



Every day the wheels of progress are set into motion. With each package delivered, child transported and schedule met, the world takes a step forward. And each and every day Allison Transmission is there powering those wheels with transmissions that are world renowned for their reliability, durability and performance.

All over the world, equipment owners and operators recognize the benefits Allison Automatics provide. Superior efficiency. Improved productivity. Reduced cost of ownership. Driver comfort and safety. Allison designs, develops and builds the world's most trusted commercial duty automatic full power-shifting transmissions.

When an ambulance or fire truck goes on a call, they do so confident that an Allison transmission is going to get them there. City buses, school buses, distribution, refuse collection, military and off-road vehicles run their daily schedules powered by the superior performance of Allison transmissions.

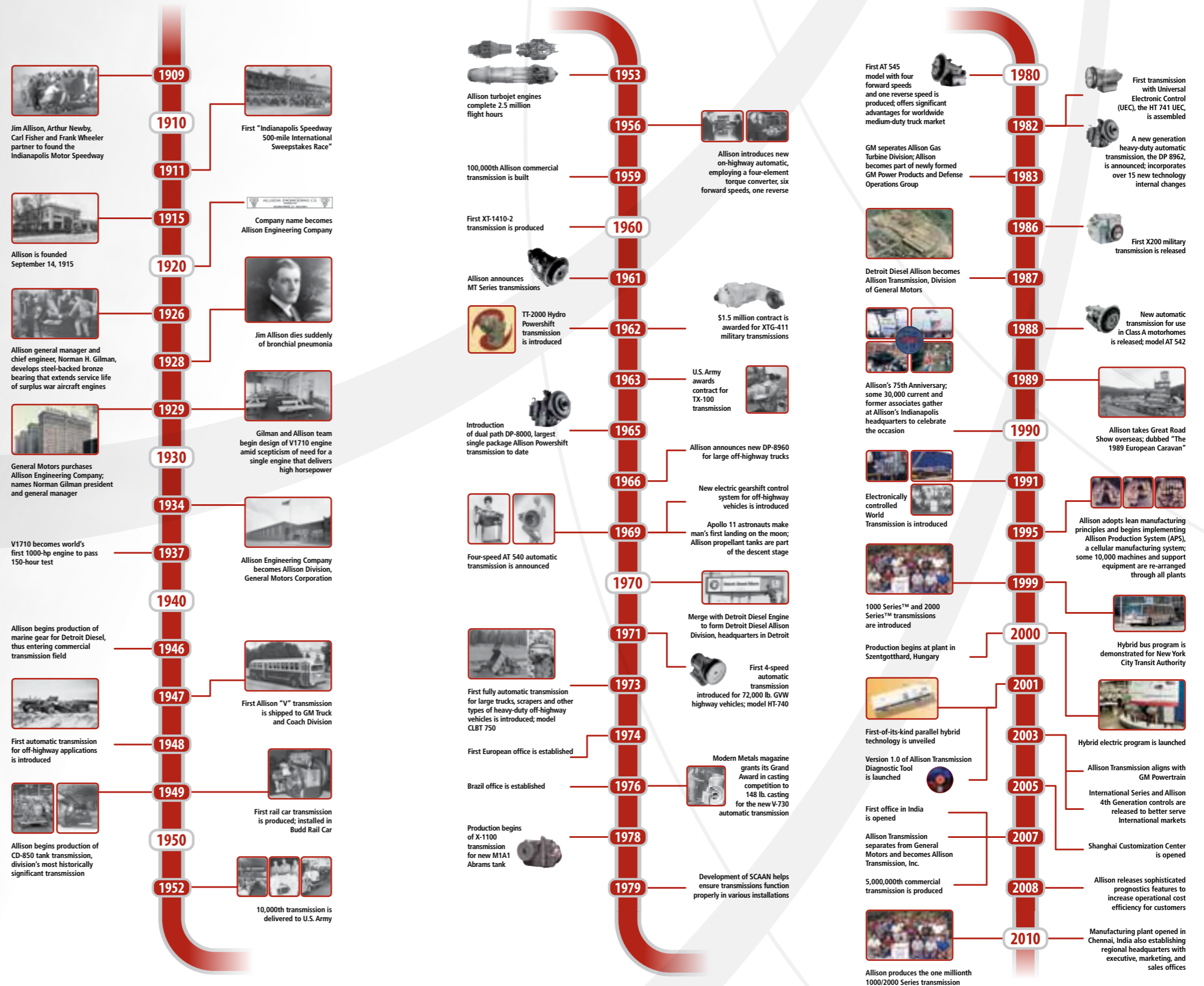


Allison Transmission - the automatic experience with an unrivalled combination of Quality, Reliability, Durability, Vocational Value and Customer Service.

