HINO, TRUCKS THAT DELIVER

HINO 700
SPEC SHEET

HINO

Description	2841 TIP	2841 FC	2841 TT	2845 TT
Cab Type	**Single Sleeper Cab**	**Single Sleeper Cab**	**Single Sleeper Cab**	**Single Sleeper Cab**
Configuration	**6 x 4**	**6 x 4**	**6 x 4**	**6 x 4**
ENGINE				
Make	HINO	HINO	HINO	HINO
Model	HINO E13C-BG	HINO E13C-BG	HINO E13C-BG	HINO E13C-BF
4 Stroke Compression Ignition	Yes	Yes	Yes	Yes
Aspiration	Turbocharged and Intercooled	Turbocharged and Intercooled	Turbocharged and Intercooled	Turbocharged and Intercooled
Bore x Stroke (mm)	137 x 146	137 x 146	137 x 146	137 x 146
Piston Displacement (cc)	12 913	12 913	12 913	12 913
Compression Ratio:	17: 1	17: 1	17: 1	17: 1
Configuration	In-line 6 Cylinder	In-line 6 Cylinder	In-line 6 Cylinder	In-line 6 Cylinder
Engine oil cooler	Yes	Yes	Yes	Yes
Euro Emission Status	Euro 2	Euro 2	Euro 2	Euro 2
Firing order	1-4-2-6-3-5	1-4-2-6-3-5	1-4-2-6-3-5	1-4-2-6-3-5
Max Eng. Speed rpm	2 300	2 300	2 300	2 300
No of Main Bearings	7	7	7	7
Number of Cylinders	6	6	6	6
Number of Valves per Cylinder	4	4	4	4
Power (ISO NET) (kW@rpm)	302 @ 1 500 - 1 800	302 @ 1 500 - 1 800	302 @ 1 500 - 1 800	331 @ 1 500 - 1 800
Torque (ISO NET0 (Nm@rpm)	1961 @ 1 000 - 1 400	1961 @ 1 000 - 1 400	1961 @ 1 000 - 1 400	2157 @ 1 050 - 1 400
Type of Cylinders	Dry Liners	Dry Liners	Dry Liners	Dry Liners
Valve Configuration	Overhead Camshaft	Overhead Camshaft	Overhead Camshaft	Overhead Camshaft
TRANSMISSION				
Make	ZF	ZF	ZF	ZF
Model	ZF16 TX2440TO	ZF16 TX2440TO	ZF16 TX2440TO	ZF16 TX2440TO
Synchromesh or Automatic	AMT	AMT	AMT	AMT
No of forward gears	16	16	16	16
Gearshift operation	Mechanical Auto	Mechanical Auto	Mechanical Auto	Mechanical Auto
Gear Ratio (1st - Top Gear)	14.682 - 0.821	14.682 - 0.821	14.682 - 0.821	14.682 - 0.821
Reverse Ratio	14.138 / 11.602	14.138 / 11.602	14.138 / 11.602	14.138 / 11.602
SERVICE BRAKE				
Type	Full Air, Wedge Type	Full Air, Wedge Type	Full Air, Wedge Type	Full Air, Wedge Type
Service Brake Line	Dual Circuit	Dual Circuit	Dual Circuit	Dual Circuit
Front & Rear Wheel Brake	Drum	Drum	Drum	Drum
HINO ES (Easy & Smooth) Start System	Yes	Yes	Yes	Yes
AUXILIARY BRAKE				
Hino Engine Retarder	Yes	Yes	Yes	Yes
Transmission Intarder (ZF Intarder 9ZF IT3)	No	Yes	Yes	Yes
PARKING BRAKE				
Type	Air Operated Spring Brake	Air Operated Spring Brake	Air Operated Spring Brake	Air Operated Spring Brake
STEERING				
Type	Telescopic & Tilt Steering Column, Power Steering	Telescopic & Tilt Steering Column, Power Steering	Telescopic & Tilt Steering Column, Power Steering	Telescopic & Tilt Steering Column, Power Steering
Rack & Pinion Gear Ratio	Variable Gear Ratio	Variable Gear Ratio	Variable Gear Ratio	Variable Gear Ratio
Turning radius between kerbs (mm)	7 900	10 700	7 200	7 200
Turning radius between walls (mm)	8 760	11 600	8 100	8 100
WHEEL & TYRE				
Tyre size	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5
Wheel size	22.5 x 9	22.5 x 9	22.5 x 9	22.5 x 9
Load/speed rating	3 750 - 3 350/130	3 750 - 3 350/130	3 750 - 3 350/130	3 750 - 3 350/130
No of Wheels [Including Spare Wheel(s)]	11	11	11	11
Spare Wheel Carrier Location	Chassis	Chassis	Chassis	Chassis
Tyre Construction	Radial Tubeless	Radial Tubeless	Radial Tubeless	Radial Tubeless
Attachment	ISO 10-Stud	ISO 10-Stud	ISO 10-Stud	ISO 10-Stud
Wheel Type	Single Steel Piece	Single Steel Piece	Single Steel Piece	Single Steel Piece
REAR AXLE				
Model	THD17	THD17	THD17	THD17
Type	Full-floating Single Reduction Single Speed by Hypoid Gearings	Full-floating Single Reduction Single Speed by Hypoid Gearings	Full-floating Single Reduction Single Speed by Hypoid Gearings	Full-floating Single Reduction Single Speed by Hypoid Gearings
Ratio (:1)	3.9	3.9	3.9	3.9
FUEL TANK (L)				
Capacity	390	390	390	390
Capacity {sub tank}	-	-	450	450

