



HINO 500

Series

WIDE CAB



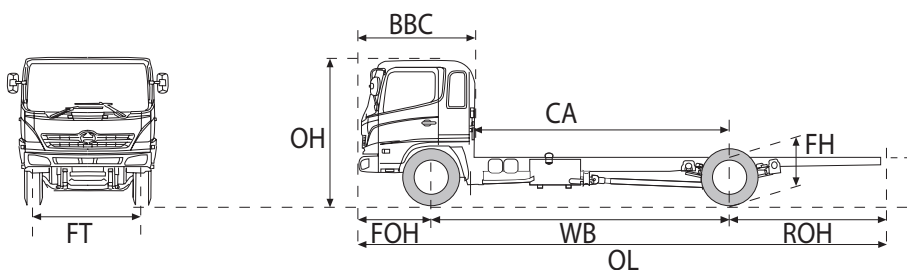
*THE RIGHT TRUCK
FOR AFRICA*

HINO 500 WIDE CAB					
ENGINE	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Make and Model	J08E-WH	J08E-WH	J08E-WH	J08E-WH	J08E-WH
4 Stroke Compression Ignition	Yes	Yes	Yes	Yes	Yes
Aspiration	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled
Bore X Stroke (mm)	112x130	112x130	112x130	112x130	112x130
Capacity (cc)	7 684	7 684	7 684	7 684	7 684
Compression Ratio : ~ : 1	18:1	18:1	18:1	18:1	18:1
Configuration	Six Cylinder In-Line	Six Cylinder In-Line	Six Cylinder In-Line	Six Cylinder In-Line	Six Cylinder In-Line
Engine oil cooler	Yes	Yes	Yes	Yes	Yes
Euro Emission Status	3	3	3	3	3
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	1-4-2-6-3-5
Governor : All speed / RLD	Yes	Yes	Yes	Yes	Yes
Governor : Electric	Yes	Yes	Yes	Yes	Yes
Injector Pump	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
Max Eng. Speed rpm	2 750	2 750	2 750	2 750	2 750
Power (EEC/ISO NET) kW @ rpm	191 @ 2 500	191 @ 2 500	191 @ 2 500	191 @ 2 500	191 @ 2 500
Torque Nm @ rpm	794 @ 1 500	794 @ 1 500	794 @ 1 500	794 @ 1 500	794 @ 1 500
Number of Cylinders	6	6	6	6	6
Valve Configuration	OHC	OHC	OHC	OHC	OHC
TRANSMISSION	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Full Synchromesh	2 ~ 6 Only	N/A	2 ~ 6 Only	N/A	2 ~ 6 Only
Gear Ratio : 1	6.515 - 0.702	3.487 - 0.653	6.515 - 0.702	3.487 - 0.653	6.515 - 0.702
Gearshift operation	Cable/Air Assist	N/A	Cable/Air Assist	N/A	Cable/Air Assist
Make & Model	HINO MX06	Allison 3000	HINO MX06	Allison 3000	HINO MX06
No of forward gears	6	6	6	6	6
PTO & Control	Not Standard	Not Standard	Not Standard	Not Standard	Not Standard
Reverse Ratio :1	6,991	5,027	6,991	5,027	6,991
Transfer Box Ratio	N/A	N/A	N/A	N/A	N/A
AXLES	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Rear Axle Housing Type	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing
Rear Axle Inter-Axle Diff lock	N/A	N/A	N/A	N/A	N/A
Rear Axle Make & Model	HINO SH 16	HINO SH 16	HINO SH 16	HINO SH 16	HINO SH 16
Rear Axle Ratio : 1	5,857	6,428	5,857	6,428	5,857
Rear Axle Ring Gear Size (inches)	16"	16"	16"	16"	16"
Rear Axle Type	Hypoid - Single Reduction	Hypoid - Single Reduction	Hypoid - Single Reduction	Hypoid - Single Reduction	Hypoid - Single Reduction
Front Axle Make	Hino MF78IR	Hino MF78IR	Hino MF78IR	Hino MF78IR	Hino MF78IR
Front Axle Type	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam
Front Axle Shock Absorbers	Yes	Yes	Yes	Yes	Yes
BRAKES	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Type	Spring Brake on Rear	Spring Brake on Rear	Spring Brake on Rear	Spring Brake on Rear	Spring Brake on Rear
ABS	Yes	Yes	Yes	Yes	Yes
Brake system : Front/Rear	Drum	Drum	Drum	Drum	Drum
Dual Circuit	Yes	Yes	Yes	Yes	Yes
LSP Valve on Rear Axle	N/A	N/A	N/A	N/A	N/A
Type	Full Air S-Cam Type	Full Air S-Cam Type	Full Air S-Cam Type	Full Air S-Cam Type	Full Air S-Cam Type
WHEELS & TYRES	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Attachment	ISO - 10 Studs	ISO - 10 Studs	ISO - 10 Studs	ISO - 10 Studs	ISO - 10 Studs
No of Wheels including spare	7	7	7	7	7
Spare Wheel Carrier Location	Rear of Chassis	Rear of Chassis	Rear of Chassis	Rear of Chassis	Rear of Chassis
Tyre Construction	Radial Tubeless	Radial Tubeless	Radial Tubeless	Radial Tubeless	Radial Tubeless
Tyre size - Front	12R22.5	12R22.5	12R22.5	12R22.5	12R22.5
Tyre size - Rear	12R22.5	12R22.5	12R22.5	12R22.5	12R22.5
Wheel size - Front	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25
Wheel size - Rear	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25
Wheel Type	Single Piece Steel	Single Piece Steel	Single Piece Steel	Single Piece Steel	Single Piece Steel

