

HINO 155 SERIES



2009

TRUCK CHASSIS SPECIFICATIONS

All 2009 models require ultra-low sulfur diesel fuel

SS-XZ380
GVMR: 6,590 kg (14,700 lbs.)
ENGINE MODEL: J05D-TF (Turbo Intercooled)

DIMENSIONS (On standard specifications)

MODEL		155-1	155-2	155-3	155-4
Wheelbase	A mm(in.)	2,810 (110.6)	3,430 (135.0)	3,870 (152.4)	4,200 (165.4)
Overall length	B mm(in.)	5,155 (203.0)	6,144 (241.9)	6,697 (263.7)	7,207 (283.8)
Overall width	C mm(in.)	1,995 (78.5)	1,995 (78.5)	1,995 (78.5)	1,995 (78.5)
Overall height	D mm(in.)	2,315 (91.1)	2,315 (91.1)	2,315 (91.1)	2,315 (91.1)
Cab to axle	E mm(in.)	2,222 (87.5)	2,842 (111.9)	3,282 (129.2)	3,612 (142.2)
Rear overhang	F mm(in.)	1,278 (50.3)	1,647 (64.8)	1,760 (69.3)	1,940 (76.4)
Frame height at					
Front axle	G mm(in.)	705 (27.8)	705 (27.8)	705 (27.8)	705 (27.8)
Rear axle	H mm(in.)	800 (31.5)	800 (31.5)	800 (31.5)	800 (31.5)
Road clearance					
(at front axle)	J mm(in.)	193 (7.6)	193 (7.6)	193 (7.6)	193 (7.6)
Tread					
Front	K mm(in.)	1,655 (65.2)	1,655 (65.2)	1,655 (65.2)	1,655 (65.2)
Rear	L mm(in.)	1,520 (59.8)	1,520 (59.8)	1,520 (59.8)	1,520 (59.8)
Turning radius					
Tire	mm(in.)	4,800 (189.0)	5,700 (224.4)	6,300 (248.0)	6,800 (267.7)
Swept	mm(in.)	5,490 (216.1)	6,400 (252.0)	7,010 (276.0)	7,510 (295.7)

CHASSIS WEIGHTS (On std. spec., without spare tire & std. tool set)

MT	Total weight	kg(lb.)	2,478 (5,463)	2,525 (5,567)	2,553 (5,628)	2,570 (5,666)
	Front axle	kg(lb.)	1,728 (3,810)	1,742 (3,841)	1,754 (3,867)	1,756 (3,871)
	Rear axle	kg(lb.)	750 (1,653)	783 (1,726)	799 (1,761)	814 (1,795)

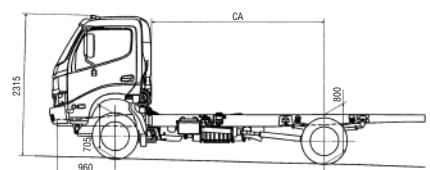
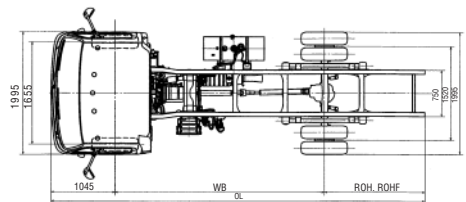
POWER LINE & PERFORMANCE

[6,590 kg (14,700 lbs.) GVMR & 215/85R16 tires]

Power line	STD.	OPT.
Max. speed km/h	117	124
Gradeability (tan.θ) %	60.0	60.0
Transmission Model	AISIN 450-43L3	
Type	Four-speed automatic	
1st.	3.018	
2nd.	1.548	
3rd.	1.000	
4th.	0.703	
5th.	-	
Rev.	2.678	
Rear axle gear ratios	5.125	4.87

ENGINE

Model	HINO J05D-TF
Type:	Diesel 4-cy., 4-cyl. in-line, water-cooled
Combustion system:	Direct injection type
Max. output (SAE Gross):	175HP at 2,500 rpm
Max. torque (SAE Gross):	510 N·m (376 lb.-ft.) at 1,600 rpm
Bore and stroke:	112 x 120 mm (4.41 x 4.72 in.)
Piston displacement:	4.730 L (288.5 cu.in.)
Fuel injection pump:	Common rail ND
Governor:	Electronically controlled
Intake system:	Turbocharged and intercooled
Air cleaner:	Hino paper filter type
Pre Heater:	Glow plug type
Fan clutch	Bimetal thermostat sensor regulates fan speed
Block heater	1,000 watts/120V immersion type



THE QUALITY CHOICE.

