



# HINO 700 SERIES

SH1EERA | 4 X 2 PRIME MOVER  
GCW 55,000KG



Compliance with United Nations Regulation (UNR) by JPJ



Terms and Conditions apply\*

**HINO MOTORS SALES (MALAYSIA) SDN BHD** (187863-U)

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[www.hino.com.my](http://www.hino.com.my)



# PERFORMANCE

MT 4 x 2  
PRIME  
MOVER



**NEW**  
AMT 4 x 2  
PRIME MOVER

**EURO 3**

ENGINE MODEL  
E13C-TM



**DISPLACEMENT:**  
12,913cc, 6-cylinder in-line,  
Turbo-Charged Intercooler,  
Commonrail

**ENGINE OUTPUT:**  
309kW (420PS) / 1,800rpm

**E/G TORQUE :**  
1,903Nm (194kgfm) / 1,100rpm

**AUTO CRUISE**

**SH1EERA**

# COMFORTABILITY



## OPTIMIZED CAB SPACE

Better visibility and operability, spacious and quality interior provide drivers the comfort they need.



## HIGH-FUNCTIONALITY SEATS

The three-dimensional, body-cradling form and seat suspension from ISRI, a top European name, provides superior seating comfort. The air lumbar support (with two position backrest) supports the driver's back comfortably.



Front

## LONG TAPERED LEAF SPRING

## SUSPENSION SYSTEM

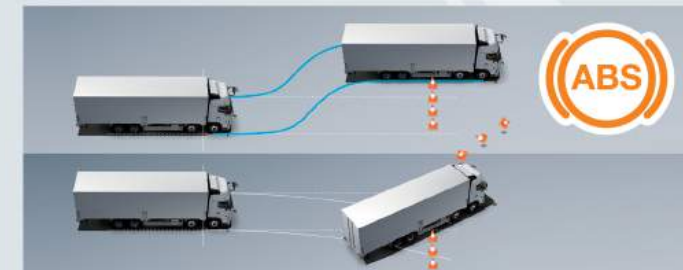
The suspension system offers improved ride comfort and stability on rough road condition.



## CAB ACCESSIBILITY

The first step is now connected directly to the chassis, bringing it closer to ground level. Cabin access is also easier and safer due to new, optimized 3-step pitch. The larger door openings and footsteps allow easy access to enter and exit.

# SAFETY



## ANTILOCK BRAKING SYSTEM (ABS)

ABS helps the driver maintain control of the vehicle when braking on a slippery surface by selectively controlling the braking force of individual wheel in order to prevent the wheels from locking.



## FULL AIR BRAKE SYSTEM

Full-air brake system improves braking responsiveness and performance without the need of brake fluid.

## SRS AIRBAG

The SRS driver airbags are designed to complement the seatbelts to reduce shocks applied to the head and chest of the driver in the event of a frontal impact collision.



## FRONT UNDER-RUN PREVENTION (FUP)

FUP is provided at the lower front end to prevent the underrunning of a passenger car in the event of a head-on collision.



## DOOR IMPACT BEAMS

High-rigidity door impact beams at the side help to increase driver and passenger safety from a side collision.



## REFLECTOR HEADLAMP

Enhanced night time visibility with new large reflector headlamp.



## SIDE MIRROR

Enhanced driver vision with partitioned mirror surfaces encased in a aerodynamic cover.



## ENERGY-ABSORBING STEERING COLUMN

In the event of a head-on collision, the collapsible, energy-absorbing steering wheel and tilt/telescope steering column help to absorb some of the impact, providing better protection for the driver.

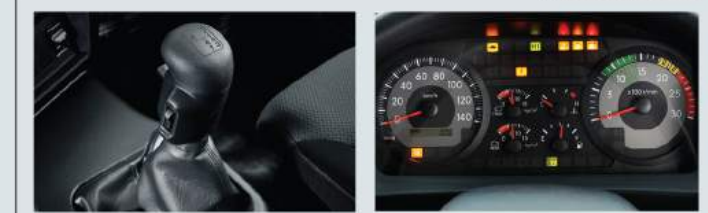
AMT MODEL



## AMT GEAR

The outstanding 16 speed fully automated manual transmission (AMT) is easy and comfortable to drive, reducing driver fatigue and even improving fuel consumption under certain conditions. Driver also has the option to select a sequential manual mode for on-demand shifting conditions.

MT MODEL



## MANUAL TRANSMISSION

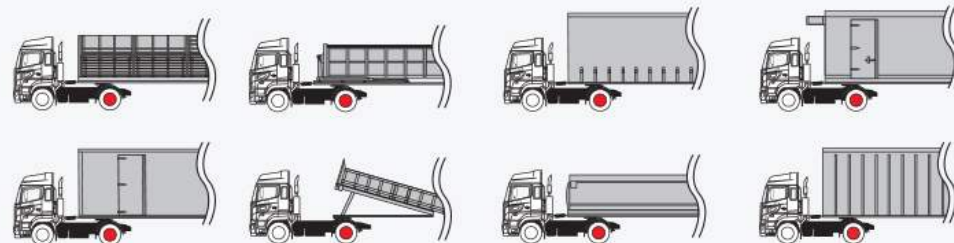
HINO's proven and highly durable manual transmission gives drivers control over gearing based on operation and road conditions faced.

