

HINO 338_{CT}

4 x 2 CONVENTIONAL

GVW: 33,000 lbs.

BBC: 108"

ENGINE MODEL: J08E-TW (Turbo Intercooled)

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:			
Front axle	G in.	36.8	36.8
Rear axle	H in.	40.6	40.6
Road clearance (at diff. axle)	J in.	11.2	11.2
Tread:			
Front	K in.	79.3	79.3
Rear	L in.	72.2	72.2
Turning radius:			
Tire	ft.	42.0	42.0
Wall to wall	ft.	45.4	45.4

CHASSIS WEIGHTS (On standard specification)

MT	Total weight	lb.	10,820	10,820
	Front axle	lb.	6,185	6,185
	Rear axle	lb.	4,636	4,635
AT	Total weight	lb.	11,060	11,060
	Front axle	lb.	6,360	6,360
	Rear axle	lb.	4,700	4,700

TRACTOR EQUIPMENT

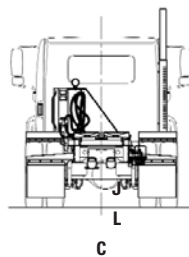
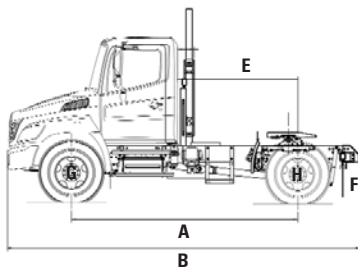
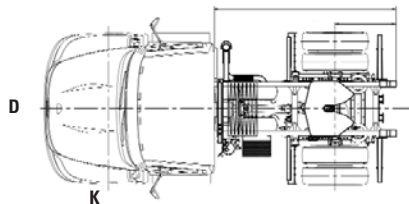
Available wheelbases – 144"/76.6" CA or 151" WB/83.6" CA
Tractor/Trailer brake and electrical connections
Modular design hose support – frame mounted, powder coated
Coiled trailer air hoses with gladhands
Seven-way trailer electrical line
Rear-mounted work light
Gladhand and electrical storage
WABCO ECU with trailer ABS
Tapered rear frame access
Tractor access package
Frame-mounted access steps (roadside)
Access grab handle
Galvanized deck plate
Spray suppression
Fleetline stainless 1/4 fenders with Hino logo flap
Fleetline stainless mud flap 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)	260 hp 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	7.680 L
Fuel injection pump	Radial plunger (HP-4)
Governor	Electronically controlled
Intake system	Turbocharged and intercooled
Air cleaner	Paper filter type (DONALDSON)
Fan clutch	Bimetal thermostat sensor regulates fan speed
Glow plugs	Standard
Air compressor	Single cylinder, 10.0 cfm @ 1,250 rpm

POWERTRAIN & PERFORMANCE

33,000 lbs. GVW				
Powertrain	<input type="checkbox"/> STD.	<input type="checkbox"/> OPT.	<input type="checkbox"/> OPT.	<input type="checkbox"/> OPT.
Max. speed mph	75	78	78	79
Startability (tan.θ) %	38.2	37.2	49.3	48.0
Transmission	Model	Eaton FS6406A	Allison 3000 RDS	
	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	3.900	5.570	5.290
Tire is combined with ratio	11R22.5-14	295/75R22.5	11R22.5-14	295/75R22.5



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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./US	52
Cooling system	gal./US	6.21 : Eaton FS6406A 6.08 : ALLISON 3000RDS
Engine oil	qt./US	16.15

AXLE / SUSPENSION

Front axle	MFS-12 series reversed Elliot, "I" beam, oil-lubricated
Front spring	Taper-leaf springs w/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

Type	TRW-TAS65 recirculating ball with tilt and telescopic steering column
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CLUTCH

Type	Dry single plate with damper springs EATON-SPICER SAS1401 series
Facing material	Cerametallic
Facing outside diameter in.	13.8
Control	Hydraulic