HISTORY AND TRADITION

Allison Transmission is dedicated to progress, to our history of excellence, our spirit of innovation, and to products that are second to none.

In 1915, James A. Allison founded what would become Allison Transmission and set events in motion that gave rise to the introduction of the world's first heavy-duty automatic transmission in 1946. From those beginnings, the company has become the premier designer, developer, manufacturer and seller of medium and heavy-duty fully automatic transmissions and hybrid propulsion systems. Over the years, Allison has made significant investments in the latest technological advancements, as well as in employees to ensure our products are second to none. Innovation and experience has made Allison the specialist to trust. That's why the world's leading commercial and military manufacturers specify Allison products for a wide variety of vehicles and vocational applications.



FACILITIES

Allison Transmission is a global operation headquartered in Indianapolis, Indiana, U.S.A.

Sales Offices, Regional HQs

Regional Headquarters with their own dedicated support staff are located within worldwide market segments and with sales offices in all major markets supported by an extensive worldwide distribution network.

Manufacturing Facilities

Allison manufacturing and assembly facilities are located in Indianapolis, Szentgotthárd, Hungary, and Chennai, India. Allison Transmission also has regional headquarters, customization centers, and parts distribution centers in Brazil, The Netherlands, China and India.

Customization Centers

To deliver maximum value, Allison transmissions are configured to the exact requirements of each OEM at Allison Customization Centers so they may be effortlessly installed into each vehicle. Each transmission becomes an individual part requested by the customer and can be identified according to its Allison and OEM part number. Allison Transmission is committed to delivering the highest possible quality standards of transmission customization.

Parts Distribution Centers

Allison Transmission has regional parts distribution centers which house large inventories of service parts. The locations of Allison PDCs are positioned to allow quick delivery to Allison's extensive service network whenever required.



Indianapolis, USA

WORLD HEADQUARTERS, SALES OFFICE, MANUFACTURING FACILITY

London, ON, Canada

SALES OFFICE

Mexico City, Mexico

SALES OFFICE

São Paulo, Brazil

REGIONAL HEADQUARTERS, SALES OFFICE, CUSTOMIZATION CENTER, PARTS DISTRIBUTION CENTER

Buenos Aires, Argentina

SALES OFFICE

Sliedrecht, the Netherlands

REGIONAL HEADQUARTERS, SALES OFFICE, CUSTOMIZATION CENTER, PARTS DISTRIBUTION CENTER

Szentgotthárd, Hungary

MANUFACTURING FACILITY

Millbrook, United Kingdom

SALES OFFICE

Mainz, Germany

SALES OFFICE

Paris, France

SALES OFFICE

Madrid, Spain

SALES OFFICE

Torino, Italy

SALES OFFICE

Steyr, Austria

SALES OFFICE

Budapest, Hungary

SALES OFFICE

Bollebygd, Sweden

SALES OFFICE

Moscow, Russia

SALES OFFICE

Chennai, India

REGIONAL HEADQUARTERS, SALES OFFICE, MANUFACTURING FACILITY, CUSTOMIZATION CENTER, PARTS DISTRIBUTION CENTER

Delhi, India

SALES OFFICE

Shanghai, China

REGIONAL HEADQUARTERS, SALES OFFICE, CUSTOMIZATION CENTER, PARTS DISTRIBUTION CENTER

Beijing, China

SALES OFFICE

Seoul, South Korea

SALES OFFICE

Tokyo, Japan

SALES OFFICE

Singapore City, Singapore

SALES OFFICE

Sydney, Australia

SALES OFFICE



Allison products are trusted by hundreds of the world's leading vehicle manufacturers. Allison products are featured in a broad range of applications.

PRODUCT OVERVIEW

On-Highway



Designed to work in a wide variety of light commercial vehicles for both on-highway and public transport applications.



Adapts to operate efficiently in a variety of conditions and makes heavy-duty vehicles more productive and easier to drive.