# APPLICATION

## BODY TYPE

A truck for every application of bodies suit your type of business.

● Drive Axle



Note: Some images may be used for illustration purposes only.



# SPECIFICATIONS



SH1EERA-LAM (MT)

SH1EERA-MRM (AMT)

Engine	Model		HINO E13C - TM (EURO 3)	
	Type		Diesel, 6-Cylinder, Vertical-in-line, Overhead Cam, Water Cooled	
	Displacement	cc	12,913	
	Max Output (JIS Gross)	KW (PS / rpm)	309 (420) / 1,800	
	Max Torque (JIS Gross)	Nm (Kgfm / rpm)	1,903 (194) / 1,100	
	Bore & Stroke	mm	137 x 146	
	Fuel Injection System		Electronic Control, Common Rail Type	
	Max. Engine Speed	Rpm	2,150	
Clutch	Type		Dry Single Plate With Damper Springs Ø 430mm	
	Control		Hydraulic with Air Booster	
Transmission	Model		MZ12	ZF16TX2440TO
	Type		Twelve (12) Forward and Two (2) Reverse Speeds, Overdrive, Synchromesh 1st-12th	Sixteen (16) Forward and Two (2) Reverse Speeds, Overdrive
	Control		Manual control with power shift	Mechanical Auto
Axle	Front	Type	Reversed Elliot, "I" section beam	
		Capacity	kg	7,500
	Rear	Type	Full-Floating, Single Reduction, Single Speed by Hypoid Gearing	
		Capacity	kg	13,000
Brake	Service Brake Type		"S" Cam Type, Drum Brake, Anti Lock Braking System (ABS), Full Air, Dual Circuit	
	Parking Brake Type		Spring Brake, Acting on All Wheels for Emergency and Parking Brake Purpose	
Suspension	Front	Type	Parabolic leaf springs with shock absorbers and stabilizers	
	Rear	Type	Parabolic leaf springs with double acting shock absorbers	
Steering	Type		Telescopic and Tilt Steering Column with Locking Device, Recirculating Ball with Hydraulic Booster, Integral Type	
Wheels and Tires	Tire Size		295 / 80 R22.5; Seven (7) [including One (1) Spare Tire]	
	Rim Size		Ten (10) - Stud Wheels (ISO Type); 22.5 x 8.25	
Electrical	Type		24V, Negative Earth	
	Battery		12V x 2, Series Connection; 432kC (120 A - h) at 20-hour rate	
	Alternator Capacity		24V, 60Amp	
Fuel Tank Capacity	L		390	

## PERFORMANCE

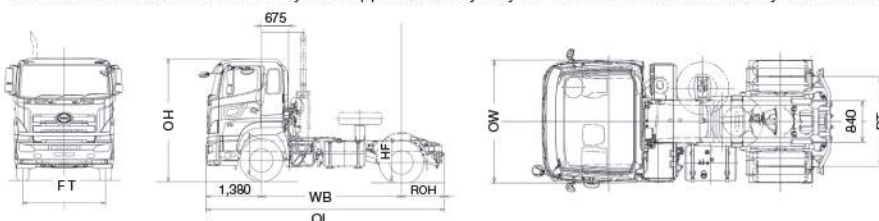
G.C.W Rating	kg		55,000	
Performance	Max. Speed		90	
	Gradeability		(tan Ø) %	50.5
Transmission Gear Ratio	1st		10.13 / 8.05	14.68 / 12.05
	2nd		6.41 / 5.10	9.92 / 8.14
	3rd		4.04 / 3.21	6.78 / 5.56
	4th		2.51 / 1.99	4.57 / 3.75
	5th		1.59 / 1.26	3.22 / 2.64
	6th		1.00 / 0.80	2.17 / 1.78
	7th		-	1.49 / 1.22
	8th		-	1.00 / 0.82
Rear Axle Carrier	Model		SH19	
	Ratio		4.333	

## DIMENSION AND MASS

Chassis Mass	Front	kg	4,645	4,595
	Rear	kg	2,095	2,085
	Total	kg	6,740	6,680
Wheelbase (WB)	mm		3,480	
Overall Length (OL)	mm		5,935	
Overall Width (OW)	mm		2,490	
Overall Height (OH)	mm		3,015	
Rear Overhang (ROH)	mm		1,075	
Front Tire Tread (FT)	mm		2,050	
Rear Tire Tread (RT)	mm		1,820	
Turning Radius (On tire)	mm		6,200	
Seating Capacity	mm		2	

HINO MOTORS SALES (MALAYSIA) SDN. BHD. is engaged in an ongoing research and development program, and reserves the right to change specification without prior notice in order to pass on to the customer any resulting advances or technical refinements. All specifications of the product are within normal manufacturing allowances and tolerances.

Dimensions are based on JPJ Body Plan Approval. It may vary +/- 50 mm from the actual body constructions.



HINO Authorized Dealer: