

# HINO 358 SERIES



# HINO

# 2008

## TRUCK CHASSIS SPECIFICATIONS

All 2008 models require ultra-low sulfur fuel

(NV8J) SS-NV026  
GVW: 15,870 kg (35,000 lbs.)  
ENGINE MODEL: J08E-TW (Turbo Intercooled)

### DIMENSIONS (On standard specifications)

MODEL		NV8JLSA**	NV8JMSA**	NV8JTSA	NV8JVSA
Wheelbase	A mm(in.)	4,750 (187.0)	5,207 (205.0)	6,426 (253.0)	6,883 (271.0)
Overall length	B mm(in.)	7,686 (302.6)	8,143 (320.6)	9,921 (390.6)	9,921 (390.6)
Overall width	C mm(in.)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)
Overall height	D mm(in.)	2,715 (106.9)	2,715 (106.9)	2,715 (106.9)	2,715 (106.9)
Cab to axle	E mm(in.)	3,038 (119.6)	3,495 (137.6)	4,714 (185.6)	5,171 (203.6)
Rear overhang	F mm(in.)	1,905 (75.0)	1,905 (75.0)	2,464 (97.0)	2,007 (79.0)
Frame height at					
Front axle	G mm(in.)	935 (36.8)	935 (36.8)	935 (36.8)	935 (36.8)
Rear axle	H mm(in.)	1,025 (40.4)	1,025 (40.4)	1,025 (40.4)	1,025 (40.4)
Road clearance					
(at front axle)	J mm(in.)	255 (10.0)	255 (10.0)	255 (10.0)	255 (10.0)
Tread					
Front	K mm(in.)	2,015 (79.3)	2,015 (79.3)	2,015 (79.3)	2,015 (79.3)
Rear	L mm(in.)	1,835 (72.2)	1,835 (72.2)	1,835 (72.2)	1,835 (72.2)
Turning radius					
Tire	mm(in.)	7,690 (302.8)	8,350 (328.7)	10,120 (398.4)	10,790 (424.8)
Swept	mm(in.)	8,210 (323.2)	8,870 (349.2)	10,640 (418.9)	11,310 (445.3)

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

MT Total weight	kg(lb.)	4,755 (10,480)	4,810 (10,600)	4,935 (10,880)	4,960 (10,930)
Front axle	kg(lb.)	2,865 (6,315)	2,910 (6,410)	2,990 (6,590)	3,040 (6,695)
Rear axle	kg(lb.)	1,890 (4,165)	1,900 (4,190)	1,945 (4,290)	1,920 (4,235)
AT Total weight	kg(lb.)	4,860 (10,710)	4,915 (10,840)	5,040 (11,110)	5,065 (11,170)
Front axle	kg(lb.)	2,945 (6,490)	2,995 (6,605)	3,075 (6,780)	3,125 (6,895)
Rear axle	kg(lb.)	1,915 (4,220)	1,920 (4,235)	1,965 (4,330)	1,940 (4,275)

\*\* w/ 120,000 psi frame

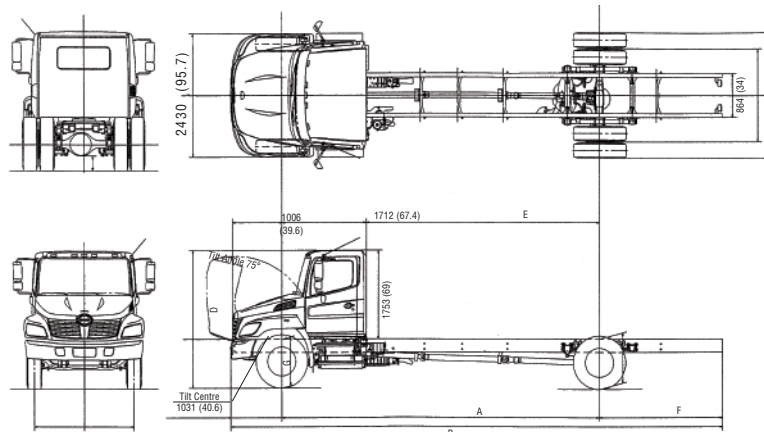
### POWER LINE & PERFORMANCE

[15,870 kg (35,000 lbs.) GVW & 11R22.5 tires]

Power line	<input type="checkbox"/> STD.	<input type="checkbox"/> OPT.
Max. speed km/h	121	119
Gradeability (tan.θ) %	35.6	45.8
Transmission Model	Eaton FS6406A	Allison 3000RDS
Type	Six-speed direct drive synchromesh 1st-6th	Five-speed automatic
1st.	9.008	3.487
2nd.	5.270	1.864
3rd.	3.220	1.409
Ratios	4th. 2.040	1.000
5th.	1.361	0.750
6th.	1.000	-
Rev.	8.625	5.027
Rear axle gear ratios	4.110	5.570
Tire is combined with ratio	11R22.5	11R22.5