1000 Series

- Designed for light commercial vehicles with gross weight up to 9,000 kg (19,850 lbs)
- Rating up to a maximum of 224 kW (300 hp)
- Close and wide ratio gearing
- Turbine-driven PTO provision with optional neutral lock-up feature
- Parking pawl provision
- Up to 6 speeds available with overdrive
- Advance electronic controls for optimized operation and prognostics capability

TYPICAL VOCATIONS:

- Airport ground service vehicle
- City bus / Coach / Intercity Bus
- Distribution
- Emergency
- Motorhome
- Municipal
- Refuse
- School bus
- Shuttle bus

2000 Series

- Designed for commercial vehicles with gross weight up to 15,000 kg (33,000 lbs)
- Rating up to a maximum of 224 kW (300 hp)
- Close and wide ratio gearing available
- Turbine-driven PTO provision with optional neutral lock-up feature
- Parking pawl optional
- Up to 6 speeds available with overdrive
- Advance electronic controls for optimized operation and prognostics capability

TYPICAL VOCATIONS:

- Airport ground service vehicle
- City bus / Coach / Intercity Bus
- Distribution
- Emergency
- Military
- Motorhome
- Refuse
- Shuttle bus

3000 Series

- Designed for medium sized commercial vehicles
- Rating up to a maximum of 336 kW (450 hp)
- Close and wide ratio gearing available for a wide variety of on and off-road applications
- Up to 7 available speeds
- Engine-driven PTO provisions
- Optional integral output retarder provides enhanced vehicle braking while reducing brake wear
- Advance electronic controls for optimized operation and prognostics capability

TYPICAL VOCATIONS:

- Airport Ground Service
- Agricultural
- Concrete Mixer
- Distribution
- Emergency
- Fire truck
- Motorhome
- Municipal
- Refuse
- Short Haul
- Spotter
- Terminal Tractor

4000 Series

- Designed for heavy duty commercial vehicles
- Rating up to a maximum of 507 kW (680 hp)
- Close and wide ratio gearing available for a wide variety of on and off-road applications
- 7 speed model available
- Engine driven PTO provisions
- Optional integral output retarder provides enhanced vehicle braking while reducing brake wear
- Advance electronic controls for optimized operation and prognostics capability

TYPICAL VOCATIONS:

- Crash truck
- Concrete Mixer
- Construction
- Distribution
- Emergency
- Fire truck
- Heavy Hauler
- Line Haul
- Mining
- Motorhome
- Refuse
- Short Haul

PRODUCT OVERVIEW
Off-Road Series (ORS)



Designed for Articulated Dump, Rigid Dump and other off-road applications where cycle times are important

Off-Road Series (ORS)

- Available with the 3000 Series and 4000 Series
- Provides enhanced product ratings and unique hour-based product warranty coverage, tailored to meet the needs of customers operating primarily in severe off-road conditions
- 6 available speeds
- Overdrive
- Wide range of I/O functions available
- Close and wide ratio
- Retarder optional
- Engine driven PTO provisions
- Transfer case provision optional
- Advance electronic controls for optimized operation and prognostics capability

TYPICAL VOCATIONS:

- Articulated dump truck
- Rigid dump truck

PRODUCT OVERVIEW
Allison Torqmatic® Series



A line of fully automatic power shifting transmissions specially designed for the unique demands of coaches, city and suburban buses.



Allison Torqmatic® Series

- Close Ratio
- Up to 6 available speeds
- Overdrive
- Retarder optional
- Engine driven PTO provisions optional
- Advance electronic controls for optimized operation and prognostics capability

TYPICAL VOCATIONS:

- Air field bus
- City bus
- Intercity bus
- Shuttle bus
- Suburban bus
- Tour coach

PRODUCT OVERVIEW

Oil Field Series (OFS)



A robust, technically advanced and cost-effective transmission for well-servicing applications.

Oil Field Series (OFS)

- Specially designed models for oil field applications
- Optional anodising for corrosion protection
- Custom software features
- Dual Mode for vehicle propulsion and Secondary Mode for pumping or winching
- Multiple Shift Schedules provide fixed automatic upshifts or full Powershift operation for pumping, winching
- ATEX certified transmission packages available

TYPICAL VOCATIONS:

- Heavy winches
- Mobile drilling
- Stationary oil field
- Well servicing

PRODUCT OVERVIEW

Off-Highway



Includes a selection of transmissions designed for mobile, stationary or hauling applications.

