



# 700 Series



# CORPORATE MISSION AND CORE PRINCIPLES

## MISSION

MAKE THE WORLD A BETTER PLACE TO LIVE BY HELPING PEOPLE AND GOODS GET WHERE THEY NEED TO GO – SAFELY, ECONOMICALLY AND WITH ENVIRONMENTAL RESPONSIBILITY, WHILE FOCUSING ON SUSTAINABLE DEVELOPMENT.

## PRINCIPLES

- Earn the world's trust as a global manufacturer of commercial vehicles.
- Develop and maintain innovative technologies enabling us to provide customers with useful products and services.
- Integrate sustainability, social concern and a keen awareness of change into our plans for growth.
- Respect the diversity of our employees and build a vibrant corporate culture.

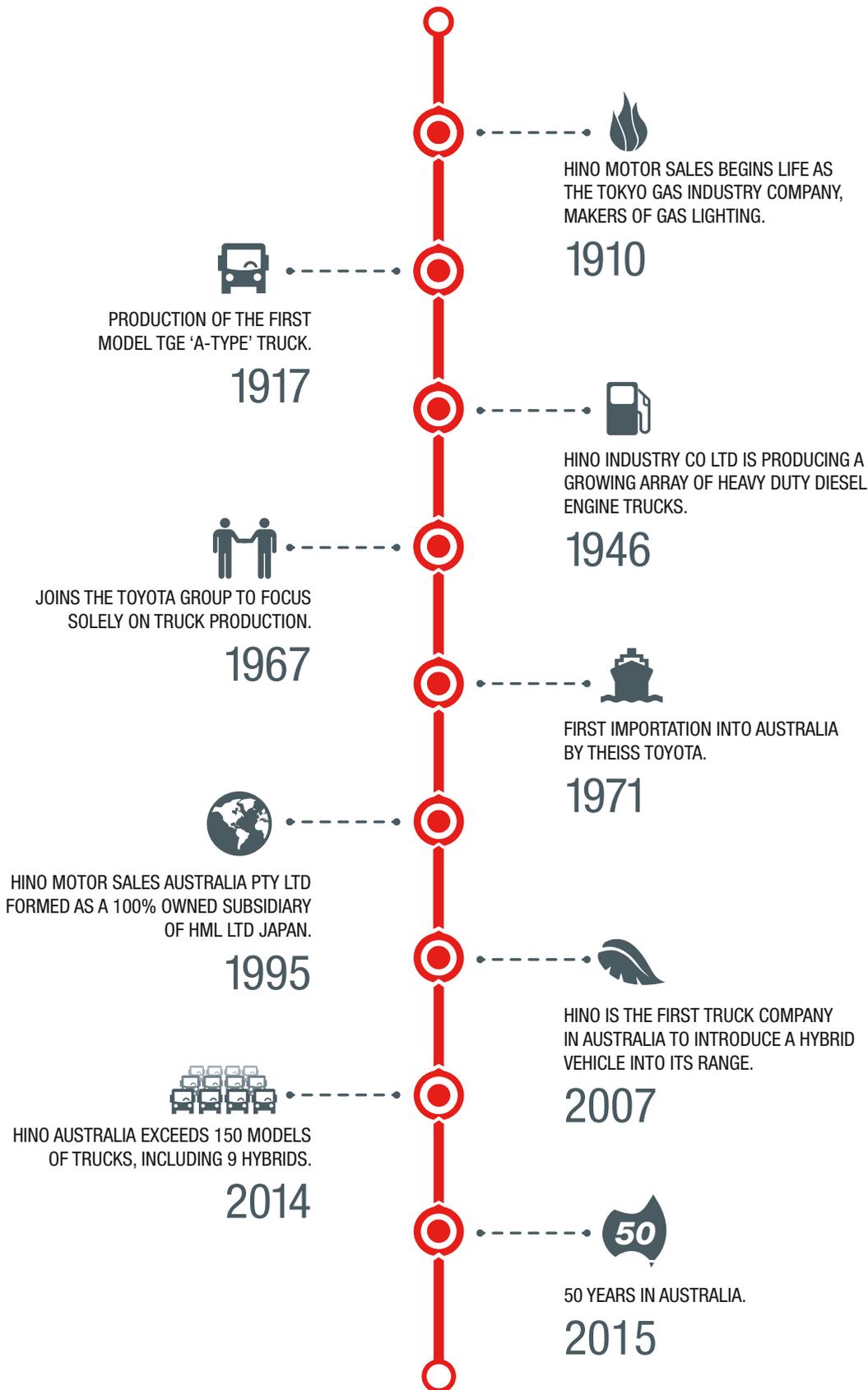
## QUALITY, DURABILITY & RELIABILITY

Hino trucks are conceived, designed and engineered with three guiding values: quality, durability and reliability (QDR).