### ENGINE

Model	HINO J08E-TW
Type:	Diesel 4-cy., 6-cyl. in-line, water-cooled
Combustion system:	Direct injection type
Max. output:	260HP at 2,500 rpm
Max. torque: (SAE Gross)	794 N·m (585 lb.-ft.) at 1,500 rpm
Bore and stroke:	112 x 130 mm (4.41 x 5.12 in.)
Piston displacement	7.680 L (468.8 cu.in.)
Fuel injection system:	Radial plunger pump (HP-4)
Governor:	Electronically controlled
Intake system:	Turbocharged and intercooled
Air cleaner:	Paper filter type ("DONALDSON")
Pre-heater:	Glow heater plug type
Fan clutch:	Bimetal thermostat sensor regulates fan speed
Block heater:	1,000 watts/120V immersion type



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**WEIGHT CAPACITIES**

Front axle	kg(lbs.)	5,440 (12,000)
Rear axle	kg(lbs.)	10,430 (23,000)
Front spring	kg(lbs.)	5,440 (12,000)
Rear spring	kg(lbs.)	10,430 (23,000)

**LIQUID CAPACITIES**

Fuel tank ltr.(gal./US)	196.8 (52)
Cooling system	23.5 (6.21)
ltr.(gal./US)	: Eaton FS6406A
	23.0 (6.08)
	: ALLISON 3000RDS

**AXLE / SUSPENSION**

Front axle	MFS-12 series reversed Elliot, "I" beam; Oil-lubricated front wheel bearings
Front spring	Taper-leaf springs w/ shock absorbers
Rear axle	RS23-160 series Full-floating, single reduction Single-speed by hypoid gears
Rear spring	Semi-elliptic main and auxiliary helper-leaf spring

**FRAME (80,000 PSI)**

Ladder type	Straight ] section
Width mm(in.)	866.8 (34.1) : W/B: 253/271
Tensile strength	56.2 (79,935)
kg/mm <sup>2</sup> (lb/in) <sup>2</sup>	
Resisting bending moment (one side)	147.56 x 105 mm • kg (1,280,800)
kgf•cm (in•lbs.)	no reinforcement

**FRAME (120,000 PSI)**

Ladder type	Straight ] section
Width mm(in.)	866.8 (34.1) : W/B: 187/205
Tensile strength	87.8 (12,488)
kg/mm <sup>2</sup> (lb/in) <sup>2</sup>	
Resisting bending moment (one side)	231.79 x 105 mm • kg (1,933,200)
kgf•cm (in•lbs.)	no reinforcement

**STEERING**

Type	Telescopic and tilt steering column with lock Recirculating ball, with hydraulic booster integral type
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**CLUTCH**

Type	Dry single plate with damper springs and auto adjuster EATON-SPICER SAS1401 series
Facing material	Cermetallic
Facing outside diameter mm (in.)	350 (13.8)
Control	Hydraulic

**WHEELS / TIRES**

6 Wheels	22.5X8.25 10-stud disc.
6 Tires	11R22.5(G)
Brand & Pattern	BS Fr: RIB, Rr: LUG

**BRAKES**

Service brake	Full air, dual circuit, "S" cam type, leading & trailing shoes, with automatic adjustment
Drum diameter	Front;
x lining width	381 x 101.6 x 18.5
x thickness	(15 x 4 x 0.73)
mm(in.)	Rear;
	419.1 x 177.8 x 21.6 (16.5 x 7 x 0.85)
Control	Full air dual circuit with Antilock Brake System (ABS)
Parking brake	Spring brake acting on rear wheels
Air dryer for air tank	Equipped with heater (Bendix)
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

**CAB EQUIPMENT**

Cab construction	- All steel welded
Seating	- Three
Driver's seat	- Adjustable reclining, covered with fabric with air suspension
Passenger's seat	- Bench type, covered with fabric
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	- 4, 1 heated, flat and 1 convex on each side
Sun visors	- Two
Over-head console	- Two
Air conditioning	
Windshield	- Laminated
Windshield wipers	- Dual electric, 2-speed and intermittent
Cup holder	- dash and console mounted
Electric power windows	
Electronic cruise control	
Cigarette lighter	

**DASH INSTRUMENTATION**

Meters and gauges, metric system
Speedometer- km/h (mph)
Odometer (km/h)
Fuel gauge
Coolant temperature gauge
Engine tachometer
Warning and pilot lamps and buzzers
Oil pressure warning lamp and buzzer
Brake pressure warning lamp and buzzer
Coolant level warning lamp and buzzer
Battery charging warning lamp
High beam indicator lamp
Turn signal pilot lamp
Parking brake warning lamp
Engine control system warning lamp
ABS warning lamp
Glow plug pre-heater indicator lamp

**ELECTRICAL EQUIPMENT**

Batteries	Two, parallel connection, each 12 V
Capacity	1200 CCA
Alternator	105 A brushless
Starter	12 V, 4.8 kW
Audio system	AM/FM radio with CD
Headlamps	2, composite type
Identification lamps (front)	LED type
Stop/Tail lamps	
Back-up lamps	
Turn signals and hazard warning lamps	
Front side marker lamps	
Clearance lamps (front)	
Air horn and dual electric horns	

**CHASSIS EQUIPMENT**

Fuel pre-filter	- Pre-filter (dust) and sedimenter (water) with heater - DAVCO
Reflectors	- Two rear, two front side
Hook	- One at front
Bumper	- 3 piece bumper
Radiator Grille	- Chrome

*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.