5, 6, 8, & 9000 Series

- Up to 8 available speeds
- Up to 2 reverse ratios
- Optional retarder
- Optional PTO-provision
- Optional dropbox
- Optional parking brake

TYPICAL VOCATIONS:

- Airport crash / fire / rescue
- Logging
- Mining
- Mobile drilling
- Rigid dump / hauling truck
- Stationary oil field

PRODUCT OVERVIEW

Electric Drive



Available in full production since 2003 for the public transport market, Allison's two mode parallel hybrid system bridges the gap between traditional mechanical engine propulsion systems and zero-emission technologies. Buses equipped with this unique hybrid system have significant improvement in fuel economy, reduced emissions and quieter operation compared with conventional diesel-powered buses.



Allison Electric Drives

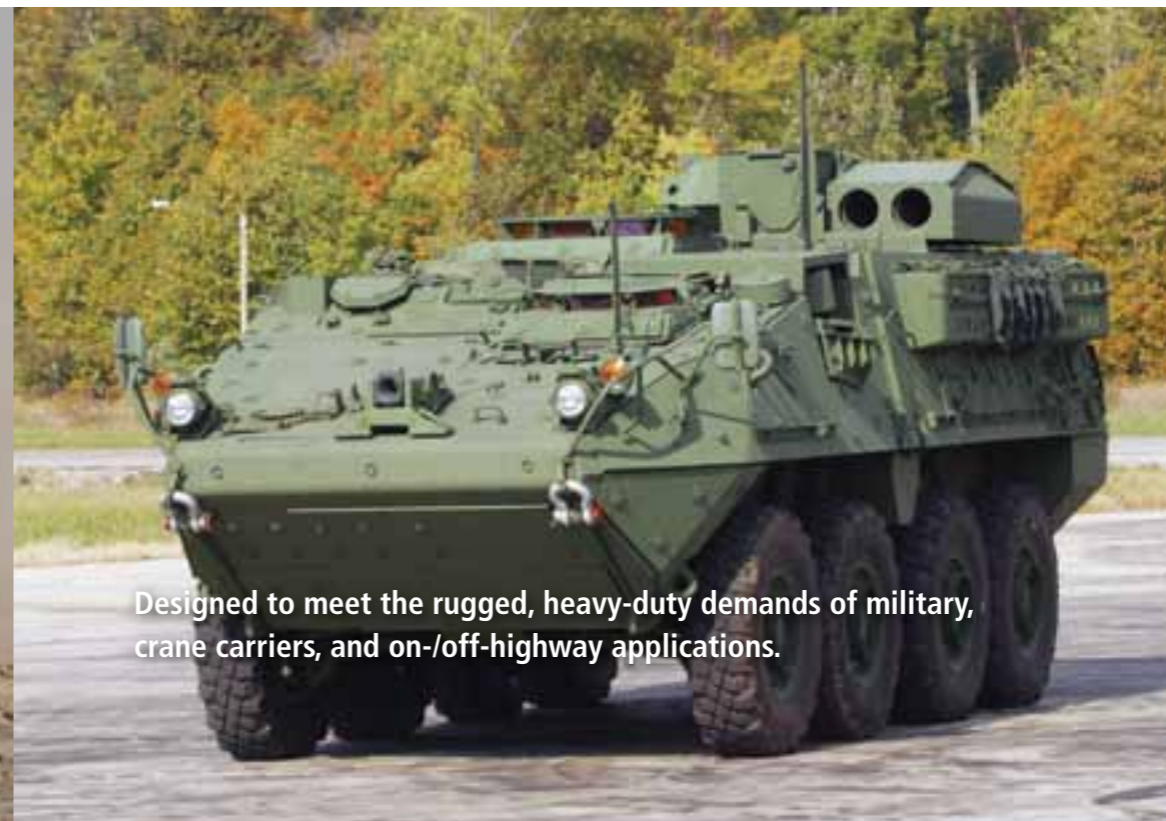
- Unique Two-Mode parallel hybrid patented design
- Offers significant reduction in fuel consumption, emissions and noise
- Ratings up to maximum 246 Kw (330HP)
- Advanced Nickel Metal Hydride energy storage system
- No requirement for battery conditioning
- Proven reliable and durable for city bus duty cycles

VOCATIONS:

- Buses
- Coaches



Allison Transmission Inc. is the global leader in design, production and service support of cross drive transmissions for military tracked vehicles. Allison's unique transmissions provide steering and braking in a compact and rugged single unit.



Designed to meet the rugged, heavy-duty demands of military, crane carriers, and on-/off-highway applications.



