

2017 HINO 338



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
Engine displacement	8L
Bore and stroke	4.41 x 5.12 in.

WEIGHT CAPACITIES

Front axle	lbs.	STD-12,000 (OPT-10k, 13.2k, 14k)
Rear axle	lbs.	STD-21,000 (OPT-23,000)
Front spring	lbs.	STD-12,000 (OPT-14,000)
Rear Spring	lbs.	STD-21,000 (OPT-23,000)

FRAME

Ladder type	Straight C Channel
Width	in. 34
Yield strength	PSI STD-80,000 (OPT-120,000)
Resisting bending moment	in.-lbs. STD-1,280,000 (OPT- 1,933,200) (one side, no reinforcement)

BRAKES

Service	Full air, dual circuit, "S" cam type, leading & trailing shoes with automatic adjustment
Exhaust	Electric-pneumatic with valve-in exhaust pipe
Parking	Spring brake chamber (rear axle) with SR-7 emergency brake system

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
Frame height at front axle	in.	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Frame height at rear axle - Air susp. / Leaf susp.	in.	39.0 / 40.6	39.0 / 40.6	39.0 / 40.6	39.0 / 40.6	39.0 / 40.6	39.0 / 40.6	39.0 / 40.6	39.0 / 40.6
Rear overhang	in.	50.0	63.0	75.0	75.0	97.0	97.0	97.0	79.0
Std. chassis weight - Leaf susp.	lbs.	10,605	10,705	10,790	10,955	11,045	11,100	11,155	11,220
Std. chassis weight - Air susp.	lbs.	10,580	10,660	10,735	10,915	11,000	11,055	11,100	11,175

Frame height at front axle in. 37.0 | Frame height at rear axle - Air susp. / Leaf susp. in. 39.0 / 40.6

POWERTRAIN AND PERFORMANCE

GVW	33,000																					
GCWR*	33,000 lbs.																					
Powertrain	STD	OPT	48,000 lbs.	48,000 lbs.																		
Max. speed mph** (programmable)	75	75	75	75	75	74	71	75	75	75	75	75	75	74	71	68						
Startability (% of grade)	39.6	33.9	37.2	38	40.1	42	44.5	57.7	48.5	53.8	55.1	58.5	60	60	60	55.6	60	60	60	60	60	
Rear axle gear ratio	21k axle	5.57	4.88	5.29	-	-	5.86	6.14	5.57	4.88	5.29	-	-	5.86	6.14	5.57	4.88	5.29	-	-	5.86	6.14
	23k axle	-	-	-	5.38	5.63	-	6.14	-	-	-	5.38	5.63	6.14	-	-	-	-	5.38	5.63	-	6.14
Transmission	Model	Allison 2500RDS with Shift Energy Management										Allison 3000RDS with Fuel Sense Basic			Allison 3500 RDS with Fuel Sense Basic							
	Fluids	Synthetic																				
	Type	Six-speed automatic																				
Ratios	1st.	3.512										3.487			4.593							
	2nd.	1.896										1.864			2.257							
	3rd.	1.439										1.409			1.535							
	4th.	1										1			1							
	5th.	0.737										0.75			0.749							
	6th.	0.64										0.65			0.651							
	Rev.	5.086										5.027			4.999							

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.

AXLE/SUSPENSION

Front axle	MFS-12 series reversed Elliot, "I" beam (oil lubricated)
Front spring	Taper-leaf spring, shock absorbers
Rear axle	RS21-145, full floating, single reduction, single-speed, hypoid gearing
	Semi-elliptic main
Rear spring	OPT-4,500 lb. auxiliary rubber rear spring (23k rear axle only)
Rear Air	OPT-Hendrickson Comfort Air
	OPT-Hendrickson 23k Severe Duty

ELECTRICAL EQUIPMENT

Batteries	STD- Two 12V parallel circuit, 650 CCA (GR 31 type)
	OPT-Three parallel circuit, 650 CCA (GR 31 type)
	OPT-Two parallel circuit AGM (925 CCA)
Alternator	STD-12V, 130 A, Delco (brush type)
	OPT-12V, 135 A (brushless), 180 A (brush type), 200 A (brush type)
Starter	Denso-12V, 4.8 kW
Cab audio	AM/FM/CD Player/MP3/Bluetooth

WHEELS/TIRES

6 Wheels	22.5 x 8.25 10-stud disc
Wheel style	Steel, powder coated
6 tires	STD-11R22.5-14(G)
	OPT-295/75R22.5-14 (G) (21k rear axle only)
Tire pattern	Fr- Rib, Rr - All Season

CHASSIS EQUIPMENT

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

POPULAR OPTIONAL EQUIPMENT (partial list)

Air ride suspension dump valve (electric), single & dual valve
Cab paint, exterior - custom (factory)
Differential lock with controls
Engine idle shutdown
Front frame extension and stationary grille
GVW de-rate 25,950
Mirrors, fender mounted-chrome (both sides or passenger)
Mirrors, outside rear view-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
Wheels-polished aluminum or powder coated gray

SERVICES



HINO WARRANTY - ENGINE	STD - 5 years/250,000 miles
	OPT - 7 years/150,000 miles
HINOWATCH	24/7 Roadside Assistance
HINOCARE	OPT - Preventive Care
HINO INSIGHT	Telematics by Telogis
	Remote Diagnostics
	Case Management