WHEELS / TIRES

6 Wheels	22.5 x 8.25 10-stud disc.
6 Tires	11R22.5-14 (G)
Pattern	Front rib / Rear lug

BRAKES

Service brake	Full air, dual circuit, "S" cam type, leading & 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

CAB EQUIPMENT

Hand control valve	Dash mounted
Trailer protection valve	With ABS warning lamp
Cab construction	All steel welded
Seating	Three-person
Driver's seat	Adjustable reclining, vinyl with air suspension
Passenger's seat	Bench type, vinyl (two passenger)
Seat belts	3-point type (driver and passenger), one 2-point type (center)
A/C	134 Denso
Heater/Defroster	18,357 BTU/h
Mirrors outside rearview	Four; one flat and one convex at each side
Sun visors	Two – flip-down
Overhead compartment	Two with latching doors
Chrome grille	Standard
Ventilator	Electric forced air
Windshield	Laminated
Windshield wipers	Dual electric, 2-speed and intermittent
Cup holders	Standard
Cigarette lighter	Standard
Coat hook	One (rear panel)
Door pockets	Two
Air horn	Standard
Cruise control	Standard

DASH INSTRUMENTATION

Meters and gauges	
Speedometer-mph (km/h)	
Odometer (mile)	
Fuel gauge	
Coolant temperature gauge	
Engine tachometer	
Warning lamps and buzzers	
Oil pressure warning lamp and buzzer	
Brake pressure warning lamp and buzzer	
Coolant level warning lamp and buzzer	
Battery charging system 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 & trip fuel consumption	
DPR monitor	
Maintenance schedules	
Engine/vehicle diagnostics	

ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12 V
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, two speaker
Headlamps	Integrated w/turn signal and hazard lamps
Stop/Tail lamps	
Back-up lamps	
Side flasher lamp	
Front side marker lamps	
Trucklite LED cab marker lamps	
Clearance lamps (front)	
Electric horn (dual)	

CHASSIS EQUIPMENT

Fuel pre-filter	Davco 230 FuelPro® Heated fuel/water separator
Reflectors	Two rear, two front side
Tow hook	One at front
Air dryer	Heated, standard
Air tank	68 L

OPTIONS

Cloth seats	
Single passenger's seat – Adjustable reclining	
Lubricated front wheel bearings	
Clutch (Dry single plate with auto adjuster –SAS 1401 Solo)	
Clutch (Dry twin plate with auto adjuster –SAS 1402 Solo)	
Cold weather package (includes)	
Heated mirrors	
Block heater	
Heated air dryer (Bendix)	
Front Bumper (three pieces)	
Front Bumper (three pieces with 4 inch extension/black)	
Front Bumper (4 inch extension / black)	
Front Bumper (chrome)	
Front Bumper (4 inch extension/chrome)	
Alternator – 12 V, 105 A, brushless	
Battery – 12 V GR31; GR31 x 3; GR27 x 3	
Fuel tank – dual 52 gal./US; 95 gal./US	
Air dryer – Bendix type without heater	
Tires — Fr: rib, Rr: rib	
Air horn	
Rear axle – Meritor RS23-160	
120k PSI frame (specific to wheelbase)	
Exhaust system – Stack tail type; vertical stack	
RH freestanding vertical exhaust with chrome heat shield (not available with 95 gallon single RH fuel tank)	
Rear shock absorbers	
Chrome mirrors	
Power windows	
Hendrickson air suspension (specific to wheelbase)	
Electric central dump valve	
Synthetic fluids – transmission/rear differential	
Cab paint – red or black	
Safety kit (fire extinguisher and triangle kit)	
Rear stabilizer	
Aluminum wheels	
Exhaust brake – Electric-pneumatic with valve in exhaust pipe	
Locking differential with cab controls	

ROADSIDE ASSISTANCE

HinoWatch (service free of charge)	3-year unlimited roadside assistance • Lockout • Out of Fuel • Battery Jumpstart • Information • Warranty Towing
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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 may require extra lead time.