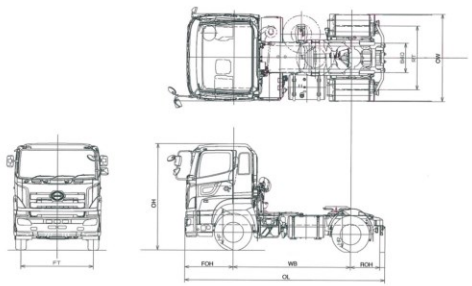
SPECIFICATIONS : SH1E 4X2 Prime Mover

HINO 700 SERIES

ITEM				SH1EERA	SH1EERG
Engine	Model			HINO 13C -TM (Euro 3)	
	Type			Diesel, 6-cylinder, Vertical-in-line, Overhead Cam, Water Cooled	
	Displacement		L	12.913	
	Max. Output (JIS Gross)		Kw(PS)/rpm	309 kW (420 PS) at 1,800 rpm	
	Max. Torque (JIS Gross)		Nm(kgfm)/rpm	1,903 Nm (194 kgf.m) at 1,100 rpm	
	Bore and Stroke		mm	137 X 146 mm	
	Fuel Injection System			Electronic Control Common Rail Type	
	Air Intake System			Turbo Charged Intercooled	
	Max. Engine Speed		rpm	2,150	
Clutch	Type			Dry Single Plate with Damper Springs	
	Control			Hydraulic with Air Booster	
	Diameter		mm	430	
Transmission	Model			MZ12	
	Type			Twelve (12) Forward and Two (2) Reverse Speeds, Overdrive, Synchromesh 1st-12th	
	Control			Mechanical with Power Assistance	
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, Leading and Trailing Shoes for Front and Rear with Anti-Lock Brake System (ABS)	
	Service Brake Control			Full Air, Dual Circuits	
	Parking Brake Type			Spring Brake, Acting on All Wheels for Emergency and Parking Brake Purpose	
Suspension	Front	Type		Semi-Elliptic Tapared Leaf Springs with Shock Absorber and Stabilizer	
	Rear	Type		Parabolic Leaf Spring with Double Acting Shock Absorber	Air Bag Suspension with Shock Absorber and Mechanical Height Control
Steering	Type			Telescopic and Tilt Steering Column with Locking Device, Recirculating Ball with Hydraulic Booster, Intergral Type	
Wheels and Tires	Wheel Type			Ten (10) - Stud Wheels (ISO Type)	
	Rim Size			22.5 X 8.25	
	Tire Size			295/80R22.5 – 16PR	
	No. of Tires			Seven (7) [Including One (1) Spare Tire]	
Electrical	Type			24 Volt, Negative Earth	
	Battery			Two (2) X 12 Volt, Series Connection	
	Capacity			243kC (65 A - h) at 20-hour rate	
	Alternator Capacity			24 Volts, 60Amp	
Fuel Tank Capacity			L	390	
PERFORMANCE					
GCW Rating			kg	55,000	
Performance	Max. Speed		km/h	119	
	Gradeability		(tan ∅) %	35.3	
Transmission Gear Ratio	1st			10.127 / 8.054	
	2nd			6.414 / 5.101	
	3rd			4.038 / 3.211	
	4th			2.507 / 1.994	
	5th			1.588 / 1.263	
	6th			1.000 / 0.795	
	Reverse			9.902 / 7.875	
Rear Axle Carrier	Model			SH19	
	Ratio			4.333	
DIMENSION AND MASS					
Chassis Mass (without standard tool set and spare tyre)	Total	kg		6,990	6,895
	Front	kg		4,655	4,610
	Rear	kg		2,335	2,290
Wheelbase	WB	mm		3,480	3,330
Overall Length	OL	mm		5,935	5,685
Overall Width	OW	mm		2,490	2,490
Overall Height	OH	mm		3,015	3,015
Font Overhang	FOH	mm		1,380	1,380
Rear Overhang	ROH	mm		1,075	975
Front Tire Tread	FT	mm		2,050	2,050
Rear Tire Tread	RT	mm		1,820	1,840
Turning Radius (on tire)		mm		6,200	6,000
Seating Capacity				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.



Hino Authorised Dealer :

Ver.2/06.2014

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Regional Office, Sabah: Mile 4 ½ Jalan Tuaran, Lot No. 353, Taman Cempaka, Likas, 88450 Kota Kinabalu, Sabah, Malaysia. **Tel: (088) 393 663 Fax: (088) 424 223**

www.hino.com.my

AIM FOR CUSTOMER **TRUST AND CONFIDENCE**

700 Series

HINO
A Group of Toyota Japan

SH1EERA | SH1EERG

GCW 55,000kg
4 x 2 PRIME MOVER

ABS

TRUCK OF THE YEAR 2013
New Straits Times
Shell Rimula

Environmental Friendly | **More Power** | **Low Fuel Consumption**

AIM FOR CUSTOMER **TRUST AND CONFIDENCE**

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 andseat 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.

High Comfortability

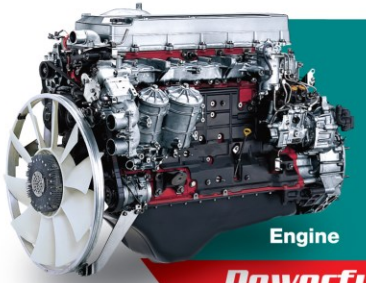
Cab Accessibility

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 the new, optimized 3-step pitch. The larger door openings and footsteps allow easy access to enter and exit.

Aerodynamic

The cab has resulted from pursuit of the world top level aerodynamic performance. The exterior design combines an attractive, imposing and dominant character of a large vehicle with aerodynamic performance and safety at a higher order and contributes to the excellent fuel economy.

Fuel Economy



Engine

EURO 3

E13C-TM

Displacement :
12913cc, 6-cylinder in-line
Turbo-Charged Intercooler, Common Rail

E/G Output :
309kW (420PS) / 1800rpm

E/G Torque :
1903Nm (194 kgf.m) / 1100rpm

Powerful 420PS Engine

SRS Airbag (Only applicable for SH1EERG)

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

Equipped with Power Window & Central Locking

Equipped with Electric Side Mirror

HINO 700 SERIES

The HINO 700 Series has been designed to be endowed with levels of performance and reliability through tests repeated many times to develop the "ideal" heavy-duty truck based on data gathered from various countries around the world.

Enhance Safety

Door Impact Beams

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

Energy-Absorbing Steering Column

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

Front
Long Tapered Leaf Spring

Rear
2 Point Air Suspension
(Only applicable for SH1EERG)

Suspension

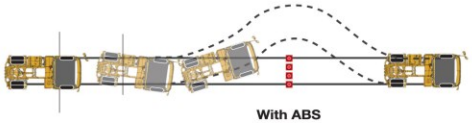
The tapered leaf springs excellent in the absorption of shocks from the roadway surface are used to reduce cargo bed vibration.

Front Under-run Prevention Guard (Fup)

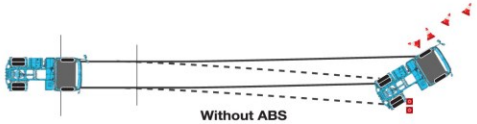
An FUP is provided at the lower front end to prevent the under-running of a passenger car in the event of a head-on collision.

ABS Antilock Braking System

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



With ABS



Without ABS

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

Legend
- Drive Axle

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