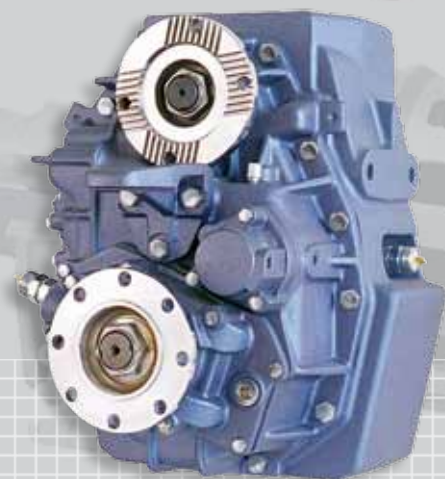


Innovative Drivetrain Solutions for Commercial, Military, and Specialty Vehicles





AxleTech International is a designer and manufacturer of drivetrain systems and components, as well as aftermarket parts serving commercial and military vehicle markets worldwide. We are a leading supplier of heavy-duty off-road and high-mobility planetary hub-reduction axles, independent suspensions, electric motorized planetary wheel ends, brakes, and transfer cases to OEMs on every continent. We offer axles with GAW ratings from 5,000 – 250,000 pounds (2,268 – 113,398 kilograms) in single, tandem, tridem, rigid and steer designs for use in applications as diverse as:

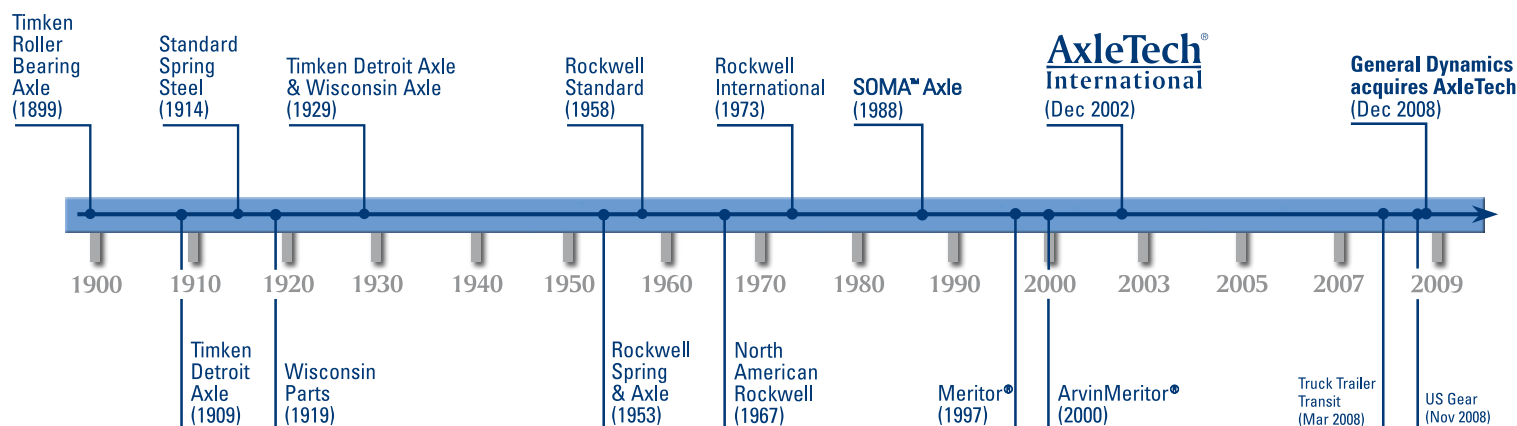
- Agriculture
- Construction
- Airport Rescue Fire – ARF
- Forestry
- Ground Support Equipment
- Military (Combat, Tactical, and Utility)
- Material Handling
- Mining
- Specialty Truck (Including AWD)

Committed to providing our customers with the highest quality components, AxleTech utilizes leading design tools and practices to ensure product quality, durability and reliability. These products are then supported with unparalleled customer service.

Whether the application is for haulers, loaders, lift-trucks, logging and mining vehicles, rough terrain cranes, fire and rescue, agricultural tractors, or military vehicles, AxleTech and its people have the experience and knowledge to design, develop, and build axle, drivetrain, and suspension systems that meet specific customer requirements — whatever the application, you can count on us.

AxleTech is a privately owned company with origins as the North American off-highway and European specialty division of Rockwell International. AxleTech is headquartered in Troy, Michigan, U.S.A.

