

# 2010

# HINO 338<sub>CT</sub>

## SPECIFICATIONS

**4 x 2 Conventional**    **GVW: 33,000 lbs.**    **BBC: 108"**    **Engine Model: J08E-TW (Turbo Intercooled)**

### DIMENSIONS (On standard specification)

Wheelbase/Code	A in.	152.0/G
Overall length	B in.	231.6
Overall width	C in.	96.5
Overall height	D in.	106.9
Cab to axle	E in.	85.0
Rear overhang	F in.	39.0
Frame height at:	Front axle	G in. 36.8
	Rear axle	H in. 40.6
Road clearance (at diff. axle)	J in.	11.2
Tread:	Front	K in. 79.3
	Rear	L in. 72.2
Turning radius:	Curb to Curb	ft. 42.0
	Wall to wall	ft. 45.4

### CHASSIS WEIGHTS (On standard specification)

MT	Total weight	lb.	10,790
	Front axle	lb.	6,342
	Rear axle	lb.	4,688
AT	Total weight	lb.	11,030
	Front axle	lb.	6,342
	Rear axle	lb.	4,688

### TRACTOR EQUIPMENT

- Access grab handle
- Adjustable plate mount
- Available wheelbases - 144"/76.6" CA or 151" WB/83.6" CA
- Coiled trailer air hoses with gladhands
- Fleetline stainless 1/4 fenders with Hino logo flap
- Fleetline stainless mud flaps hangers
- Fleetline white mud flaps with Hino logo
- Fontaine stationary mounted fifth wheel
- Frame-mounted access steps (roadside)
- Aluminum deck plate
- Gladhand and electrical storage
- Modular design hose support - frame mounted, powder coated
- Rear mounted work light
- Seven-way trailer electrical line
- Spray suppression
- Tapered rear frame access
- Tractor access package
- Tractor/Trailer brake and electrical connections
- WABCO ECU with trailer ABS

### ENGINE

Model	HINO J08E-TW
Type	Diesel 4-cycle, 6-cylinder in-line water-cooled, dry cylinder line
Combustion system	Direct injection type
Max. output (SAE Gross)	260HP at 2,500 rpm
Max. torque (SAE Gross)	585 lb.-ft. at 1,500 rpm
Bore and stroke	4.41 x 5.12 in.
Piston displacement	7.680L
Fuel injection pump	Radial plunger pump (HP-4)
Governor	Electronically controlled
Intake system	Turbocharged and intercooled
Air cleaner	Paper filter type (Donaldson)
Air compressor type	Single cylinder, water-cooled
Fan clutch	Bimetal thermostat sensor regulates fan speed
Glow plugs	Standard
Air compressor	Single cylinder, 10.0 cfm @ 1,250 rpm

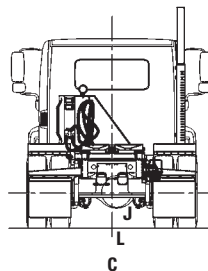
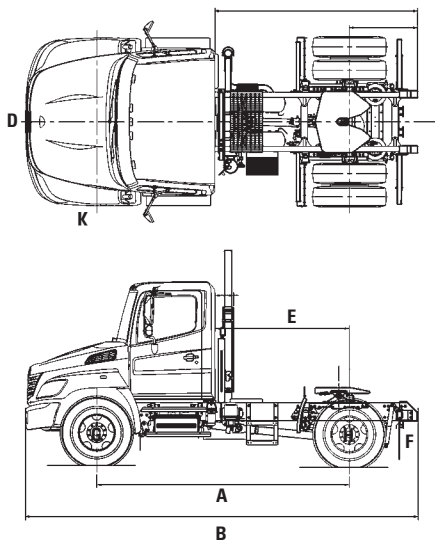
### POWERTRAIN AND PERFORMANCE

33,000 lbs. GVW			
Powertrain		<input type="checkbox"/> STD.	<input type="checkbox"/> OPT.
Max. speed mph		75*	76*
Startability (tan.θ) %		38.2	49.3
Transmission	Model	Eaton FS6406A	Allison 3000 RDS
	Type	Six-speed direct drive synchromesh 1st-6th	Six-speed automatic
Ratios	1st.	9.008	3.487
	2nd.	5.270	1.864
	3rd.	3.220	1.409
	4th.	2.040	1.000
	5th.	1.361	0.750
	6th.	1.000	0.650
	Rev.	8.625	5.027
Rear axle gear ratios		4.110	5.570
Tires (standard ratio)		11R22.5-14	11R22.5-14

(\*) Maximum speed is limited with speed limiter

### ROADSIDE ASSISTANCE

HinoWatch, service free of charge. 3-year unlimited roadside assistance includes: lockout, out of fuel, battery jumpstart, information and warranty towing (2 year coverage).



**Ranks "Highest in Customer Satisfaction Among Conventional Medium Duty Trucks"**

For J.D. Power and Associates award information, visit [jdpower.com](http://jdpower.com).

