

HINO 338CT

4 x 2 CONVENTIONAL

GVW: 33,000 lbs.

BBC: 108"

Engine Model: J08E-TW (Turbo Intercooled)

2009 SPECIFICATIONS

DIMENSIONS (On standard specification)

Wheelbase/Code	A in.	144.0/E	152.0/G
Overall length	B in.	231.6	231.6
Overall width	C in.	96.5	96.5
Overall height	D in.	106.9	106.9
Cab to axle	E in.	76.6	84.6
Rear overhang	F in.	39.0	39.0
Frame height at:	G in.	36.8	36.8
Road clearance (at diff. axle)	J in.	11.2	11.2
Tread:	K in.	79.3	79.3
Turning radius:	ft.	42.0	42.0
Wall to wall			

CHASSIS WEIGHTS (On standard specification)

MT	Total weight	lb.	10,790	10,820
	Front axle	lb.	6,168	6,185
	Rear axle	lb.	4,622	4,635
AT	Total weight	lb.	11,030	11,060
	Front axle	lb.	6,342	6,360
	Rear axle	lb.	4,688	4,700

TRACTOR EQUIPMENT

- Tractor/Trailer brake and electrical connections
- Modular design hose support - frame mounted, powder coated
- Coiled trailer air hoses with gladhands
- Seven-way trailer electrical line
- Rear mounted work light
- Gladhand and electrical storage
- WABCO ECU with trailer ABS
- Tapered rear frame access
- Tractor access package
- Frame-mounted access steps (roadside)
- Access grab handle
- Aluminum deck plate
- Spray suppression
- 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
- Adjustable plate mount

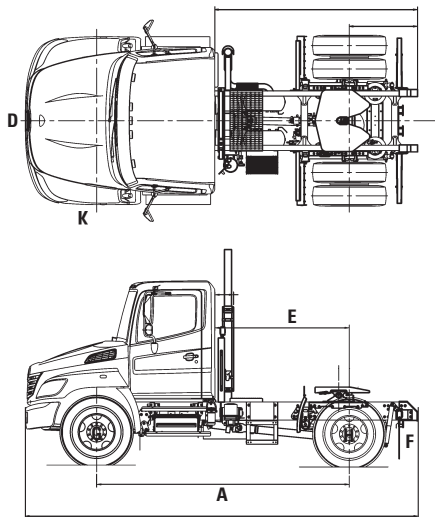
ENGINE

Model	HINO J08E-TW
Type	Diesel 4-cycle, 6-cylinder in-line, water-cooled
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
Ratios	Transmission Model	Eaton FS6406A	Allison 3000 RDS
	Type	Six-speed direct drive synchromesh 1st-6th	Six-speed automatic
	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
Tire is combined with ratio		11R22.5-14	11R22.5-14

(*): Maximum speed is limited with speed limiter



B

ROADSIDE ASSISTANCE

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



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

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
Speed limiter	Equipped
Audio	AM/FM radio with CD
Headlamps	Daylight 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	49L

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 - Hendrickson (N/A on G, J wheelbases)
Air ride suspension dump valve - Electric
Alternator - 12 V, 105 A, brushless
Battery - Three parallel connection each 12 V (GR27x3)
Battery - Two or three parallel connection each 12 V (GR31 type)
Battery - Absorbed glass mat (AGM) 31 Configuration
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
Exhaust system - Vertical stack type (N/A with 95 gal. fuel tank)
Frame rail - 120,000 PSI
Mirrors, outside rearview - Heated with marker light
Mirrors, outside rearview - Chrome, heated with marker light
Mirrors, outside rearview - Chrome
Power windows and power door locks
Seats - Vinyl with reclining single person passenger seat
Seats - Fabric with reclining single person passenger seat
Seats - Fabric with two person bench seat
Synthetic fluids - Auto/manual transmission and rear differential
Tire pattern - Rib on rear
Tow hooks - Two at front
Transmission, automatic - Allison 3000 RDS (rear axle ratio 5.57)
Transmission, automatic - Eaton Ultrashift Highway Value
Wheels - Alcoa polished aluminum (inner rear wheels are steel)
Engine idle throttle knob - Removed
Exhaust brake - Disengage

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.