HINO 500 WIDE CAB					
ENGINE	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Make and Model	J08E-WG	J08E-WG	P11C-VT	P11C-VT	P11C-VT
4 Stroke Compression Ignition	Yes	Yes	Yes	Yes	Yes
Aspiration	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled
Bore X Stroke (mm)	112x130	112x130	122x150	122x150	122x150
Capacity (cc)	7 684	7 684	10 520	10 520	10 520
Compression Ratio : ~ : 1	18:1	18:2	16:1	16:2	16:3
Configuration	Six Cylinder In-Line	Six Cylinder In-Line	Six Cylinder In-Line	Six Cylinder In-Line	Six Cylinder In-Line
Engine oil cooler	Yes	Yes	Yes	Yes	Yes
Euro Emission Status	3	3	3	3	3
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	1-4-2-6-3-5
Governor : All speed / RLD	Yes	Yes	Yes	Yes	Yes
Governor : Electric	Yes	Yes	Yes	Yes	Yes
Injector Pump	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
Max Eng. Speed rpm	2 750	2 750	2 300	2 300	2 300
Power (EEC/ISO NET) kW @ rpm	206 @ 2 500	206 @ 2 500	257 @ 2 100	257 @ 2 100	257 @ 2 100
Torque Nm @ rpm	883 @ 2 750	883 @ 2 750	1 275 @ 1 500	1 275 @ 1 500	1 275 @ 1 500
Number of Cylinders	6	6	6	6	6
Valve Configuration	OHC	OHC	OHV	OHV	OHV
TRANSMISSION	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Full Synchromesh	2 ~ 6 Only	N/A	1 ~ 9 Only	1 ~ 9 Only	1 ~ 9 Only
Gear Ratio : 1	6.515 - 0.702	4.593 - 0.651	10.178 - 0.724	10.178 - 0.724	10.178 - 0.724
Gearshift operation	Cable/Air Assist	N/A	Cable/Air Assist	Cable/Air Assist	Cable/Air Assist
Make & Model	HINO MX06	Allison 3500	HINO M009OD	HINO M009OD	HINO M009OD
No of forward gears	6	6	9	9	9
PTO & Control	Not Standard	Not Standard	Not Standard	Engine Driven	Not Standard
Reverse Ratio :1	6,991	4,999	9,874	9,874	9,874
Transfer Box Ratio	N/A	N/A	N/A	N/A	N/A
AXLES	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Rear Axle Housing Type	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing	Full Floating - Hypoid Gearing
Rear Axle Inter-Axle Diff lock	N/A	N/A	Diff lock with Cross Lock	Diff lock with Cross Lock	Diff lock with Cross Lock
Rear Axle Make & Model	HINO SH 17	HINO SH 17	HINO THD 17	HINO THD 17	HINO THD 17
Rear Axle Ratio : 1	6,833	6,428	5,250	5,250	5,250
Rear Axle Ring Gear Size (inches)	17"	17"	17"	17"	17"
Rear Axle Type	Hypoid - Single Reduction	Hypoid - Single Reduction	Hypoid - Single Reduction	Hypoid - Single Reduction	Hypoid - Single Reduction
Front Axle Make	Hino MF78IR	Hino MF78IR	Hino MF78IR	Hino MF78IR	Hino MF78IR
Front Axle Type	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam	Reverse Elliot "I" Section Beam
Front Axle Shock Absorbers	Yes	Yes	Yes	Yes	Yes
BRAKES	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Type	Spring Brake on Rear	Spring Brake on Rear	Spring Brake on Rear	Spring Brake on Rear	Spring Brake on Rear
ABS	Yes	Yes	Yes	Yes	Yes
Brake system : Front/Rear	Drum	Drum	Drum	Drum	Drum
Dual Circuit	Yes	Yes	Yes	Yes	Yes
LSP Valve on Rear Axle	N/A	N/A	N/A	N/A	N/A
Type	Full Air S-Cam Type	Full Air S-Cam Type	Full Air S-Cam Type	Full Air S-Cam Type	Full Air S-Cam Type
WHEELS & TYRES	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Attachment	ISO - 10 Studs	ISO - 10 Studs	ISO - 10 Studs	ISO - 10 Studs	ISO - 10 Studs
No of Wheels including spare	11	11	11	11	11
Spare Wheel Carrier Location	Rear of Chassis	Rear of Chassis	Rear of Chassis	Rear of Chassis	On Tipper Body
Tyre Construction	Radial Tubeless	Radial Tubeless	Radial Tubeless	Radial Tubeless	Radial Tubeless
Tyre size - Front	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5
Tyre size - Rear	295/80R22.5	295/80R22.5	295/80R22.5	295/80R22.5	295/80R22.5
Wheel size - Front	22.5 x 9.00	22.5 x 9.00	22.5 x 9.00	22.5 x 9.00	22.5 x 9.00
Wheel size - Rear	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25	22.5 x 8.25
Wheel Type	Single Piece Steel	Single Piece Steel	Single Piece Steel	Single Piece Steel	Single Piece Steel

