

2020 HINO 338

GVW: 33,000 LBS. BBC: 108"
ENGINE MODEL: J08E-VB 260HP
660 LB-FT TORQUE



TRUCKS

A Toyota Group Company



HINO INSIGHT CONNECTED VEHICLE



TELEMATICS, CASE MANAGEMENT, REMOTE DIAGNOSTICS...**STANDARD.**

At Hino we're changing the way we support our vehicles and customers so that your business is first. From the moment you take delivery of your Hino Insight equipped connected vehicle, you're on the road to more uptime and lower operating costs. Combining Telematics, Remote Diagnostics and Case Management in one integrated platform, Hino Insight puts critical vehicle and driver management tools at your fingertips.



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ENGINE

Model	Hino J08E-VB
Type	Diesel 4 cycle, 6-cylinder in-line water-cooled, dry cylinder liners
Fuel System	Common rail, direct injection type (Denso)
Max. output (SAE Gross)	260hp at 2,500 rpm
Max. torque (SAE Gross)	660 lb.-ft. at 1,500 rpm
Displacement	8L
Bore and stroke	4.41 x 5.12 in.

WHEELS/TIRES/BRAKES

6 Wheels	STD Steel 22.5X8.25 10-stud disc powder coated white OPT Powder coated gray, or Polished aluminum
6 Tires	STD 11R22.5-14, Fr-Rib, Rr-All Season OPT 295/75R22.5-14, Fr-Rib, Rr-All Season (21k axle only)
Service brake	Full air, dual circuit, "S" cam type, leading & trailing shoes with automatic adjustment
Exhaust brake	Electric-pneumatic with valve in exhaust pipe
Parking brake	Spring brake chamber (rear axle) with SR-7 emergency brake system

ELECTRICAL EQUIPMENT

Batteries	STD Two, parallel connection, 1200 CCA (GR 31) OPT Multiple two battery choices OPT Multiple Three battery choices
Alternator	STD 12V, 130A, Delco (brush) OPT 12V, 135A (brushless)/180A (brush)/200A (brush)
Starter	Denso-12V, 4.8kW

DIMENSIONS/WEIGHTS

Wheelbase (in.)	152/G	175/J	187/L	205/M	217/P	235/R	253/T	271/V
Cab to axle (in.)	84.6	107.6	119.6	137.6	149.6	167.6	185.6	203.6
Rear overhang (in.)	50	63	75	75	97	97	97	79
Frame height at front axle (in.)	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3
Frame height at rear axle (in.)	41.7	41.9	42.0	41.9	42.2	42.1	42.0	41.7
Std. chassis weight (lbs.)	10,605	10,705	10,790	10,955	11,045	11,100	11,155	11,220

POWERTRAIN AND PERFORMANCE

Transmission	Type	Allison Six speed automatic with Fuelsense 2.0																				
	Model	STD-2500RDS				OPT-2500HS				OPT-3000RDS				OPT-3500RDS								
Ratios	1st	3.51								3.49				4.59								
	2nd	1.90								1.86				2.25								
	3rd	1.44								1.41				1.54								
	4th	1								1				1								
	5th	0.74								0.75				0.75								
	6th	0.64								0.65				0.65								
	Rev.	-5.09								-5.03				-5.00								
GVW (lbs.)	33,000								33,000				33,000									
GCWR* (lbs.)	33,000***								49,000				49,000									
Gear Ratios	21k Axle	4.88	5.29	-	STD 5.57	-	5.86	6.14	4.88	5.29	-	STD 5.57	-	5.86	6.14	4.88	5.29	-	STD 5.57	-	5.86	6.14
	23k Axle	-	-	5.38	-	5.63	-	6.14	-	-	5.38	-	5.63	-	6.14	-	-	5.38	-	5.63	-	6.14
Gradeability (% of grade)	33.9	37.2	37.9	39.5	40	42	44.5	48.5	53.8	55	57.6	58.5	60	60	55.5	60	60	60	60	60	60	60

FRAME

Ladder type	Straight C channel		
Width (in.)	34		
Yield strength (PSI)	STD - 80,000	OPT 120,000	
Resisting bending moment (one side, no reinforcement) in. -lbs.	1,031,900	1,933,200	

CHASSIS EQUIPMENT

Fuel Tank	STD 50 gallon OPT Dual 50 gal./Single 70 gal./Single 95 gal.
DEF tank	4.7 gal.

AXLE/SUSPENSION

Front axle	MFS-12 series reverse Elliot, "I" beam (oil lubricated)
Front spring	Taper-leaf springs with shock absorbers
Rear axle	MS21-14X, full floating, single reduction, single-speed, hypoid gearing OPT RS23-160
Rear Spring Suspension	Spring Semi-elliptic main OPT 4,500 lb. auxiliary rubber rear spring (23k axle only)
Rear Air Suspension	OPT Air ride suspension - Hendrickson Comfort Air OPT Air ride suspension - Hendrickson 23k Severe Duty OPT Air ride suspension - dump valve (electric), single & dual valve

WEIGHT CAPACITIES

Front axle/susp lbs.	STD-12,000 OPT 10,000 OPT 13,200 OPT 14,000
Rear axle/susp lbs.	STD-21,000 OPT-23,000

WHY DRIVERS LOVE OUR TRUCKS

Bluetooth AM/FM radio with CD player
Air ride drivers seat
Air conditioning
Cruise control
Tilt and telescopic steering wheel
55 Degree wheel cut
80 Degree door opening
4007 sq. in. windshield area
Exterior grab handle

WHY OWNERS LOVE OUR TRUCKS

ENGINE WARRANTY	STD - 5 years/250,000 miles OPT - 7 years/150,000 miles	HINOCARE	OPT - Preventive care extension
HINOWATCH	24/7 Roadside Assistance	HINO INSIGHT	Telematics by Verizon Remote Diagnostics Case Management
	STD 1 Year OPT 3 & 5 Yr STD 5 Years STD 5 Years		

POPULAR OPTIONAL EQUIPMENT (partial list)

Allison Fuel Sense Plus / Max
Cab paint, exterior - custom (factory)
Differential lock and controls
Engine idle shutdown
Front frame extension and stationary grille
GVW de-rate 25,950
Mirrors, fender mounted-chrome (both sides or passenger only)
Mirrors, outside rearview-chrome
Mirrors-power heated (available in chrome)
Power windows and door locks (available with keyless entry)
Programmable speed limit 65,70 mph
Rear helper spring-sub leaf type
Stabilizer bar, rear (leaf suspension only)
Trailer brake package
Battery disconnect & jump start station