Hino undertakes exhaustive testing at its three proving grounds under real-life driving conditions to ensure our values translate into real-life as superior trucks. This testing is supplemented by our unparalleled involvement in the Dakar rally, perhaps the most gruelling motor sport event in the world.

Hino has now competed and completed over 20 consecutive Dakar Rallies winning many titles along the way. The Dakar experience is used to further develop our QDR.

# HINO TIMELINE



# CORPORATE SOCIAL RESPONSIBILITY (CSR) AND ENVIRONMENT

Hino trucks CSR activities concentrate on the environment and the well-being of its customers, stakeholders, employees and communities worldwide.

Our commitment to the environment is manifested throughout all aspects of the business. Our global vision and principles focus on making a positive contribution by minimising environmental impact, while focusing on sustainable development.

Concern for the global environment has made Hino a leader in advanced diesel engine and emissions technologies.

## WORLD LEADER IN COMMERCIAL VEHICLE HYBRID TECHNOLOGY

Since its local launch in 2007, the Hino Hybrid low emission range of trucks has been the clear market leader in Hybrid commercial vehicle sales in Australia. The new generation Hino 300 Series Hybrid features the world's first Hybrid diesel engine designed exclusively for a commercial vehicle, delivering cleaner, more efficient transport solutions.

Lower exhaust emissions mean cleaner air. By employing a diesel electric Hybrid system, using an auxiliary electric motor that is emission-free, the Hino Hybrid drive system significantly reduces exhaust tailpipe emissions when compared to a conventional diesel-engine truck.

Compared to a conventional truck, the Hino Hybrid emits significantly reduced emissions of carbon monoxide, carbon dioxide, particulate matter and nitrogen oxide.

Hybrid technology is what Hino Motors currently consider the best suited for commercial vehicles to enhance the environmental performance of trucks and buses. This is an all round technology that focuses on everything from the distance that can be travelled, loading capacity, to adaptivity for various loading platforms and roles it can perform.

A large proportion of Hino trucks environmental focus is on the curbing of global warming through a reduction in the amount of CO<sub>2</sub> emitted by its vehicles. Hino has improved its existing diesel trucks so they meet and exceed efficiency and emission standards. Recent research into emission-reductions have included developments in electric light duty trucks, electric small buses, the Melpha plug-in hybrid bus, and the Profia electric refrigeration truck which uses hybrid battery systems for greater efficiency.