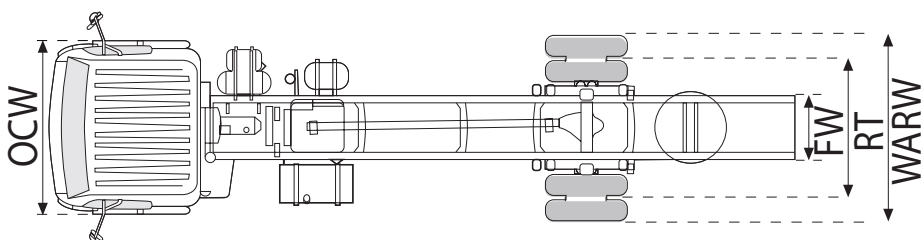
HINO 500 WIDE CAB

STEERING	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Steering Column	Tilt & Telescopic	Tilt & Telescopic	Tilt & Telescopic	Tilt & Telescopic	Tilt & Telescopic
Turning radius on tyre : (mm)	9 400	9 400	10 800	10 800	6 600
Turning radius between walls : (mm)	10 200	10 200	11 600	11 600	7 400
Type	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball
FUEL	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Capacity (Liters)	390	390	390	390	200
ADDITIONAL FEATURES	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
Airbag	Driver Only	Driver Only	Driver Only	Driver Only	Driver Only
Central Locking	Yes	Yes	Yes	Yes	Yes
Cruise Control	Yes	Yes	Yes	Yes	Yes
Easy Start Assist	Yes	N/A	Yes	N/A	Yes
Immobiliser	Yes	Yes	Yes	Yes	Yes
Power Windows	Driver & Passenger	Driver & Passenger	Driver & Passenger	Driver & Passenger	Driver & Passenger
Seatbelt Pre-tensioner	Driver Only	Driver Only	Driver Only	Driver Only	Driver Only
MASS DATA (KG)	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
A - Front	7 380	7 380	7 380	7 380	7 380
A - Rear	9 000	9 000	9 000	9 000	9 000
Approx. body + payload allowance	10 817	10 771	10 717	10 671	11 117
D/T	32 000	32 000	32 000	32 000	32 000
GA - Front	7 500	7 500	7 500	7 500	7 500
GA - Rear	11 500	11 500	11 500	11 500	11 500
GCM	32 000	32 000	32 000	32 000	32 000
GVM	16 000	16 000	16 000	16 000	16 000
Tare - Front	3 121	3 155	3 166	3 205	2 856
Tare - Rear	2 062	2 074	2 117	2 124	2 027
Tare - Total (incl. spare wheel)	5 183	5 229	5 283	5 329	4 883
V - rating	16 000	16 000	16 000	16 000	16 000
DIMENSIONS (MM)	HINO 500 1627 FC LWB	HINO 500 1627 FC LWB AT	HINO 500 1627 FC SLWB	HINO 500 1627 FC SLWB AT	HINO 500 1627 TIP
CA - Cab to Axle	4 700	4 700	5 600	5 600	2 900
CH - Cab Height	2 775	2 770	2 770	2 770	2 775
CW - Cab Width (excl. mirrors)	2 490	2 490	2 490	2 490	2 490
FH - Frame Height Rear Axle	1 080	1 080	1 020	1 075	1 080
FOH - Front Overhang	1 280	1 280	1 280	1 280	1 280
FT - Front Track	2 050	2 050	2 050	2 050	2 050
FW - Frame Width (Front)	950	950	950	950	950
FW - Frame Width (Rear)	840	840	840	840	840
Max. homologated body width	2 600	2 600	2 600	2 600	2 600
Maximum Body Length	7 918	7 918	9 358	9 358	4 225
Suggested Body Length	7 175	7 175	8 625	8 625	4 225
MGC - Minimum Ground Clearance	230	230	230	230	230
OL -Overall Length	9 450	9 450	10 900	10 900	6 500
OVH - Overall Vehicle Height	2 775	2 770	2 770	2 770	2 775
ROH - Rear Overhang	2 640	2 640	3 190	3 190	1 490
RT - Rear Track	1 835	1 835	1 835	1 835	2 460
WB - Wheel Base	5 530	5 530	6 430	6 430	3 730



