Increase Productivity
Maximize Profits With An Allison
Do More In Less Time

Reliable Allison fully automatic transmissions are built to deliver in the toughest conditions. An Allison Automatic features our Continuous Power Technology™, which provides more power to the wheels than other transmission technologies. Allison Automatics accelerate faster than manual or automated manual transmissions (AMTs), allowing your fleet to accelerate faster and operate at higher average speeds, meaning more loads per day. More loads mean greater productivity. All mean more to your bottom line. That’s productivity that delivers. Our unmatched reliability ensures your fleet spends more time on the job and less time in the garage. No matter what you do, Allison helps you do it better.

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

Based on comparative acceleration testing.

Faster Acceleration = Higher Average
What Could You Do With Another Day To Get Work Done?

Allison Automatics can make you 20% more productive on the job. That’s like adding another day to your work week. This improved productivity could result in more loads and more profits.

Improved Productivity Could Increase Profits

<table>
<thead>
<tr>
<th>Incremental Revenue*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average revenue per load     $100</td>
</tr>
<tr>
<td>One additional load per week $100</td>
</tr>
<tr>
<td>One additional load per week/per month $400</td>
</tr>
<tr>
<td>One additional load per month/per year $4,800</td>
</tr>
</tbody>
</table>

*Example for illustration purposes only. Actual results may vary.
Why Choose An Allison?

Our fully automatic transmissions are proven reliable and durable:

- 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
Allison: The Most Reliable Choice For Construction

- Unmatched reliability—designed for the toughest applications
- Faster acceleration and increased productivity
- Improved maneuverability to creep in soft soil and navigate tight spaces
- Better on hills with 2nd Reverse and more control on steep grades with virtually no rollback
- Lower maintenance costs and more uptime
- Easier and safer to operate for less experienced drivers, expands your driver pool
- Available with engine speed Power Take-Off (PTO)

Tailored For The Work You Do

Unlike a manual or automated manual transmission (AMT), Allison Automatics are designed to perform in the toughest, most stringent environments. With Allison you can better specify your vehicle and transmission to fit the exact needs of your particular application. The result is a precise combination of power and efficiency that only Allison can deliver.
The Power Of The Torque Converter

Allison’s torque converter smoothly multiplies high 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.
An automated manual transmission (AMT) has significant power interruption during every shift, resulting in reduced torque and slower acceleration.

During an average day on the job, a manual or AMT could shift up to 1,500 times. Any time a manual or AMT shifts, your fleet loses momentum, time, loads per day … and ultimately money.*

*Based on Comparative Construction Application Shift Data.

With an Allison fully automatic, constant power to the wheels and increased torque creates smoother, faster acceleration.
Allison Automatics save time with every shift. The more severe your duty cycle, the more time you save, leading to increased productivity. On vehicles with manual or automated manual transmissions (AMTs), there could be up to 1,500 shifts per day. The resulting power interrupts associated with those shifts (estimated at 1 – 3 seconds per shift*) could cost you over an hour of driving time per day, decreasing your productivity.

*Based on comparative data log tests of automated manual transmissions (AMTs).
Smart Controls

Allison automatic transmissions for construction applications have brains in addition to brawn. Advanced electronic controls provide the engine and vehicle integration needed to optimize the operational features you need to get the job done.

Power Take-Off (PTO) Enabled
This commands how and when the PTO engages and monitors operating conditions to minimize potential damage and hazards.

Auxiliary Function Range Inhibit
When the switch is open, it blocks unwanted shifts out of neutral. It also easily integrates with vocational vehicle elements and ensures that outriggers are up, crane booms are stowed and/or doors are shut.

Prognostics
Calibrated to the vehicle’s particular operating requirements, Allison prognostics monitor various operating parameters to determine and alert when service is due. This eliminates unnecessary fluid and filter changes and provides maximum transmission protection.
When The Work Is Tough, We’re At Our Best

Designed for durability and low maintenance, Allison Automatics deliver reliably in the toughest situations. Our extended service intervals keep you on the job longer and with no mechanical clutches, there is less wear and tear on all parts of the drivetrain. Drivers get smooth, reliable power to the wheels and fleet owners get fewer breakdowns, increased productivity and more miles between scheduled maintenance. Allison keeps you on the job, so you can get it done.

Increase Safety And Your Driver Pool

Today’s drivers are less familiar with driving manuals. This is not a problem with an Allison Automatic. Whether your drivers are experienced or new recruits, everyone benefits from more precise, safer handling and improved comfort. Once behind the wheel, drivers are more alert and in tune with the truck, leading to increased driver retention and better safety records.
The Allison Promise

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