With Every Delivery,
An Allison Lowers Your Ownership Costs
When you want to lower your total cost of ownership, Allison Automatics are the way to go.

While trucks with manual and automated manual transmissions (AMTs) initially cost less than trucks equipped with Allison fully automatic transmissions, they may actually cost more over time.

What allows Allison trucks to bring more value to your fleet? First, our patented torque converter couples the engine to the drivetrain without a mechanical clutch. No mechanical clutch system means less to wear out than in manuals and AMTs. Plus, Allison’s Continuous Power Technology™ actively reduces drivetrain wear and tear. An Allison Automatic makes vehicles more timely in start-stop cycles and easier to maneuver, increasing uptime while improving productivity. You can make more deliveries per day and lower your cost per delivery.

Allison’s FuelSense® package of features also allows your vehicles to experience excellent fuel economy. The longer your Allison-equipped vehicles stay in service, the more these features contribute to a lower total cost of ownership.
Fewer Breakdowns, More Time On The Road

When you have deliveries to make, you can’t afford downtime. Whether your drivers are transporting perishable goods around a city, running regional pickup and delivery routes or making the long haul, you don’t have to worry about your transmission with an Allison Automatic. Designed for severe, high start-stop duty-cycles, Allison fully automatic transmissions use a torque converter for launching so there is no mechanical clutch to wear out.

Each Allison transmission is equipped with fail-safe controls. In the rare event of a failure, the transmission is designed to stay in gear, which allows it to continue operation, allowing the driver to move the vehicle to safety. With manual and automated manual transmissions (AMTs), a vehicle could be stuck in place until help can arrive.

Allison’s prognostics features allow drivers to constantly monitor oil life, filter life and transmission health. These features further protect Allison’s fully automatic transmissions and make it easy to stay on schedule with routine maintenance.
Automatically **Fuel Efficient**

Gain more fuel efficiency without sacrificing power when you need it. Allison transmissions automatically adjust themselves depending on weight, speed and road conditions. When trucks are carrying lighter loads or in an urban environment, Allison transmissions shift at lower engine speeds to consume less fuel. When carrying heavy loads, travelling on the highway or climbing a grade, they upshift at higher speeds for greater acceleration and power. These features are all part of our innovative FuelSense® packages. In addition to using FuelSense, if you choose the Allison Automatic that best fits your duty-cycle, you may also be able to downsize your engine. This further reduces costs and fuel consumption without sacrificing performance.
FuelSense® Features

To get the most out of every drop of fuel, Allison 5th Generation Electronic Controls offer an enhanced array of smart controls designed to significantly increase fuel economy for the specific needs of any application.

**EcoCal**—Provides lower shift points to get into lock up as soon as possible, providing necessary performance without shift cycling.

**Dynamic Shift Sensing**—Automatically selects between lower/higher speed shift schedules based on the vehicle’s actual payload and the grade on which it is operating. This optimizes fuel economy while maintaining superior performance.

**Acceleration Rate Management**—Mitigates aggressive driving by controlling engine torque based on the vehicle’s grade and load.

**Neutral At Stop**—Automatically eliminates the load on the engine when the vehicle is at a full stop to save fuel and reduce overall vehicle emissions.
Make Deliveries More Productively

Allison Automatics provide the best combination of economy and productivity. Built to withstand the high start-stop duty-cycles of urban delivery fleets, each Allison Automatic features our Continuous Power Technology™, which provides more power to the wheels than other transmission technologies. Allison’s torque converter multiplies engine torque to significantly improve startability and launch.

Allison Automatics make your vehicle more timely in start-stop cycles and easier to maneuver than manual or automated manual transmissions (AMTs), allowing your fleet to operate at higher average speeds. This means more work accomplished and more profit for your company.
Faster Acceleration = Higher Average Speeds = More Work Accomplished

Allison Automatics Accelerate Faster Than A Manual Or Automated Manual Transmission (AMT)

![Graph showing speed vs time for Allison and AMT transmissions.]