X1100

- Designed for heavy tracked combat vehicles from 45,359 - 63,503 kg (100,000 - 140,000 lbs)
- Can accept either a diesel or a turbine engine with ratings up to 1119 kW (1,500 hp)
- 4 forward, 2 reverse gears
- Infinitely variable speed controlled hydrostatic steering
- Integral multiple plate wet disc brakes

X200

- Designed for light to light medium tracked vehicles up to 18,144 kg (40,000 lbs)
- Cross drive design integrates steering and braking into one compact unit
- Ratings up to 298 kW (400 hp)
- Available for higher speed or lower speed engines
- Fully electronic controls for use with modern engines. Diagnostics can be made available on shift selector display

X4560

- Designed for amphibious tracked vehicle up to approximately 36,287 kg (80,000 lbs)
- Ratings up to 2013 kW (2700 hp) @ 3300 rpm in water mode (waterjets only), 1193 kW (1600 hp) @ 2800 rpm in transition (tracks and waterjets) mode and 633 kW (850 hp) @ 2800 rpm in land mode (tracks only)
- Fully electronic controls for use with specialized diesel engine. 6 forward and 1 reverse gears, 1 water mode gear ratio, with diagnostics
- Infinitely variable speed controlled hydrostatic track steer
- Electronically controlled Integral multiple plate wet disk track brakes
- Electronically controlled 2 speed PTO
- Electronically controlled mode management for selecting waterjets, tracks or combination

Specialty Series (SP)

- Available in all International Series configurations
- Close and wide ratio
- Up to 7 available speeds
- Overdrive
- Retarder optional
- Engine driven PTO provisions

TYPICAL VOCATIONS:

- Crane carrier
- Military combat
- Military support / tactical



Focused on quality

Allison Transmission's Global Manufacturing System is designed around a set of principles: Standardization, People Involvement, Built-in Quality, Short Lead Time, and Continuous Improvement.

With this foundation, processes are designed and employees are trained to produce quality parts the first time, every time: from the manufacture of detail components to the final assembly of transmissions. Product testing and thousands of audits are conducted daily to ensure the flawless execution of this manufacturing system.

The application of advanced technologies, of state-of-the-art manufacturing equipment, and of standardized work techniques across all facilities assures that Allison's end products are world class. Allison is dedicated to workplace organization, well-maintained equipment, and employee enthusiasm...

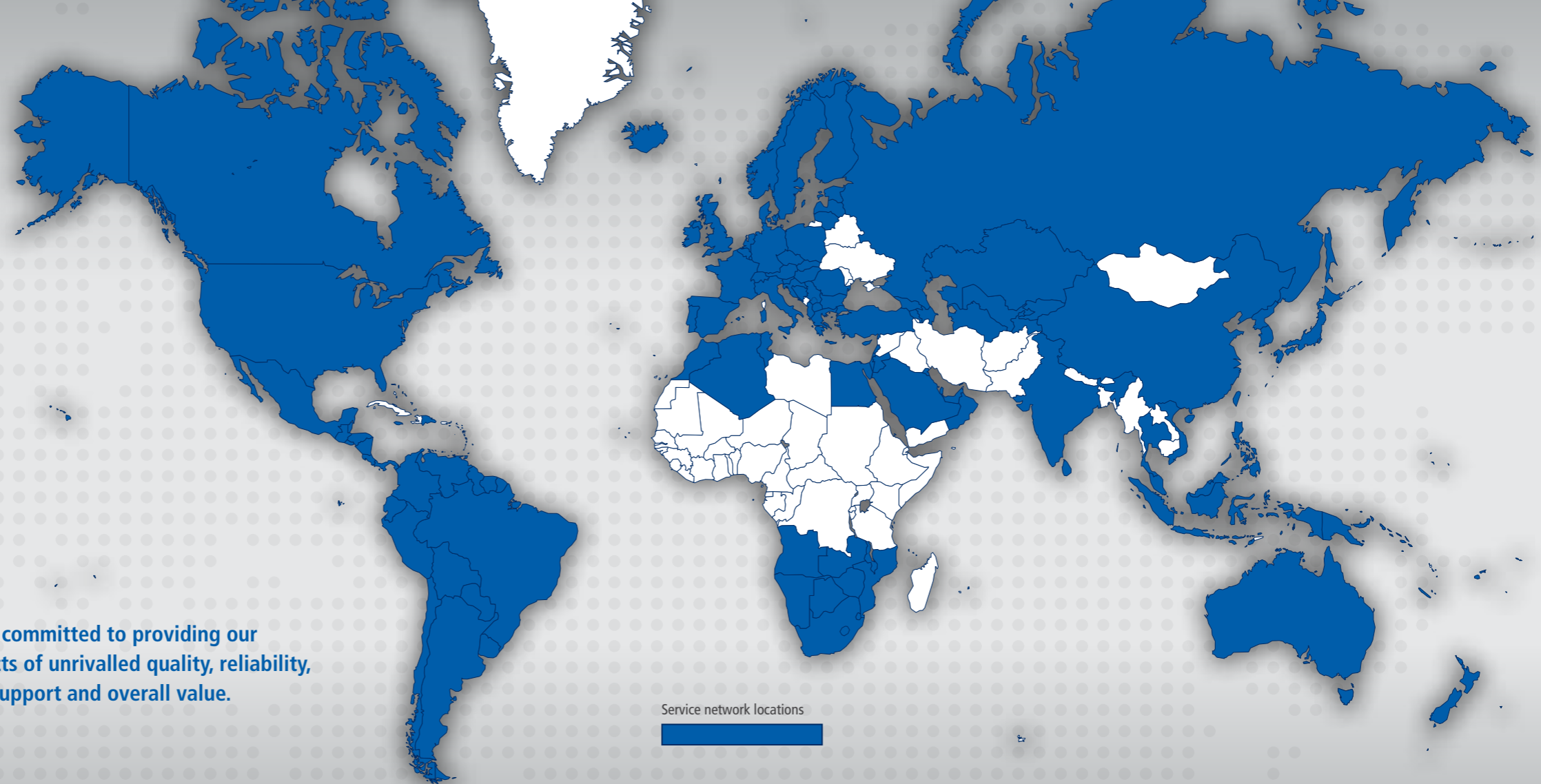
...all in support of Allison Transmission's Brand Promise - the automatic experience with an unrivalled combination of