HISTORY





RELIABLE PRODUCTS FOR THE OFF-HIGHWAY AND SPECIALTY VEHICLE MARKET

At AxleTech International, we understand the pressures faced by off-highway vehicle manufacturers, and we have developed a full line of axles, components and brakes to help you meet these market demands. We are also able to provide the customization required for your particular application. Working with AxleTech, you gain a supplier you can count on for logistical and engineering support across the full range of commercial applications, and high-quality products that will complement your design excellence. That's why we have invested in the technologies and people necessary to keep ourselves – and our customers – one step ahead of the competition.



Planetary Rigid Axle:
PROC686 W3H

PLANETARY STEER AXLES

AxleTech's planetary steer axles deliver the uncompromising durability you need, with gear reduction options to fit a variety of applications. An excellent choice for uses in which demanding traction conditions will be encountered, these axles also deliver load capacities up to 90,000 pounds, and a full range of brake choices and tracks.

Axles feature optional traction and torque management devices and permanently lubricated steering axle shafts and ball stud tie rod assemblies for low-maintenance dependability.

SINGLE RIGID PLANETARY AXLES

AxleTech's single rigid planetary axles are ideal for a full range of commercial vehicle applications, with axle capacities from 7,500 – 245,000 pounds, and a wide range of gear ratios. A variety of hub sizes and mounting configurations allow great flexibility in vehicle design.

These axles handle high driveline torque without a problem. Sealed wet disc brakes are insulated from outside contaminants, and can be fitted with forced cooling ports for severe duty, enhancing the excellent in-field durability and low maintenance features of these axles.

TANDEM RIGID PLANETARY AXLES

Tandem planetary axles are ideal for rough terrain, heavy loads and other demanding situations. From forestry to mining, and construction to agricultural applications, these axles offer outstanding durability and value with load hauling capacities to 150,000 pounds.

Standard hypoid gearing and planet gears in rugged, high-strength axle housings, lead to a durable, low-maintenance reliability. A variety of tracks and mounting centers are available.

AXLETECH BRAKES

AxleTech International has a long history and experience in the design and manufacture of brake assemblies that are specific to their unique applications. Our brakes are designed to achieve ultimate performance under specific demands such as load capacity, torque, heat and terrain.

Oil cooled Wet Disc Brakes account for high torque and heavy load capacity vehicles operating in extreme environments. Wet Brakes have integral and unit mounted options, with disc sizes ranging from 229, 360 and 432mm.

Heavy Duty Drum Brakes for on-highway and off-highway applications are available in S-cam and Wedge designs, with shoe sizes ranging from 15" – 20.25". Hydraulic Dry Disc Brakes are common on specialty vehicles. AxleTech's unique design achieves maximum performance with special psi ratings. Product designs with rotor diameters ranging from 16" – 19" are available, including our popular 4x76 and 6x76 assemblies.

PROTECTION, PAYLOAD, PERFORMANCE.

MEETING THE DEMAND FOR HIGH-SPEED CROSS-COUNTRY MOBILITY

Whether called on to provide a product “off the shelf,” create a custom design, or deliver components through contract manufacturing, you are assured that AxleTech driveline products are built to meet the demands of today’s high-speed, high mobility applications. Robust designs, high-quality materials, expert craftsmanship and rapid parts availability make AxleTech products the choice of leading OEMs. These axles, transfer cases and suspension systems have earned their reputation from demanding military tests and proven field performance around the world for survivability, maneuverability, maintainability and safety.



PLANETARY STEER AXLES

AxleTech's 3,000, 4,000 and 5,000 series axles deliver the rugged durability you need, along with a wide range of gear reduction options to fit a variety of applications. Built to be compatible with their matching single and tandem rigid axles, they give you maximum flexibility in load capacities (up to 35,000 pounds), brake choices and multiple tracks.

All of the 3,000, 4,000 and 5,000 series axles feature optional central tire inflation capability, ABS, and optional traction and torque management technologies. They also offer a variety of flange and yoke options to meet design needs. AxleTech 3,000, 4,000 and 5,000 series steer axles come standard with double cardan axle shaft U-joints, and ball-stud tie rod assemblies are permanently lubricated.

SINGLE RIGID PLANETARY AXLES

The AxleTech 3,000, 4,000 and 5,000 series axles, featuring capacities from 6,600 – 36,000 pounds, are ideal for high-mobility, commercial, and industrial applications. They are engineered to withstand demanding environments and are available with overall gear ratios from 4.8 – 28:1 and offer optional cam, wedge or disc brakes.

The axles meet a wide range of traction conditions and handle high driveline torque without a problem. They are designed for excellent in-field durability, low maintenance and a long lifecycle. They also offer design flexibility with a host of mounting configurations available.