## CLEANER EMISSIONS

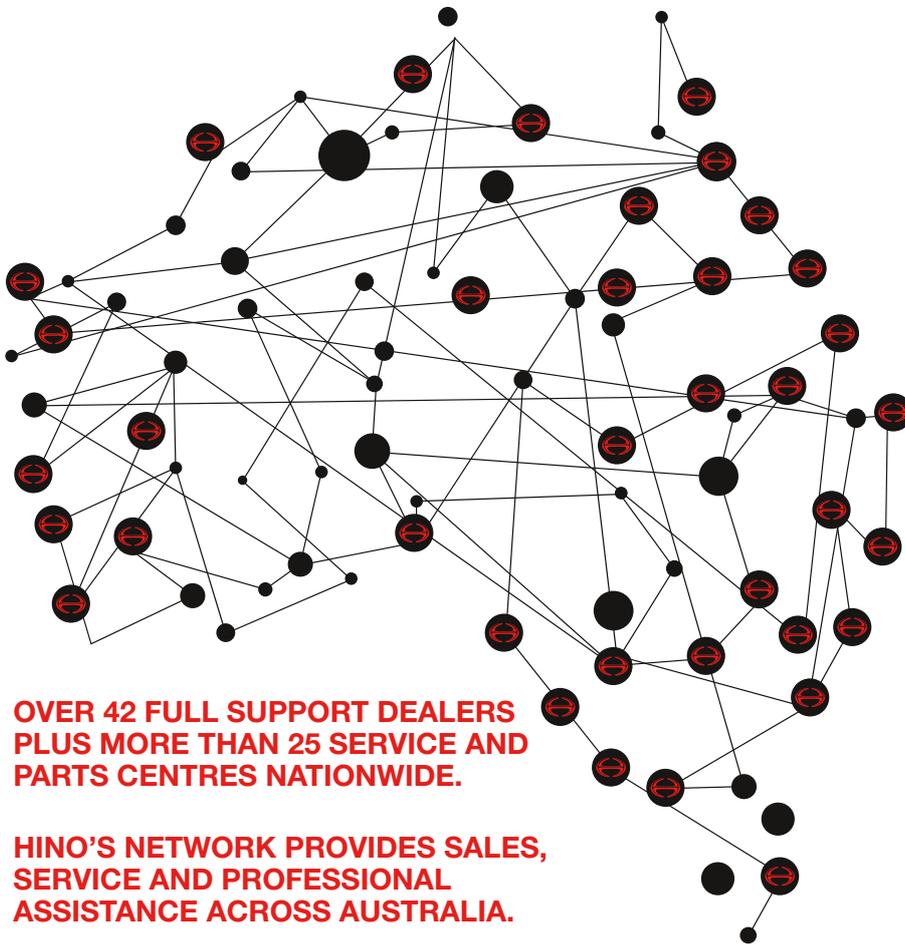
Hino uses Selective Catalytic Reduction (SCR). SCR is an exhaust after treatment system that virtually eliminates harmful oxides of nitrogen (NO<sub>x</sub>) from exhaust gases. Mixing NO<sub>x</sub> from the engine's exhaust with AdBlue®, a solution containing ammonia (NH<sub>3</sub>) produces nitrogen (N<sub>2</sub>) and small amounts of CO<sub>2</sub> as a result. This system fully complies with the current Australian emission standard by converting nearly all harmful exhaust gas emission into harmless nitrogen (N<sub>2</sub>) and water vapour (H<sub>2</sub>O).

Hino also uses a Diesel Particulate active Reduction system (DPR) which captures diesel particulates (soot) and incinerates them (regeneration) preventing their discharge into the atmosphere. DPR is a proactive exhaust filtration system which automatically self-cleans and traps over 95% of the exhaust carbon soot in a ceramic filter while also reducing the need for manual regeneration.





## ▶ DEALER COVERAGE



**OVER 42 FULL SUPPORT DEALERS  
PLUS MORE THAN 25 SERVICE AND  
PARTS CENTRES NATIONWIDE.**

**HINO'S NETWORK PROVIDES SALES,  
SERVICE AND PROFESSIONAL  
ASSISTANCE ACROSS AUSTRALIA.**

**HINO**  
Financial Services

[hinofinance.com.au](http://hinofinance.com.au)

### HINO FINANCIAL SERVICES

From an operating lease to term purchase, finance lease or small business loan, Hino Financial Services provides a range of business finance options through participating Hino dealerships.

### AFTER SALES SUPPORT





## ▶ 700 SERIES: HEAVY DUTY RANGE

**THE HINO 700 SERIES CONTINUES TO WIN OVER HEAVY TRUCK BUYERS WITH ITS CLASS LEADING COMBINATION OF RELIABILITY, COMFORT AND AFFORDABILITY.**

With over 10 heavy duty models in its line-up, the Hino 700 Series heavy duty range gets the job done. It has the ultimate combination of Japanese engineering, build quality, levels of standard safety equipment and lifesaving technologies.

The 700 Series has a purpose design driveline employing the ever reliable and efficient Hino 13 litre 440Hp, 450Hp and 480Hp engines.

These can be matched to a choice of either an 18 speed Roadranger constant mesh manual transmission or the 2-Pedal ProShift 16, automated manual transmission, fitted standard with an auxiliary braking hydraulic interarder (not available on FY models).

Hino 700 Series buyers have the choice of 4x2, 6x4 and 8x4 driveline configurations, suited to both prime mover and rigid truck applications.



