

HINO

500 Series

The Road Ahead



The new Hino 500. Performance that speaks for itself.

The Hino 500 is destined to be the brute of your fleet.



From its stylish looks down to its ferocious direct-injection, intercooled diesel engine; this dynamic truck is a reliable worker that is more than up for all the short haul freight that you need done right, the first time. The versatile body can be modified to suit most transportation needs, from regional haul to moving refrigerated cargo. This truck can do it all. Equipped with the latest Hino J-series engine, the Hino 500 is more environmentally-friendly, delivering lower fuel consumption and emissions that meet EURO 2 standards while the torque has been increased – so you can keep your delivery promises. The cab is more aerodynamic and the driver's compartment has been re-designed to be a combination of comfort and functionality. With driver comfort as a principal consideration, the instrument panel, meters and switches are all laid out in an easy-to-view and easy-to-use manner. The Hino 500 is the embodiment of our uncompromising philosophy of evolution in motion and technologies for creating trucks for the future of your business.

Model Range

A Hino 500 for every job. Experience the peace of mind that only Hino proven durability and reliability can give. Tapered leaf springs, dynamically enhanced fuel efficiency and stylish looks - welcome to the Hino 500 range.

The Hino 500 features a lean, newly designed cabin, nylon air pipes, an aluminum transmission case that translates to a notable reduction in overall weight (giving the 500 series excellent loading capacity). Powerful direct-injection diesel engines mean that these trucks are ready for any challenge.

1017



1221 SWB 1221 LWB



1324 SWB 1324 LWB



1626 LWB 1626 XLWB



1726 LWB



1322 SWB 4x4



1726 Truck Tractor



Features

Tough, and proven. Sophisticated, modern styling and streamlined design make the Hino 500 easy to manoeuvre in tight spaces and nimble in the bends and corners of the city.

Driver safety and comfort has always been a priority at Hino. Passive safety features like, anti-fatigue pedal and switch layout in the cab, reinforced main frames and door beams and a steering wheel that deforms in the event of a collision (to protect the driver) are just some of the ways that Hino is working to protect your business.



The highly adjustable steering wheel provides an ideal driving position to match any driver's body shape. The instrument panel, designed for supremely efficient and smooth operation, is easily visible and useable.



The driver's seat can be adjusted forward/backward/up/down, and to the ideal tilted angle. The adjustable range of movement has been expanded to allow for optimum comfort in the driving position.



A suspended pedal unit precisely meets the demands of professional driving. The level of brake pedal control has been improved for a superior braking feeling. Also, the pedals have been set at the ideal height to help reduce driver fatigue.



The step to floor distance has been optimised and the handgrip enlarged to enable easier entry to and exit out of the cab.



Highly rigid, door impact beams have been installed on both the driver and passenger sides to help prevent bending of the door frame in case of an accident. This safety measure facilitates exiting of the vehicle, helps to maintain the safety area and protects those on board.



The new, larger air intake duct and water separator reduces air and water intake resistance, improving fuel efficiency and engine reliability.

Engine

Hino engines are renowned for their reliability and it's a Hino promise to deliver on time, every time.

The J-series engine is just one of many features of the Hino 500. Now you can get to where you need to go every time.



Items required to facilitate frequent maintenance checks are located under the easy accessible front.



The lighter, single-skin frame is sturdy whilst sporting improved rust resistance and even more durability and reliability. The increased GVM and an improved chassis design to meet customer demands, providing a greater load capacity.

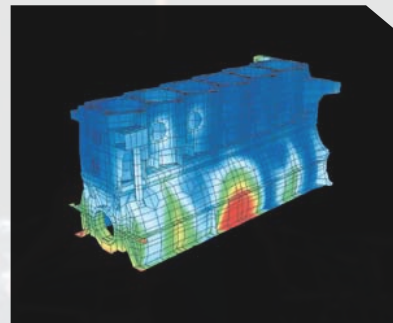


The front tyre steering angle has been improved, and the turning radius further reduced for greater ease of operation.

(Measured between kerbs)

7.2m (1324)

10.6m (1626)



At the core of every Hino 500 is Hino's world-renowned diesel engine technology, delivering the power, economy and environmental friendliness that can only be found in the industry's most advanced engines.



Low ratio 4x4 is activated via an electro-pneumatic switch mounted on the dashboard and has a distinct advantage that it can be engaged on the move below 20km/h.

The 4x4 is equipped with "no-spin" differentials that automatically lock in equal power to each wheel as soon as either the front or rear axle wheel starts slipping and spinning in very loose surface conditions.