Quality, Reliability, Durability, Vocational Value and Customer Service.

Allison facilities have been certified to the latest ISO/TS standards since 1995.



SERVICE NETWORK



Allison Transmission is committed to providing our customers with products of unrivalled quality, reliability, durability, after-sales support and overall value.

Allison's dedicated customer support network has over 1550 authorized distributor and service locations around the globe which provide service support and technical assistance.

The Allison Transmission service network is well equipped and fully trained to support commercial vehicle manufacturers and fleet operators. Our distributors offer a full range of services including transmission specification and application solutions.

As experts on Allison transmissions, our authorized distributors and dealers are valuable customer resources. Our network stocks genuine Allison parts and provides factory quality maintenance and service.

Albania	Channel Islands	Guatemala	Lesotho	Paraguay	Sweden
Algeria	Chile	Guayana	Lithuania	Peru	Switzerland
Angola	China	Honduras	Luxembourg	Philippines	Taiwan
Argentina	Colombia	Hungary	Macedonia	Poland	Tajikistan
Armenia	Costa Rica	Iceland	Malawi	Portugal	Thailand
Aruba	Croatia	India	Malaysia	Qatar	Trinidad & Tobago
Australia	Cyprus	Indonesia	Malta	Korea	Tunisia
Austria	Czech Republic	Ireland	Mauritius	Romania	Turkey
Azerbaijan	Denmark	Israel	Mexico	Russia	Turkmenistan
Bahrain	Dominican Republic	Italy	Morocco	Saudi Arabia	United Arab Emirates
Barbados	Ecuador	Jamaica	Mozambique	Serbia & Montenegro	United Kingdom
Belgium	Egypt	Japan	Namibia	Singapore	United States of America
Belize	El Salvador	Jordan	The Netherlands	Slovakia	Uruguay
Bolivia	Estonia	Kazakhstan	The Netherlands Antilles	Slovenia	Uzbekistan
Bosnia-Herzegovina	Finland	Korea	New Zealand	The Solomon Islands	Venezuela
Botswana	France	Kosovo	Nicaragua	South Africa	Vietnam
Brazil	French Guiana	Kuwait	Norway	Spain	Zambia
Brunei	Georgia	Kyrgyzstan	Oman	Sri Lanka	Zimbabwe
Bulgaria	Germany	Latvia	Panama	Suriname	
Canada	Greece	Lebanon	Papua New Guinea	Swaziland	

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