700

## ▶ MODEL RANGE

16,000KG – 32,000KG GVM

AIR AND LEAF SUSPENSION

STANDARD AND HIGH ROOF SLEEPER

4x2, 6x4 AND 8x4

MANUAL AND AUTOMATED MANUAL TRANSMISSION (AMT)

700 FS 2844



700 FS 2848



700 FY 3248



700 SH 2045



700 SS 2848



700 SS 2848 HI ROOF



# ▶ INTERIOR



## **DRIVER SEAT**

Industry leading ISRI 6860/870 series seat features a high back and multi adjustable air suspension seat. (Seat cover not included.)



## **PASSENGER SEAT**

High back and reclined seat provide a comfortable ride for your passenger.



## **SEATBELTS**

The driver's seat comes with an integrated seat belt and pretensioner providing ultimate comfort and safety for the driver.

The passenger has a 3-point, ELR seatbelt for the outer passenger and a lap belt for the centre passenger.



## **TILT & TELESCOPIC STEERING**

Fully adjustable tilt and telescopic steering with locking device offers multiple driving positions, for greater driver comfort.



### OVERHEAD CONSOLE

Overhead Console with lockable lid is perfect for vehicle manuals and work documents.

## ON BOARD TECHNOLOGY



### REVERSE CAMERA (OPTIONAL)

Up to three cameras fully waterproof with night vision and a microphone on the main camera, to assist in driver safety and comfort while reducing the likelihood of property damage.



### MULTIMEDIA UNIT

The Hino multimedia system on 700 Series trucks boasts an extensive list of advanced features. It includes a 6.1 inch high definition touch screen, DAB+ digital radio, AM and FM radio, CD, DVD, USB and SD giving access to digital photographs, video and audio files.

The system also features the latest Bluetooth™ hands-free phone connectivity with voice dialling and full phone book functionality, as well as A2DP audio file Bluetooth™ streaming.



### NAVIGATION SYSTEM (OPTIONAL)

The multimedia system is also available with the option of a special truck-specific satellite navigation system – which features notification of load and height limited roads, as well as having the capability for input of multiple destinations, making life easier for delivery drivers and couriers on the job.



# ▶ EXTERIOR



## **HIGH-INTENSITY DISCHARGE (HID)** (SH & SS MODEL ONLY)

Produce three times more light than standard halogen lights for increased visibility and driver safety.

HID headlamps also consume less power and last up to 10 times as long as standard halogen lights.



## **VISIBILITY**

Individual large flat, heated and electronically adjustable main mirror with a separate adjustable heated convex spotter mirror and an additional kerb observation mirror gives the driver a comprehensive view of whatever is behind, below and to the side of the cabin, for improved safety and reduced property damage.



## **FOOTSTEPS**

Class leading step design with illuminated, well-positioned and fully enclosed intermediate and top steps and a semi-enclosed lower step.

## **ACCESSIBILITY**

Generously sized door-openings assist the driver with effortless entry and exit from cab. Multiple grab handles for ease of access.

## **ELECTRO/HYDRAULIC FORWARD TILTING CAB**

Electro/Hydraulic forward tilting cab facilitates easy inspections, without the need to remove panels, leading to faster repair and maintenance times. For added safety a warning light and buzzer notifies the driver if the cab is not fully secured and locked in place.

# CHASSIS AND SUSPENSION

## CHASSIS

Ladder-type channel section side rails made from 620MPa high tensile steel provide strength without compromising on weight and durability.

## STABILISERS

Front stabiliser bar offers enhanced stability, especially when carrying loads with a high centre of gravity.



\*Illustration purposes only.

## REAR SUSPENSION

Option of two rear suspensions (on selected models)

1. Heavy duty V-rod leaf suspension provides superior articulation to maximise traction in off-highway terrain with superior load carrying ability.
2. Airbag suspension system gives a smooth ride and consistent dock-height capability.

## FRONT SUSPENSION

Parabolic/taper leaf front suspension is designed to enhance ride quality and handling stability while reducing weight.



# ENGINE AND TRANSMISSION

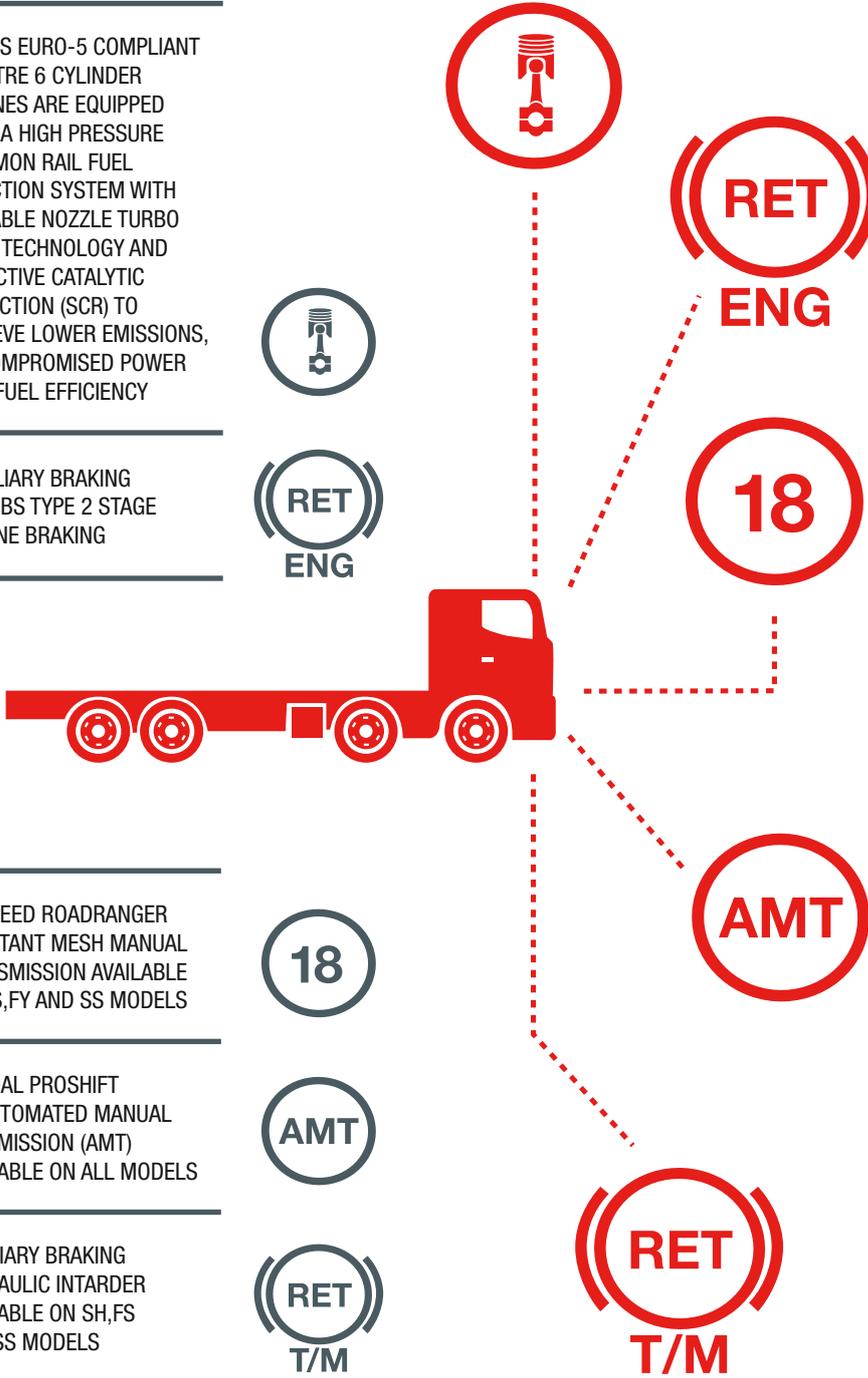
HINO'S EURO-5 COMPLIANT 13 LITRE 6 CYLINDER ENGINES ARE EQUIPPED WITH A HIGH PRESSURE COMMON RAIL FUEL INJECTION SYSTEM WITH VARIABLE NOZZLE TURBO (VNT) TECHNOLOGY AND SELECTIVE CATALYTIC REDUCTION (SCR) TO ACHIEVE LOWER EMISSIONS, UNCOMPROMISED POWER AND FUEL EFFICIENCY