Specifications

	1017 Freight Carrier	1221 Tipper	1221 Freight Carrier	1324 Tipper	1324 Freight Carrier	1626 LWB Freight Carrier	1626 XLWB Freight Carrier	1726 Truck Tractor	1726 LWB Freight Carrier	1322 4x4 Freight Carrier
Engine										
Make	Hino	Hino	Hino	Hino	Hino	Hino	Hino	Hino	Hino	Hino
Model	J05C - TF	J08CF	J08CF	J08C - TW	J08C - TW	J08C - TT	J08C - TT	J08C - TT	J08C - TT	J08C - UL
Configuration	4 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line	6 Cylinder in-line
Displacement (cm3)	5 307	7 961	7 961	7 961	7 961	7 961	7 961	7 961	7 961	7 961
No. of valves per cylinder	4	4	4	4	4	4	4	4	4	4
Aspiration	Turbo intercooled	Natural	Natural	Turbo intercooled	Turbo intercooled	Turbo intercooled	Turbo intercooled	Turbo intercooled	Turbo intercooled	Turbo intercooled
Performance										
- Gradeability @ GVM (%)**	34	41	39	49	39	44	44	63	63	30
- Max geared speed (km/h)**	95	107	113	95	107	98	98	107	107	88
Air cleaner (with safety element)	Hino	Hino	Hino	Hino	Hino	Hino	Hino	Hino	Hino	Hino
Power (kW @ r/min)	121 @ 2 500	150 @ 2900	150 @ 2900	170 @ 2 500	170 @ 2 500	184 @ 2 500	184 @ 2 500	184 @ 2 500	184 @ 2 500	152 @ 2 500
Torque (Nm @ r/min)	496 @ 1 500	546 @ 1 500	546 @ 1 500	710 @ 1 500	710 @ 1 500	739 @ 1 500	739 @ 1 500	739 @ 1 500	739 @ 1 500	603 @ 1 500
Transmission										
Make	Hino LX06 S	LJ 06 DD	LJ 06 DD	Hino LJ06 S	Hino LJ06 S	Hino MF06 S	Hino MF06 S	EATON FS6109	EATON FS6109	Hino LX06 S
Type	6 Speed	6 Speed	6 Speed	6 Speed	6 Speed	6 Speed	6 Speed	9 Speed	9 Speed	6 Speed
Synchro. 2-6 only	•	•	•	•	•	•	•	•	•	•
Synchromesh										
Ratio	7.818 - 1	8.189 - 1	8.189 - 1	6.746 - 0.823	6.746 - 0.823	7.395 - 1	7.395 - 1	12.637 - 1	12.637 - 1	14.489 - 1
Transfer box: Ratio - Low/High										2.224 - 1
Clutch										
Diameter (mm)	350	350	350	380	380	380	380	380	380	350
Steering										
Type: Power assisted, re-circulating ball	•	•	•	•	•	•	•	•	•	•
Turning radius between kerbs (mm)	7 840	6 200	8 090	7 170	10 120	9 640	10 600	7 170	6 890	10 350
Turning radius between walls (mm)	8 400	6 890	9 430	7 940	10 770	10 300	11 325	7 490	10 625	10 880
Suspension										
Front:										
- Type	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring
- Configuration	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic
- Shock absorbers	Single acting	Single acting	Single acting	Single acting	Single acting	Single acting	Single acting	Single acting	Single acting	Double acting
Rear:										
- Type	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring	Multi - leaf spring
- Configuration	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic	Semi - elliptic
- Auxiliary spring pack	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rear axle										
Type	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction	Hypoid single reduction
Ratio	4.1	5.125	4.875	6.142	5.428	4.875	4.875	4.625	4.625	5.428
Brakes										
System	Air over hydraulics	Air over hydraulics	Air over hydraulics	Air over hydraulics	Air over hydraulics	Full air	Full air	Full air	Full air	Air over hydraulics
Type: Front	Drum	Drum	Drum	Drum	Drum	Drum	Drum	Drum	Drum	Drum
Type: Rear	Drum	Drum	Drum	Drum	Drum	Drum	Drum	Drum	Drum	Drum
Auxiliary	Exhaust	Exhaust	Exhaust	Exhaust	Exhaust	Exhaust	Exhaust	Exhaust	Exhaust	Exhaust
Wheels & tyres										
Wheel size	6.00 x 16	650 T x 20	650 T x 20	8.25 x 22.5	8.25 x 22.5	8.25 x 22.5	8.25 x 22.5	9.00 x 22.5	9.00 x 22.5	7.00 x 20
Tyre size	8.25 R16	8.25 - 20 - 14	8.25 - 20 - 14	11 R22.5	11 R22.5	11 R22.5	11 R22.5	12 R22.5	12 R22.5	10.00 R20
Load index (single/dual)	128L/126L	136J/131J	136J/131J	148L/144L	148L/144L	148L/144L	148L/144L	149L/145L	149L/145L	146K/142K
Spare wheel carrier	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes
Other specifications										
Fuel tank capacity	200	200	200	200	200	200	200	200	200	200
Electrical system	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.	24 Volt Neg.
Service intervals										
On road application *	15 000	15 000	15 000	15 000	15 000	15 000	15 000	15 000	15 000	15 000
Mass Data (kg)										
Tare - Front w/o fuel/incl spare wheel	1 945	2 130	2 270	2 565	2 670	2 850	2 945	2 710	2 830	2 985
- Rear w/o fuel/incl spare wheel	1 075	1 075	1 455	1 635	1 705	2 005	2 090	2 000	2 100	1 870
- Total w/o fuel/incl spare wheel	3 020	3 205	3 725	4 200	4 375	4 855	5 035	4 710	4 930	4 855
GA - Front (gross axle capacity)	3 600	4 500	4 500	5 500	5 500	6 500	6 500	6 500	6 500	4 500
- Rear (gross axle capacity)	7 000	8 500	8 500	10 000	10 000	10 000	10 000	10 500	10 500	9 200
A - Front (legal axle capacity)	3 600	4 500	4 500	5 500	5 500	6 300	6 300	6 500	6 500	4 500
- Rear (legal axle capacity)	6 800	7 944	7 944	9 000	9 000	9 000	9 000	9 000	9 000	9 000
GVM	10 400	11 900	11 900	13 500	13 500	15 500	15 500	17 000	17 000	13 000
V - Rating (legal gross mass)	10 400	11 900	11 900	13 500	13 500	15 300	15 300	15 500	15 500	13 000
G C M	15 000	15 000	15 000	17 000	17 000	24 000	24 000	32 000	32 000	21 000
D/T (legal combined rating / drawing)	15 000	15 000	15 000	17 000	17 000	24 000	24 000	32 000	32 000	21 000
Legal body & payload mass (excl fuel)	7 380	8 695	8 175	9 300	9 125	10 445	10 265	10 790	10 570	8 145

