



## ISUZU TRUCKS AUTOMATED MANUAL TRANSMISSION

### VERSATILE RELIABILITY

#### BEST OF BOTH WORLDS: ISUZU AUTOMATED MANUAL TRANSMISSION

Incorporating the two-pedal ease of an automatic transmission and the economy, performance and control of a manual transmission, Isuzu's Automated Manual Transmission (AMT) presents the best of both manual and automatic operations.

The fully automatic Isuzu AMT involves straightforward two-pedal use—one for the accelerator and one for the brake—but applies manual transmission architecture with an electronically-controlled clutch.

#### SEAMLESS DRIVING: AUTOMATIC MODE

In the default automatic mode, the transmission behaves like any other full automatic system, where optimum gear changes are selected and engaged electronically and to the correct RPM ratios. This ensures part and component longevity and the best possible fuel economy.

With Isuzu's AMT, you're able to seamlessly switch out of the default automatic mode and into manual mode, meaning gearing can be selected manually as the driver needs.

#### STRESS-FREE CONTROL: SWITCHING TO MANUAL MODE

With manual mode selected, the clutch is electronically engaged as you manually select the gear you need with the shifter. This ensures changes are made at the correct RPM every time.

#### FIT-FOR-PURPOSE

Whether you are manually selecting a specific gear whilst fully loaded on an incline, or you require stress-free driving while navigating busy city streets, the Isuzu AMT is there to deliver versatility, performance and reliability.

Isuzu's Torque Converter-AMT (TC-AMT) is also available in select models, adding that extra take-off muscle needed, especially in stop-start applications. Isuzu's TC-AMT technology amplifies torque, resulting in improved response from a standing start and a smoother overall drive experience.