Planetary Steer Axle:
4000 Series



TANDEM RIGID PLANETARY AXLES

The AxleTech 4,000 and 5,000 series tandem axles are specially designed to handle harsh environments and heavy load combinations, easily meeting the most severe duty cycles. These axles have the capability of handling loads from 28,000 – 70,000 pounds, and a variety of tracks and mounting centers are offered to provide optimum vehicle frame rail and tire spacing. Balanced gearing puts more power at the wheel ends, reducing the torque and stress borne by the axle shaft and differential gearing, adding to the long lifecycle.

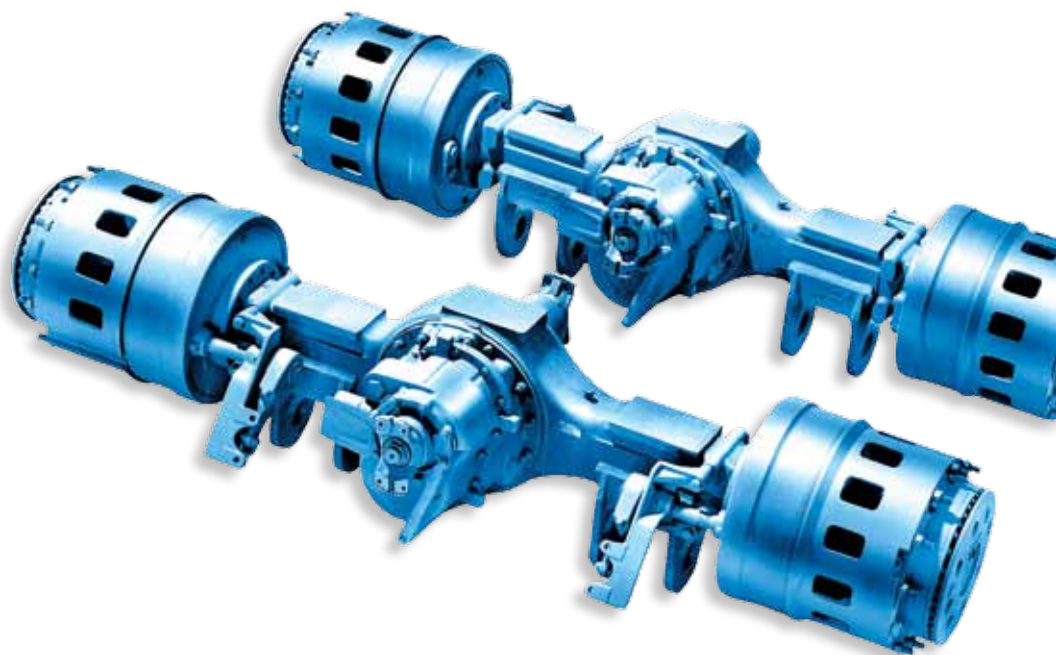
A full range of features and options makes the 4,000 and 5,000 series tandem axles extremely flexible and ideal for high-mobility applications. Standard spiral bevel gearing and planet gears, in conjunction with rugged, high-strength axle housings, lead to a durable, low-maintenance package. High capacity wedge, cam or disc brakes, carrier differential options, inter-axle differential with lubrication system, single- or dual-style wheel hub mountings, and a wide range of overall axle ratios allow for specialized vocational requirements.



T600

TRANSFER CASES

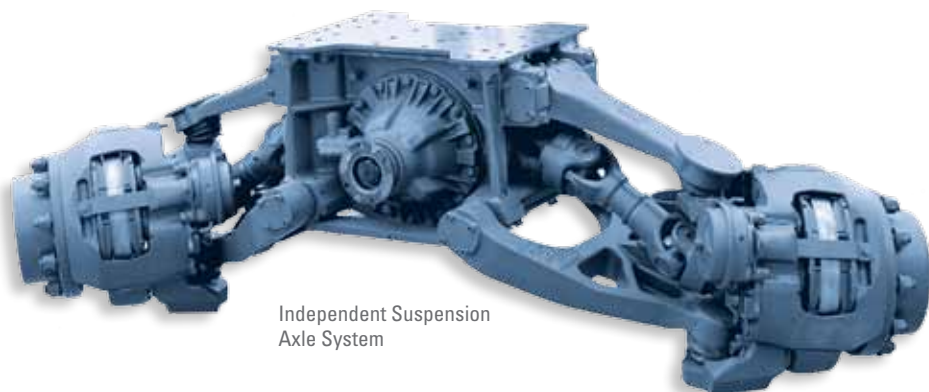
AxleTech transfer cases are built to handle the demands of high-torque engine/transmission combinations, delivering dependable service in a variety of high-mobility vocations. Our T232 and T600 transfer cases give unrivaled gear ratio versatility, and your choice of front or rear outputs, optional integral air-engaged PTOs, and interaxle differential. They feature helical direct drive gearing, main shaft tapered bearings, magnetic drain plugs, and a wide range of yokes and flanges. Factory-installed oil pumps are provided as standard equipment to assure low-speed lubrication, adding to the low maintenance temperament of these rugged, yet lightweight transfer cases.