*Please refer to service book for specific manufacturer requirements depending on vehicle application. **As per Hino Motors.

12 MONTHS
UNLIMITED KM ON VEHICLE

24 MONTHS
150 000 KM ON DRIVELINE

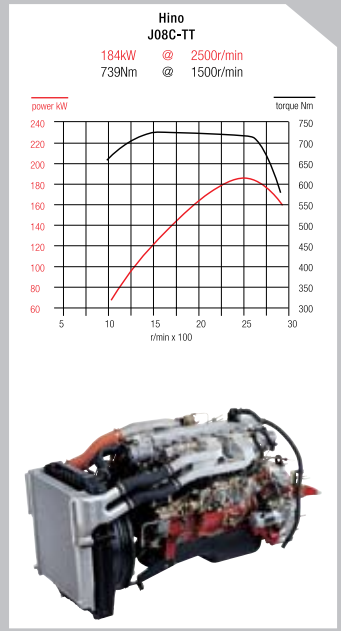
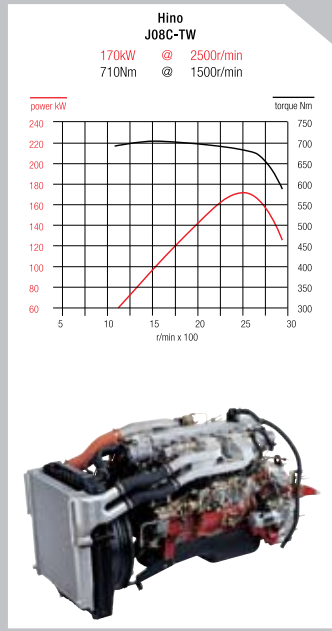
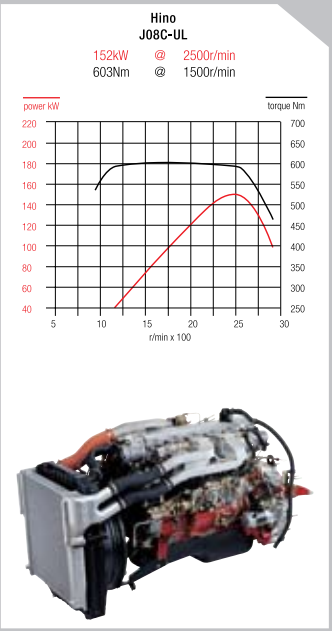
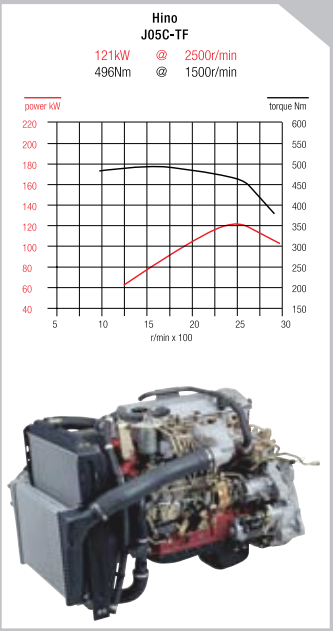
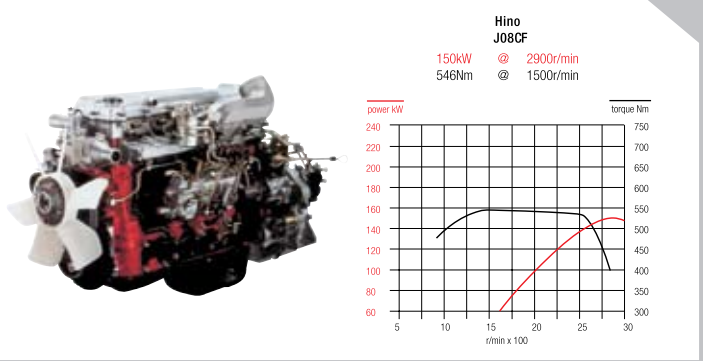
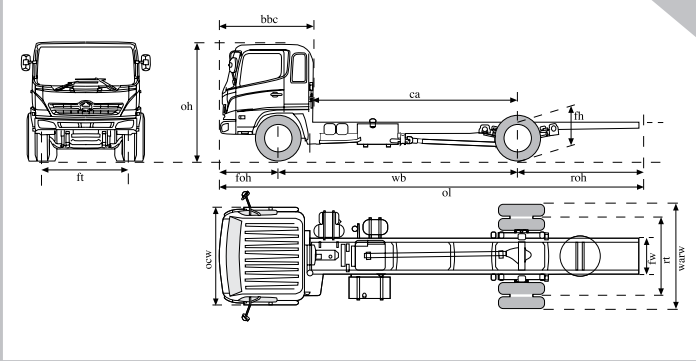
36 MONTHS
ON RUST PERFORATION