HINO 500 WIDE CAB

STEERING	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Steering Column	Tilt & Telescopic	Tilt & Telescopic	Tilt & Telescopic	Tilt & Telescopic	Tilt & Telescopic
Turning radius on tyre : (mm)	10 300	10 300	10 000	8 400	7 700
Turning radius between walls : (mm)	11 000	11 000	10 900	9 300	8 600
Type	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball	Power Assisted; Re-Circulating Ball
FUEL	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Capacity (Liters)	390	390	390	200	200
ADDITIONAL FEATURES	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
Airbag	Driver Only	Driver Only	Driver Only	Driver Only	Driver Only
Central Locking	Yes	Yes	Yes	Yes	Yes
Cruise Control	Yes	Yes	Yes	Yes	Yes
Easy Start Assist	Yes	N/A	Yes	Yes	Yes
Immobiliser	Yes	Yes	Yes	Yes	Yes
Power Windows	Driver & Passenger	Driver & Passenger	Driver & Passenger	Driver & Passenger	Driver & Passenger
Seatbelt Pre-tensioner	Driver Only	Driver Only	Driver Only	Driver Only	Driver Only
MASS DATA (KG)	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
A - Front	7 500	7 500	7 500	7 500	7 500
A - Rear	18 000	18 000	18 000	18 000	18 000
Approx. body + payload allowance	18 692	18 641	17 581	17 796	17 881
D/T	32 000	38 000	45 000	45 000	45 000
GA - Front	7 500	7 500	7 500	7 500	7 500
GA - Rear	21 800	21 800	21 800	21 800	21 800
GCM	32 000	38 000	45 000	45 000	45 000
GVM	27 500	27 500	27 500	27 500	27 500
Tare - Front	3 046	3 085	3 781	3 691	3 531
Tare - Rear	3 762	3 774	4 138	4 013	4 088
Tare - Total (incl. spare wheel)	6 808	6 859	7 919	7 704	7 619
V - rating	25 500	25 500	25 500	25 500	25 500
DIMENSIONS (MM)	HINO 500 2829 FC LWB	HINO 500 2829 FC LWB AT	HINO 500 2836 FC	HINO 500 2836 MIX	HINO 500 2836 TIP
CA - Cab to Axle	4 775	4 775	4 925	3 875	3 425
CH - Cab Height	2 770	2 770	2 910	2 915	2 915
CW - Cab Width (excl. mirrors)	2 490	2 490	2 490	2 490	2 490
FH - Frame Height Rear Axle	1 060	1 060	1 060	1 060	1 060
FOH - Front Overhang	1 280	1 280	1 380	1 380	1 380
FT - Front Track	2 030	2 030	2 030	2 030	2 030
FW - Frame Width (Front)	950	950	950	950	950
FW - Frame Width (Rear)	840	840	840	840	840
Max. homologated body width	2 600	2 600	2 600	2 600	2 600
Maximum Body Length	8 713	8 713	8 893	5 521	5 225
Suggested Body Length	7 725	7 725	7 975	5 521	5 225
MGC - Minimum Ground Clearance	220	220	220	220	220
OL -Overall Length	10 000	10 000	10 250	8 000	7 500