WEIGHT CAPACITIES

Front axle	kg(lbs.)	3,100 (6,850)
Rear axle	kg(lbs.)	5,100 (11,250)

LIQUID CAPACITIES

Fuel tank ltr.(gal./US)	100.0 (26.42)
Cooling system ltr.(gal./US)	19.5 (5.16)

AXLE / SUSPENSION

Front axle	Reversed Elliot "I" beam
Front spring	Taper-leaf springs shock absorbers and stabilizer
Rear axle	Full-floating, single reduction Single-speed by hypoid gears
Rear spring	Semi-elliptic main and auxiliary helper-leaf spring

FRAME

Ladder type	Straight J section
Width mm(in.)	750(29.5)
Tensile strength kg/mm ² (lb/in ²)	55(78228)
Front bumper	Gray (Resin)

STEERING

Type	Telescopic and tilt steering column with lock Recirculating ball, with hydraulic booster integral type
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WHEELS / TIRES

6 Wheels	16X5.5K-122 6-stud disc.
6 Tires	215/85R16
Brand & Pattern	BS Fr: RIB , Rr: LUG

BRAKES

Service brake	Hydraulic system with disc brake for front and rear wheels, with automatic adjustment
Disc diameter x pad area (cm ²) x thickness mm(in.)	Front; 287 x 84 x 13 (11.3 x 3.31 x 0.51) Rear; 287 x 84 x 13 (11.3 x 3.31 x 0.51)
Control	Vacuum servo hydraulic with hydraulic assist, dual circuit with Antilock Brake System (ABS)
Parking brake	Mechanical, internal expanding acting on transmission output shaft
Drum diameter mm(in.)	200 (7.87)
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

CAB EQUIPMENT

Cab construction	- All steel welded
Seating	- Three
Driver's seat	- 2-way adjustable, fabric covered, high-back seat
Passenger's seat	-Fixed, fabric covered, high-back seat
Seat belts	- 3-point type (driver and passenger), one 2-point type (center)
Heater/Defroster	- 18,357 BTU/h(4,627 Kcal/h)
Mirrors, outside rearview	- 1 flat, heated and 1 convex on each side
Sun visors	- Two
Over-head console	- Two
Windshield	- Laminated
Windshield wipers	- Dual electric, 2-speed and intermittent
Cup holder	at center cluster
Electric power windows	
Cigarette lighter / 12V power outlet	
Power door lock with keyless entry	
Ashtray	- 2
Door pocket	- Both sides
Floor carpet	- Vinyl

DASH INSTRUMENTATION

Meters and gauges	metric system
Speedometer	- km/h (mph)
Odometer	- (kilometre)
Fuel gauge	
Coolant temperature gauge	
Engine tachometer	
Warning and pilot lamps and buzzers	
Oil pressure warning lamp and buzzer	
Brake fluid level warning lamp	
Battery charging warning lamp	
High beam indicator lamp	
Turn signal pilot lamp	
Parking brake warning lamp	
Engine control system warning lamp	
ABS warning lamp	
Cab tilt warning lamp	
Exhaust brake indicator lamp	
Transmission oil temperature warning lamp	
Fuel level warning lamp	
Back-up warning buzzer	

ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12 V
Capacity	1400 CCA
Alternator	12 V, 105 A
Starter	12 V, 2.5 kW
Audio system	AM/FM radio with CD player
Headlamps	Composite type
Stop/Tail lamps	
Marker and identification lamps (roof)	
Back-up lamps	
License plate lamp	
Side marker lamps	
Directional indicators and hazard lamps	
Interior lamps	
Clearance lamps	
Parking lamps	
Electrical horn (dual)	
Day-time running lights	

CHASSIS EQUIPMENT

Fuel pre-filter	- Pre-filter (dust) and sedimenter (water) with heater
Reflectors	- Two rear, two front side

See your authorized Hino Dealer for a complete list of options and accessories.

NOTE : All specifications of the products are with normal manufacturing allowances and tolerances. HINO MOTORS CANADA, LTD. reserves the right to alter specifications at any time without previous notice.