Dimensions

	1017 Freight Carrier	1221 Tipper	1221 Freight Carrier	1324 Tipper	1324 Freight Carrier	1626 LWB Freight Carrier	1626 XLWB Freight Carrier	1726 Truck Tractor	1726 LWB Freight Carrier	1322 4x4 Freight Carrier
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Allow 5mm tolerance on all dimensions.

OL - Overall length	8 540	5960	8190	6 445	9 460	9 460	10 550	6 445	9 780	7 960
CW - Cab width excluding fenders	2 120	2175	2175	2 300	2300	2 300	2 300	2 300	2 300	2 300
OCW - Overall cab width including fenders	2 175	2175	2175	2 355	2 355	2 355	2 355	2 355	2 355	2 355
OH - Overall height (top of cab)	2 490	2555	2555	2 615	2 615	2 650	2 650	2 690	2 690	2 785
WB - Wheelbase	4 990	3280	4850	3 780	5 530	5 530	6 220	3 760	5 780	4 650
FOH - Front overhang	1 145	1155	1185	1 235	1 235	1 235	1 235	1 255	1 255	1 235
ROH - Rear overhang	2 260	1430	2060	1 285	2550	2 550	2950	1285	2 600	1 930
BBC - Bumper to back of cab	1 770	2030	2030	2 060	2 060	2 060	2 060	2 060	2 060	2 060
CA - Cab to axle	4 365	2405	3975	2 955	4 705	4 705	5 395	2 955	4 975	3 825
MGC - Minimum ground clearance	225	225	225	240	240	245	245	255	255	225
FT - Wheel track front	1 770	1740	1740	1 885	1 885	1 920	1 920	1 920	1 920	1 925
RT - Wheel track rear	1 660	1720	1720	1 820	1 820	1 840	1 840	1 840	1 840	1 820
WARW - Width across rear wheels	2 160	2255	2255	2 400	2 400	2 435	2 435	2 435	2 435	2 420
FH - Frame height (rear axle)	885	965	965	1 015	1 015	1 040	1 040	1 050	1 070	1 210
FW - Frame outside width	820	820	820	870	870	870	870	870	870	870
- Frame inside width	674	665	665	700	700	700	690	690	690	690
Suggested body length (exterior)	6 600	4 000	5 500	4 000	5 900	5 700	6 700	4 100	5 900	5 800
Maximum body length (exterior)	7 200	5248	7760	5 100	7 900	7 900	9 000	5 100	8 300	6 500





Discover the road ahead with Hino Trucks

Every Hino truck that rolls off the assembly line is backed by a history of quality, durability and reliability. We work hard to keep you on the road, no matter where the road ahead will take you. We're behind you, every step of the way, backing you with one of the largest dealer support networks in South Africa. We are constantly innovating and creating new technology to do the job better. Welcome to Hino. Trust us to get the job done right, first time, every time.



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