- **35% Less Time**
  - Allison (at full throttle)
  - AMT (at full throttle)
- **50% Less Time**
- **ALLISON AUTOMATICS ACCELERATE FASTER FOR 14% HIGHER AVERAGE SPEED**

Based on comparative acceleration testing.
The Power Of The Torque Converter

Allison's torque converter smoothly multiplies engine torque, delivering more power to the wheels. By multiplying the engine power, drivers get increased performance, faster acceleration and greater operational flexibility. An Allison fully automatic transmission increases power while a manual or automated manual transmission (AMT) loses power with every shift. An Allison Automatic eliminates power interrupts so you can accomplish more, even with a smaller engine.

Automatic Versus Manual And Automated Manual

While the manual clutch pedal is gone in an automated manual transmission (AMT), a mechanical clutch still facilitates the vehicle's launch. This mechanical clutch will wear and eventually burn out and need traditional maintenance and replacement, which means a vehicle spends more time being repaired and less time on the road.

Manual and automated manual transmissions do not benefit from engine torque multiplication because engine torque must be controlled or limited to extend the life of the starting clutch, which limits vehicle performance.

Allison Automatics are unique because our patented torque converter experiences very little wear and our transmissions require only periodic fluid and filter changes to maintain peak performance. When maintenance is required, the Allison is easy to service, which gets your vehicle back on the road as soon as possible.
With an Allison fully automatic, constant power to the wheels and increased torque creates smoother, faster acceleration.

An automated manual transmission (AMT) has significant power interruption during every shift, resulting in reduced torque and slower acceleration.

Any time a manual or AMT shifts, your delivery vehicle loses power and torque, resulting in reduced productivity.

Allison Fully Automatic Transmission With Continuous Power Technology™

With an Allison fully automatic, constant power to the wheels and increased torque creates smoother, faster acceleration.
Rugged And Road Worthy

Allison fully automatic transmissions provide unrivaled reliability and durability, protecting each vehicle’s driveline. They are built to our exacting standards to perform under the most rigorous delivery schedules. They require a minimal amount of service because our patented torque converter technology doesn’t wear like other transmission technologies with a starting clutch (normal maintenance is just an oil and filter change). This lowers maintenance and repair costs, and increases your fleet’s time on the road.
The Natural Choice
For Natural Gas

Allison Automatics are ideal for natural gas engines that have to endure the heavy start-stop duty cycles of urban distribution vehicles. Allison’s Continuous Power Technology, featuring full-power shifts and a patented torque converter, provides the best performance and most efficient use from natural gas powered vehicles.

With an Allison Automatic, natural gas engines are simply more responsive. Allison’s torque converter technology multiplies engine torque to significantly improve startability and launch. Compared to manual and automated manual transmissions, Allison Automatics enable more responsive acceleration, higher productivity and greater efficiency.

Allison Automatics enable more responsive acceleration, higher productivity and greater efficiency in natural gas powered vehicles.
Increase Control, Safety And Driver Pool

Allison’s patented torque converter is more than a superior launching device. It provides drivers with greater low-speed control. Whether trucks are on a grade, navigating narrow city streets or inching back into loading docks, Allison Automatics provide the responsiveness that AMTs and manuals simply can’t deliver. Rollback is virtually nonexistent with an Allison transmission.

Behind the wheel, the increased control allows drivers to stay more alert and be more in tune with the vehicle, leading to better safety records. This increased control and safety also broadens the pool for new drivers. An Allison fully automatic transmission means drivers can be more easily trained because they don’t have to be familiar with manual transmissions. Even experienced drivers will benefit from more precise, safer handling and improved comfort that an Allison Automatic offers.
Why Choose **An Allison**?

Our fully automatic transmissions are proven reliable and durable:

- Over 100 years of engineering advanced propulsion solutions
- Trusted by more than 300 OEMs worldwide
- Over 900 patents
- Improved fuel economy with FuelSense® technology
- More than six million fully automatic transmissions delivered
The **Allison Promise**

Provide the most reliable and valued propulsion solutions in the world to enable our customers to work more efficiently.

**Quality**

**Customer Focus**

**Integrity**

**Innovation**

**Teamwork**
The Allison Promise

Provide the most reliable and valued propulsion solutions in the world to enable our customers to work more efficiently.

Quality

Customer Focus

Integrity

Innovation

Teamwork
From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to approximately 1,400 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

Our support starts from the moment an Allison transmission is specified. We work with you to ensure that the model and ratings fit your engine to create a tailored package of powerful performance and reliable efficiency. When you need parts or service, you can count on global access to factory-trained specialists and Allison Genuine Parts™.