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SAFETY & SECURITY				
Air Bag (Driver Side Only)	SRS Airbag System	SRS Airbag System	SRS Airbag System	SRS Airbag System
Safety Device	ABS (Anti Lock Brake System) ACC (Adaptive Cruise Control) ASR (Anti-Slip Regulation) EBS (Electronic Control Brake System) LDWS (Lane Departure Warning) PCS (Pre-Collision System) Staggering warning VSC (Vehicle Stability Control) System)	ABS (Anti Lock Brake System) ACC (Adaptive Cruise Control) ASR (Anti-Slip Regulation) EBS (Electronic Control Brake System) LDWS (Lane Departure Warning) PCS (Pre-Collision System) Staggering warning VSC (Vehicle Stability Control) System)	ABS (Anti Lock Brake System) ACC (Adaptive Cruise Control) ASR (Anti-Slip Regulation) EBS (Electronic Control Brake System) LDWS (Lane Departure Warning) PCS (Pre-Collision System) Staggering warning VSC (Vehicle Stability Control) System)	ABS (Anti Lock Brake System) ACC (Adaptive Cruise Control) ASR (Anti-Slip Regulation) EBS (Electronic Control Brake System) LDWS (Lane Departure Warning) PCS (Pre-Collision System) Staggering warning VSC (Vehicle Stability Control) System)
Seatbelt	Driver (pre-tensioner), Passenger (emergency locking retractor)	Driver (pre-tensioner), Passenger (emergency locking retractor)	Driver (pre-tensioner), Passenger (emergency locking retractor)	Driver (pre-tensioner), Passenger (emergency locking retractor)
Side impact beams	Std	Std	Std	Std
Transponder Key Immobiliser	Std	Std	Std	Std
COMFORT & CONVENIENCE				
Air-conditioner	Std	Std	Std	Std
AM/FM radio with CD player, USB, AUX, Bluetooth	Std	Std	Std	Std
Electric windows	Std	Std	Std	Std
Key activated central locking	Std	Std	Std	Std
Storage Facilities	Std	Std	Std	Std
MASS DATA (KG)				
A - Front	7 500	7 500	7 500	7 500
A - Rear	21 800	21 800	21 800	21 800
Approx. body + payload allowance	16 860	16 470	15 895	15 895
D/T	65 000	65 000	65 000	65 000
GA - Front	7 500	7 500	7 500	7 500
GA - Rear	21 800	21 800	21 800	21 800
GCM	65 000	65 000	65 000	65 000
GVM	28 300	28 300	28 300	28 300
Tare - Front	4 805	4 980	5 010	5 010
Tare - Rear	3 835	4 050	4 595	4 595
Tare - Total (incl. spare wheel)	8 640	9 030	9 605	9 605
V - rating	25 500	25 500	25 500	25 500
DIMENSIONS (MM)				
BBC - Rear Structure	2 035	2 035	2 035	2 035
OL -Overall Length	7 685	10 835	6 845	6 845
WB - Wheel Base Std	3 600 + 1 350	5 400 + 1 350	3 150 + 1 350	3 150 + 1 350
WB - Wheel Base (Min - Max)	No chassis modification allowed	No chassis modification allowed	No chassis modification allowed	No chassis modification allowed
CA - Cab to Axle Center	3 640	5 440	3 190	3 190
OVH - Overall Vehicle Height	3 025	3 025	3 025	3 025
HF - Frame Height Front Axle	1 015	1 015	1 015	1 015
HR - Frame Height Rear Axle	1 085	1 085	1 090	1 090
MGC - Minimum Ground Clearance	255	255	255	255
CW - Cab Width (excl. mirrors)	2 490	2 490	2 490	2 490
WARW - Width Across Rear Wheels	2 540	2 540	2 485	2485
FW - Frame Width (Outside)	840	840	840	840
FOH - Front Overhang	1 400	1 400	1 400	1 400
ROH - Rear Overhang	1 285	2 635	835	835
FT - Front Track	2 030	2 030	2 030	2 030
RT - Rear Track	1 880	1880	1 825	1 825
Max. Homologated Body Width	2 600	2 600	2 600	2 600
Max. Body Length	5 500	8 500	N/A	N/A