## WEIGHT CAPACITIES

Front axle	lbs.	12,000
Rear axle	lbs.	21,000
Front spring	lbs.	12,000
Rear spring	lbs.	21,000

## LIQUID CAPACITIES

Fuel tank	gal.	52
Cooling system	gal.	6.21 : Eaton FS6406A 6.08 : Allison 3000RDS
Engine oil	qt.	16.15

## AXLE/SUSPENSION

Front axle	MFS-12 series reversed Elliot, with "I" beam (oil lubricated type)
Front spring	Taper-leaf springs shock absorbers
Rear axle	RS21-145 series Full-floating, single reduction Single-speed by hypoid gearings
Rear spring	Semi-elliptic main and auxiliary helper-leaf spring

## FRAME

Ladder type		Straight C Channel
Width	in.	34: W/B=175-235 34.1: W/B=253
Yield strength	PSI	80,000
Resisting bending moment (one side)	in.-lbs.	1,280,800 no reinforcement

## STEERING

Steering column	Tilt and telescopic with lock adjustability
Steering system	TRW recirculating ball, with hydraulic booster, integral type

## CLUTCH

Type	Dry single plate with damper springs Eaton-Spicer SAS1401 series
Facing material	Ceramic
Facing outside diam. (in.)	13.8
Control	Hydraulic

## WHEELS/TIRES

6 Wheels	22.5 x 8.25 10-stud disc.
Wheel style	Steel, powder coated
6 Tires	11R22.5-14 (G)
Tire brand and pattern	Bridgestone Fr-rib/Rr-lug

## BRAKES

Service brake	Full air, dual circuit, "S" cam type leading and trailing shoes, with automatic adjustment
Drum diameter x lining width x thickness (in.)	Front: 15 x 4 x 0.73 Rear: 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	Equipped for air tank
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

## CAB EQUIPMENT

Air conditioning	Standard
Cab construction	All steel welded
Cigarette lighter	Equipped
Cruise control	Standard
Coat hook	One (rear panel)
Cup holders	Two at center cluster (Single) - for MT, (Dual) - for AT
Door pockets	Two
Driver's seat	Adjustable reclining, covered with vinyl with air suspension
Heater/Defroster	18,357 BTU/h
Mirrors outside rearview	Four, 1-flat and 1-convex at each side
Over-head consoles	Two
Passenger's seat	Bench type, vinyl (2 passenger)
Seat belts	3-point type (driver and passenger), one 2-point type (center)
Seating	Three-person
Speakers	Two for front
Sun visors	Two
Ventilator	Electric forced air
Windshield	Laminated
Windshield wipers	Dual electric, 2-speed and intermittent

## DASH INSTRUMENTATION

Meters and gauges	
Speedometer-mph (km/h)	
Odometer (mile)	
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 indicator	
Parking brake warning lamp	
Engine control system warning lamp	
ABS warning lamp	
Driver Information Display	
Instant and trip fuel consumption	
DPR monitor	
Maintenance schedule	
Engine/vehicle diagnostics	

## ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12V
Capacity	1200 CCA
Alternator	12 V, 100 A, brush Delco
Starter	12 V, 4.8 kW Denso
Engine shutdown system	Equipped
Road Speed Limit Control	Equipped
Audio	AM/FM radio with CD
Headlamps	Daytime running - integrated with turn signal and hazard lamps
Stop/Tail lamps	
Back-up lamps	
Side-flasher lamp	
Front side marker lamps	
Trucklite LED cab marker lamps (front)	
Electric horn (dual)	

## CHASSIS EQUIPMENT

Radiator grille	Chrome
Fuel tank	Aluminum
Fuel pre-filter	Heated pre-filter (dust) and sedimenter (water)
Reflectors	Two rear, two front side
Tow hook	One at front
Air dryer	NABCO, heated
Air tank	68L

## CAB CONFIGURATION OPTIONS

Extended cab	30' cab extension, available with full-width bench seat or 26' day bunk
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## OPTIONAL EQUIPMENT

Air horn	
Air ride suspension dump valve - Electric	
Air ride suspension - Hendrickson (N/A on G, J wheelbases)	
Alternator - 12 V, 105 A, brushless Denso	
Battery - Absorbed glass mat (AGM) 31 Configuration	
Battery - Three parallel connection each 12 V (GR27x3)	
Battery - Two or three parallel connection each 12 V (GR31 type)	
Bumper, front - Black and 4 inch extension (available 3 piece)	
Bumper, front - White and 4 inch extension (available 3 piece)	
Bumper, front - White 3 piece (available with one or two tow hooks)	
Bumper, front - Chrome and 4 inch extension	
Bumper, front - Chrome (available with one or two tow hooks)	
Cab paint, exterior - Black or red	
Cold weather package	
- Heated mirrors - (available in chrome)	
- Engine block heater	
- Bendix air dryer	
Clutch - Eaton 1401 self-adjusting solo	
Clutch - Eaton 1402 twin plate self-adjusting solo	
Engine block heater	
Engine idle throttle knob - Removed	
Exhaust brake - Disengage	
Exhaust system - Vertical stack type (N/A with 95 gal. fuel tank)	
Frame rail - 120,000 PSI	
Fuel tank - Dual 52 gal.	
Mirrors, outside rearview - Chrome	
Mirrors, outside rearview - Chrome, heated with marker light	
Mirrors, outside rearview - Heated with marker light	
Power windows and power door locks	
Seats - Fabric with reclining single person passenger seat	
Seats - Fabric with two person bench seat	
Seats - Vinyl with reclining single person passenger seat	
Synthetic fluids - Auto/manual transmission and rear differential	
Tire pattern - Rib on rear	
Transmission, automatic - Allison 3000 RDS (rear axle ratio 5.57)	
Wheels - Alcoa polished aluminum	

## NOTE:

All specifications of the products are with normal manufacturing allowances and tolerances. HINO MOTORS SALES U.S.A., INC. reserves the right to alter specifications at any time without previous notice. Some optional items of equipment may require extra time due to the need for their adaptation on the product line.

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