AUXILIARY BRAKING  
JACOBS TYPE 2 STAGE  
ENGINE BRAKING

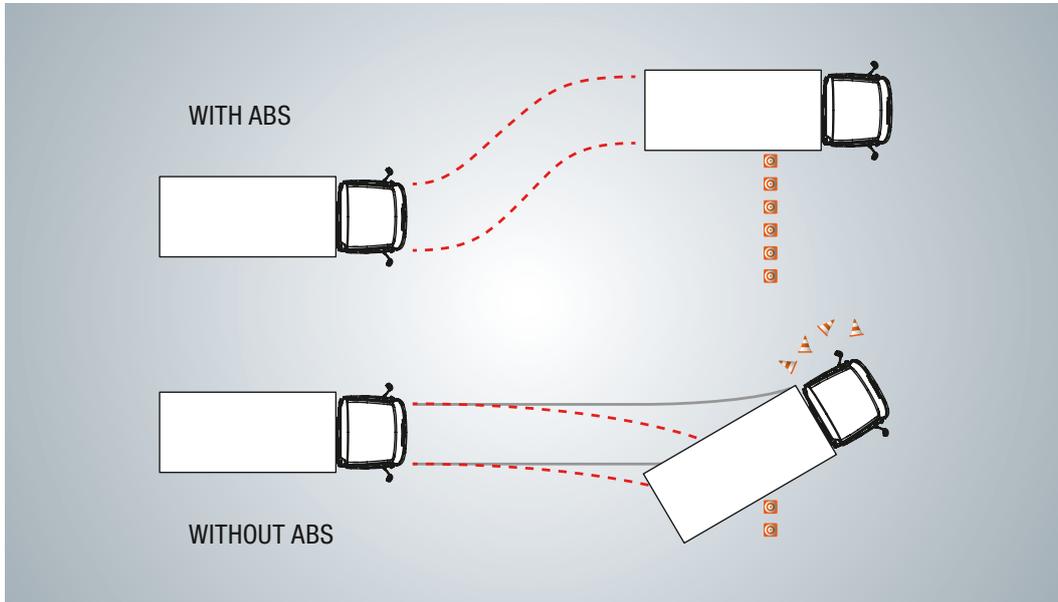
18 SPEED ROADRANGER  
CONSTANT MESH MANUAL  
TRANSMISSION AVAILABLE  
ON FS, FY AND SS MODELS

2 PEDAL PROSHIFT  
16 AUTOMATED MANUAL  
TRANSMISSION (AMT)  
AVAILABLE ON ALL MODELS

AUXILIARY BRAKING  
HYDRAULIC INTARDER  
AVAILABLE ON SH, FS  
AND SS MODELS



# ▶ SAFETY



## ANTI LOCK BRAKING SYSTEM (ABS)

Helps the driver keep control in braking situations. Delivers increased safety for the driver, occupants and other road users when 'emergency-braking' around obstacles, this can lead to reductions in accidents.



## VEHICLE STABILITY CONTROL (SH MODELS ONLY)

Selective braking applied to individual wheels can help the driver maintain control in slippery and wet conditions or when a driver has miscalculated a cornering speed. This reduces rollovers and skid incidents.

# SAFETY



## CRUISE CONTROL

Sets the vehicle to the designated speed, usually resulting in better fuel efficiency. This reduces fatigue in day to day metropolitan, regional and long haul applications.



## SRS AIRBAG (SUPPLEMENTAL RESTRAINT SYSTEM)

Designed to deploy in a severe frontal impact for additional driver safety.



## FUPS (FRONT UNDERRUN PROTECTION SYSTEM)

Hino have standard ADR84 FUPS compliance on all 700 series models. Hino FUPS is designed to interact with a light vehicle crumple zone in an accident. FUPS also helps protect the trucks steering, so that in the moments after an impact, the vehicle can be safely steered to avoid further serious impacts.

**700** Series



**HINO**  
A BETTER CLASS OF TRUCK



**For further information please visit [hino.com.au](http://hino.com.au) or call 1300 014 466**

Conditions apply. See Hino website for details. Hino Financial Services is a division of Toyota Finance Australia Limited ABN 48 002 435 181, a member of the Toyota Group Company.

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