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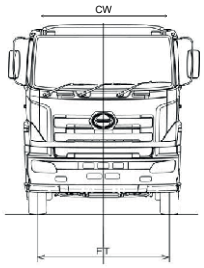

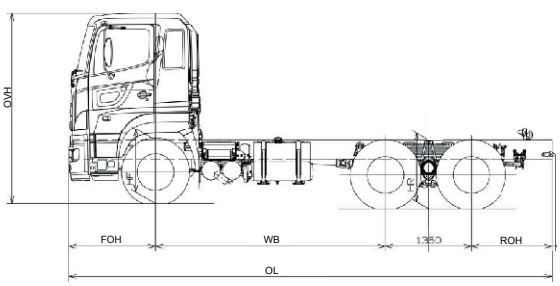

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JAPAN'S LEADING TRUCK BRAND BUILT TO DELIVER IN AFRICA

When safety really matters, the HINO 700 series is the truck that performs way above average.

Quality, Durability and Reliability - these are the core product attributes of every HINO truck.

The new 700 series range now includes these along with even more advanced safety features to ensure enhanced protection for the driver, crew and other road users. Equipped with ABS, ACC, ASR, EBS, LDWS, PCS and VCS technology, this is the safest 700 series model yet to be launched by Hino Motors Limited Japan.

Boasting a powerful HINO E13C engine perfectly matched to a 16 speed AMT ZF transmission on a 6x4 drivetrain, these trucks are designed to perform with seamless perfection to deliver loads efficiently and safely to the end destination.

Driver comfort and convenience features include standard air conditioning, power steering, power windows, central locking, AM/FM radio (with AUX/USB/Bluetooth features), cruise control, an air suspended driver seat, tilt & telescopic steering column and cruise control making this truck a real pleasure to drive.

Combined with Hino's renowned 'Total Support' backup from our Distributor network during the full ownership lifecycle, the new 700 series is certainly a safe choice in Africa.

So whether it is used for short, medium or long haul driving needs, you can expect premium safety and comfort levels from Japan's premium truck brand.

Warranty Terms: 12 months unlimited mileage basic warranty and 24 months or 200 000 km on the Power Train. **Service intervals:** Every 10 000 KM on tipper trucks and 15 000 KM on FC/TT models or as recommended by the selling HINO dealer. **Disclaimer Information:** Certain vehicle details and specifications contained in this leaflet may differ from available models. HINO Motors (an ARCHION Corporation group company) reserves the right to alter any details of specifications and equipment without notice. For the most current information on prices and specifications please contact your local HINO Distributor in your country.