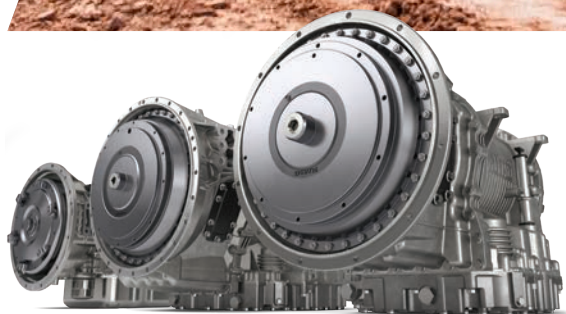




The Allison Advantage



Automated Is  
Not Automatic



# What Drives You?

Traditionally, there are three forms of transmission that you can choose when specifying your vehicle or building your fleet. Automatic, Automated Manual Transmission (AMT) or manual transmissions are all designed to facilitate the transfer of power from the engine to the drivetrain, but the way this is accomplished differs.

- In a manual transmission, a driver must physically shift using a clutch and gear shift to put the vehicle in the appropriate gear.
- An AMT removes the clutch pedal but still relies on a combination of mechanical clutches and electronic direction to shift gears, resulting in power interrupts and reduced productivity.
- An Allison Automatic uses a torque converter to smoothly shift gears and multiply power to the drivetrain, eliminating power interrupts and maximizing productivity. In addition, Allison’s customizable FuelSense® 2.0 technology balances optimum vehicle performance and fuel efficiency.

Fleet Priorities	Manual	Automated Manual	Allison Automatic
Time to perform a given amount of work	Higher	Higher	Lower
Fuel consumption to achieve a given amount of work	Higher	Higher	Lower
Ability to undertake very low-speed, high-resistance work	Poor	Poor	Excellent
Clutch maintenance/replacement	Needed	Needed	Not Required
Driver workload	High	Lower	Lowest
Total Cost of Ownership	High	Lower	Lowest
Ability to use high engine torque for steep gradient starts	No	No	Yes
Higher productivity	No	No	Yes
High reliability	No	No	Yes
Maneuverability in soft soil and uneven terrain	Better	Worse	Best
Residual value	Poor	Better	Best
Advantage	X	X	✓

Today, for owners looking to get the most from their equipment and team, there’s only one choice...An Allison fully automatic transmission.

## Allison Automatics Deliver:

- Unmatched Productivity
- Increased Maneuverability
- Reduced Downtime
- Driver-Friendly Operation

FOR LOWEST TOTAL COST OF OWNERSHIP, MORE UPTIME,  
REDUCED WEAR ON DRIVETRAIN AND DRIVER COMFORT,

# THE CHOICE IS AUTOMATIC



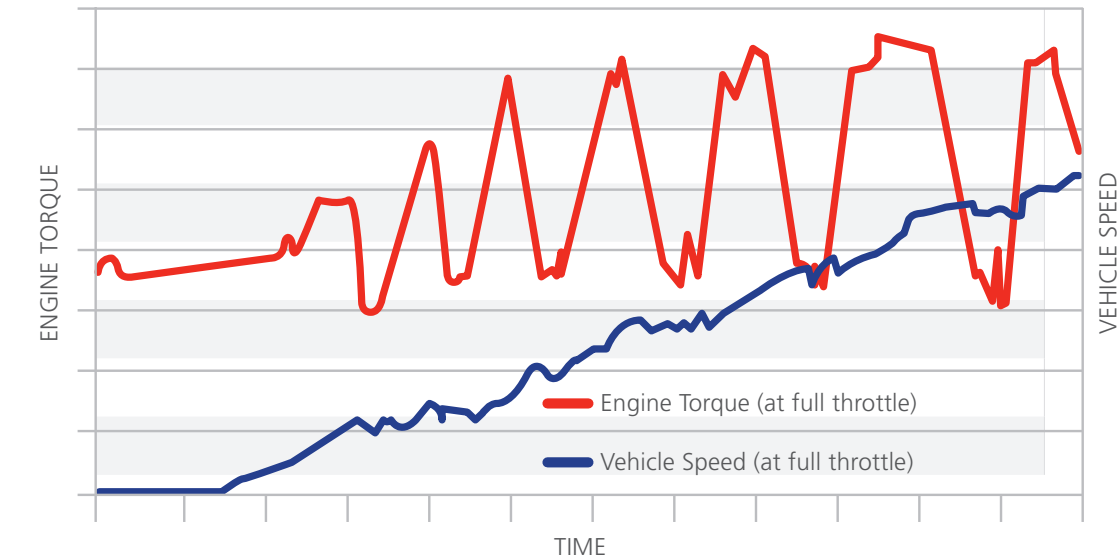


# Getting the Job Done

Allison Automatics incorporate our hydraulic torque converter to keep the transmission smoothly connected to the engine’s maximum available output during each shift. These full-power shifts provide superior vehicle acceleration, allowing you and your fleet to do more in less time.