SUSPENSION SYSTEMS

AxleTech provides state-of-the-art independent suspension planetary axle systems for high-mobility/maneuverability applications. The controlled geometry and double-wishbone design provides unrivaled ride control and handling. These systems combine the same high-speed planetary technology used in our 3,000, 4,000 and 5,000 series axle systems, but can provide average cross-country speed gains of 2-3 times the speed attainable with rigid beam axles.

AxleTech's independent suspension system provides greater cross-country mobility and rider safety in all operating environments. With improved steering and maximum tire-to-ground contact, our system delivers better track control in rough terrain. Improved suspension flexibility and greater wheel travel means improved ride quality for the driver, crew and payload, as well as safety and driver efficiency.



Independent Suspension
Axle System

Rigid Planetary Axle



WORLD CLASS AFTERMARKET SUPPORT — WORLDWIDE

We realize that as the average age of vehicles increases, so too does the need for quality parts, readily available. AxleTech International meets this challenge with local distribution centers, serving the commercial, military and specialty vehicle markets. We maintain a complete inventory of aftermarket parts, and offer global service and support, with experts available to help determine specific component requirements.

AxleTech's aftermarket division offers complete assemblies, such as new carriers and brake assemblies, as well as individual component offerings. AxleTech branded products meet or exceed OEM specifications, designed for ultimate vocational performance. Our aftermarket coverage focuses on three primary systems: carriers, brakes and drivelines. Our aftermarket support takes OE replacement one step further — we cater to the demands of the market, with kit packages available on a standard or customized basis — differential rebuild kits, brake repair kits, and many more.

THE AXLETECH ADVANTAGE

With AxleTech, you not only get an extensive selection of original-equipment quality aftermarket products, you also receive OE-quality technical support to help answer any questions you might have.

Parts availability is also a strategic advantage; we locally stock a wide variety of components, complete assemblies and new carriers to support your service expectations.

FIELD SUPPORT

Service personnel are available to offer assistance with spec'ing, troubleshooting and parts and service support. We maintain a worldwide field service network with experts available to handle all of your questions and needs: **1-877-547-3907** in North America **+33 47 792-88-44** in Europe.

AxleTech's easy-to-use website is your online resource for finding the parts you need. www.offhighwayplus.com Just like the name says, we cover off-highway applications PLUS — military, on-highway, specialty and so much more. Key features of our aftermarket website include:

- Price and Availability
- Order Placement
- Bill-of-Material
- Order History



Carriers



Brakes



Drivelines



Central Lube Systems



MISSION STATEMENT

AxleTech International will be the world's premier supplier of off-highway and specialty vehicle drivetrain systems and components. We will be our customer's preferred supplier by exceeding their expectations for quality, delivery, technology, and service. AxleTech will work in an environment that encourages empowered teamwork, a relentless pursuit of results and the highest integrity.

GLOBAL REACH

AxleTech is a global company with a manufacturing, sales and support presence to serve customers all around the world. This is complemented by our logistical support and supply chain management capabilities, making us a reliable partner for manufacturers in virtually any country.

AxleTech maintains manufacturing operations in the United States, France and Brazil, with sales and service representation in those countries and Southern Africa, Australia, India, North Africa, China, South Korea and Japan.

Aftermarket products are shipped from distribution centers in the United States and France.

Locations

Manufacturing Facilities

Osasco, Brazil
Oshkosh, Wisconsin, U.S.A.
St. Etienne, France

TTT (Truck Trailer Transit)
Detroit, Michigan
U.S. Gear
Chicago, Illinois

Sales and Service Offices

Alcester, UK
Ankara, Turkey
Beijing, China
Belvidere, Illinois, U.S.A.
Boksburg, South Africa
Chiba, Japan
Manila, Philippines
Mumbai, India
Osasco, Brazil
Seoul, South Korea
Singapore
St. Etienne, France
Sydney, Australia
Taipei, Taiwan
Troy, Michigan, U.S.A.
Tokyo, Japan
Tunis, Tunisia

- Manufacturing Facilities
- Sales and Service Offices



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