OVH - Overall Vehicle Height	2 770	2 770	2 910	2 915	2 915
ROH - Rear Overhang	2 440	2 440	1 340	1 340	1 290
RT - Rear Track	1 855	1 855	1 885	1 855	1 855
WB - Wheel Base	4 930 + 1 350	4 930 + 1 350	4 980 + 1 350	3 930 + 1 350	3 480 + 1 350



JAPAN'S LEADING TRUCK BRAND BUILT TO DELIVER IN AFRICA

Japanese pedigree engineered for Africa that works hard for you, this is the solution to all your transport needs. Built to deliver, the HINO 500 Series is the perfect partner for your business.



Fuel efficient HINO engines



SRS Airbag (models >16 ton GVM)



ABS Standard (all models except 4x4)



Manual and automatic transmission options



Cruise control standard (models > 16 ton GVM)

Quality, durability & reliability (QDR), these are the key characteristics that define the HINO 500 product range. The HINO 500 range offers total flexibility and choice to potential customers, capable of moving various loads effortlessly. HINO 500 range engines are fitted with common rail fuel injection and turbo-intercooled technology to achieve uncompromised power and fuel efficiency.

1. WIDE PRODUCT RANGE LINE-UP

Engine:	5L, 8L and 11L
Configuration:	4x2, 4x4, 6x2 and 6x4
Wheelbase:	SWB, LWB and SLWB
Gross Vehicle Mass:	10 000 kg to 28 000 kg
Gross Combination Mass:	15 000 kg to 45 000 kg
Transmission:	Manual (6-9 speed) & Auto (6 speed)
Suspension:	Steel

2. TECHNOLOGY

Emission:	Euro III
Fuel Injection:	Common Rail Technology
Aspiration:	Turbo-intercooled

3. SAFETY FEATURES

ABS Brakes:	Standard on all models (excluding 4x4)
SRS Airbag (driver side):	Standard on all > 16 ton GVM models
Electronic speed limiter:	Standard on all > 16 ton GVM models

4. COMFORT & CONVENIENCE

	Standard Cab (< 16 ton GVM models)	Wide Cab (>16 ton GVM models)
Air suspension driver seat	-	✓
Airconditioner	✓	✓
Central locking	✓	✓
Cruise control	-	✓
'Easy Start Assist' on manual trans	-	✓
In-cab storage space	✓	✓
Power steering	✓	✓
Power windows	✓	✓
Radio/Speakers	✓	✓
Tilt & telescopic steering column	✓	✓

Warranty: 2 years or 100 000 km (whichever comes first and subject to HINO terms and conditions).

Service intervals: Every 10 000 KM 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 Limited and Africa Mobility Solutions (Pty) Ltd. reserves the right to alter any details of specifications and equipment without notice.