DoD for the manufacture of approximately 2,500 military stock numbers, including wire rope, lifting slings, cargo restraints and tiedown assemblies. Spencer's commitment to customer support and product quality is exemplified by its 92% record of on-time deliveries and 100% quality record for thousands of deliveries to the Defense Logistics Agency.