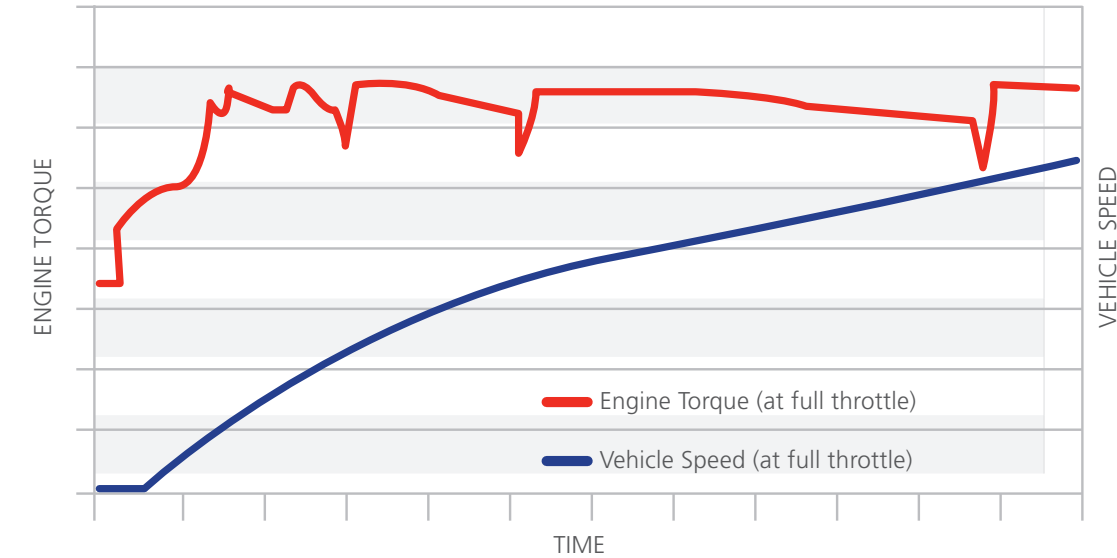
AMTs lose power on start-up with every shift – dropping average speeds and adding hours to your day or job.

## AMTs



\* Based on Comparative Construction Application Shift Data.

## Allison Fully Automatic Transmission



# Better Up Close

Allison’s torque converter delivers a variable gear ratio, allowing drivers to easily manage power to the wheels. Using only the accelerator pedal, drivers can control vehicle speed to maneuver and creep more easily while having more control on grades (even in reverse). The smooth operation reduces wear and tear on the vehicle and protects the drivetrain from shock.

Without a torque converter, AMTs cannot consistently deliver power to the wheels smoothly. This can result in reduced applications, spinning tires and stranded vehicles.

# Ready When You Are

Fluid operation and no mechanical clutches creates very little wear on the torque converter. This reduction in wear is translated throughout the drivetrain, creating less stress on everything from tires to brakes. Since only minimal service and fluid changes are required, your vehicle spends more time on the road or jobsite.

From the clutch to the input shaft and everything in between, the AMTs reliance on outdated, mechanical technology means more failures, maintenance and time in the shop.

# Driven to Perform

A vehicle equipped with an Allison Automatic transmission drives like most passenger cars. This results in a deeper driver pool and shorter learning curve for new drivers. Drivers are no longer searching for the right gear or experiencing the fatigue brought on by manual shifts and the resulting rocking motion of power interrupts. The increased vehicle control allows operators to easily maneuver and maintain focus on the work at hand.

# Allison Total Economic Value

Allison Automatics provide more revenue opportunities, increase driver capability, cost less to maintain yet hold higher vehicle resale value and deliver more vehicle uptime compared to automated manual transmissions (AMTs).

ALLISON AUTOMATICS  
CAN PROVIDE  
**UP TO 20%**  
**MORE**  
PRODUCTIVITY



# A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our manufacturing plants in Hungary and India, to approximately 1,600 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™.



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[allisontransmission.com](http://allisontransmission.com)

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