#### MULTIPLE ISUZU AMT VARIANTS ARE AVAILABLE IN THE FOLLOWING RANGES:

**N Series (includes standard TC-AMT shifter type & TC-AMT shifter with park position)**

**F Series (includes TC-AMT for 4HK1 engine type)**

**Giga Series (includes standard AMT shifter type for MJX12 & MJX16 engine types)**

#### ISUZU TC-AMT IS AVAILABLE IN THE FOLLOWING RANGES:

**N Series**

**F Series**



## PRECISION CONTROL, RELIABLE PERFORMANCE

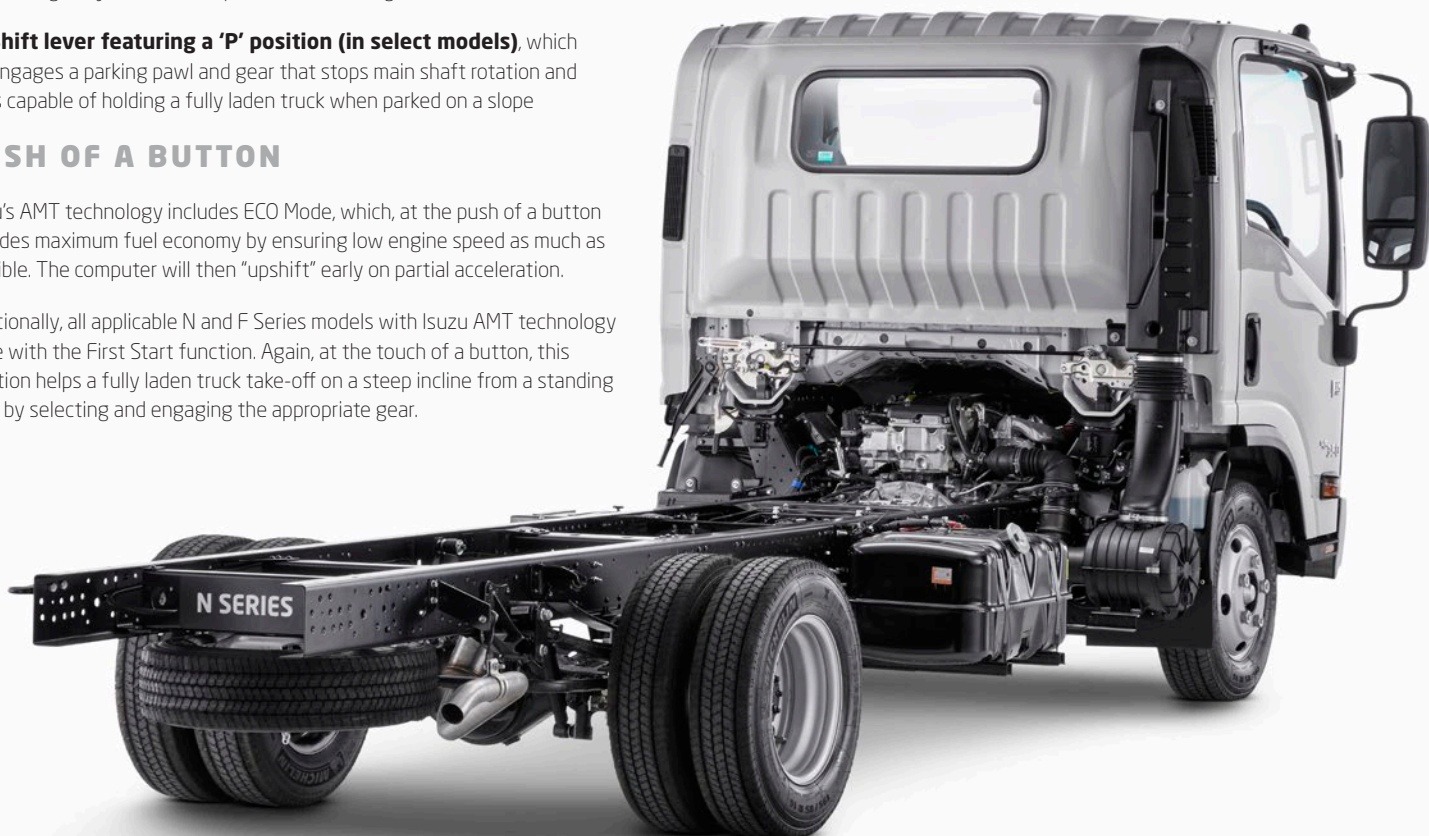
With smoother and more responsive gear changes through its linear solenoid design—and more efficient transmission-to-engine communication—the Isuzu AMT and TC-AMT deliver a sophisticated, intuitive drive, prompting a car-like experience behind the wheel.

- ✓ **Shift quality and launch feeling** of a full auto, with the **fuel economy and control** of a well-driven manual
- ✓ **Improved acceleration at lower speeds**, ideal for drivers who regularly deal with stop-start traffic or high idle time
- ✓ **Shift lever featuring a 'P' position (in select models)**, which engages a parking pawl and gear that stops main shaft rotation and is capable of holding a fully laden truck when parked on a slope

## PUSH OF A BUTTON

Isuzu's AMT technology includes ECO Mode, which, at the push of a button provides maximum fuel economy by ensuring low engine speed as much as possible. The computer will then "upshift" early on partial acceleration.

Additionally, all applicable N and F Series models with Isuzu AMT technology come with the First Start function. Again, at the touch of a button, this function helps a fully laden truck take-off on a steep incline from a standing start by selecting and engaging the appropriate gear.



## TWO-PEDAL VERSATILITY, OLD-SCHOOL EFFICIENCY

The delicate balance of high-level performance and straight forward operation means that Isuzu's AMT and TC-AMT truly offer the best of both worlds, neatly combining the ease of use of an automatic with the durability and control of a manual.

- ✓ **Improved** fuel economy
- ✓ **Improved** driver access with the AMT's two-pedal set-up
- ✓ **Improved** versatility in switching between automatic and manual modes—all without the fuss of a foot operated clutch

With the clear benefits of both manual and automatic transmissions, Isuzu's AMT covers all bases. What you're left with is power, efficiency and simplicity—all in an easy to operate, two-pedal package that just about anyone can drive.

## FOR MORE INFORMATION

Contact your local Isuzu Trucks dealer to find out more or visit [www.isuzu.com.au](http://www.isuzu.com.au).