



## 2020 MODEL 338



ALL 2020 MODELS REQUIRE ULTRA-LOW SULFUR DIESEL FUEL

ENGINE	
Model	J08E-VB
Displacement	7.7L
Type	6-cyl, in-line, water cooled
Max. Output (SAE Gross)	260hp @ 2500rpm
Max. Torque (SAE Gross)	660 lb-ft. @ 1500rpm
Fuel System	Denso Common Rail, direct injection

POWERTRAIN & PERFORMANCE		
GVWR, kg (lbs.)		14,950 (33,000)
GCWR, kg (lbs.)		14,950 (33,000)
Maximum Speed, km/hr		104
Gradeability (tan θ) %		39.5
Rear Axle Ratio		5.57
Transmission	Model	Allison 2500 RDS (PTO capable)
	Type	6-speed automatic
Ratio	1st	3.512
	2nd	1.896
	3rd	1.439
	4th	1.000
	5th	0.737
	6th	0.643
	Rev.	5.086

WEIGHT CAPACITIES, kg (lbs.)	
GAWR - Front Axle	5,440 (12,000)
GAWR - Rear Axle	9,530 (21,000)

AXLE / SUSPENSION	
Front Axle	Reversed Elliot, "I" beam, oil lubricated
Front Spring	Taper-leaf springs with shock absorbers
Rear Axle	Full-floating, single reduction; single-speed hypoid gears
Rear Spring	Semi-elliptic leaf spring

WHY DRIVERS LOVE OUR TRUCKS	
Air conditioning	
Tilt & telescopic steering column with lock	
Power windows	
Power door locks with keyless entry	
Power and heated outer rearview mirrors	
Convex mirror (2)	
Driver's seat - high-back seat with air suspension & arm rest	
Passenger seat - 2-person high-back bench seat	
Cruise control	
Exhaust brake	
Glow plug cold weather starting aid	
1000W/120V engine block heater	

FRAME	
Ladder Type	Straight C channel
Width, mm (in)	863 (34)
Yield Strength, kg/mm <sup>2</sup> (psi)	56.2 (80,000)
Resisting Bending Moment, one side kgf-mm (in-lbs.)	1,475,588 (1,280,800)
Front Bumper	1-piece, chrome
Tow hook	One, front right side

CHASSIS EQUIPMENT	
Fuel Tank ltr. (US gallon)	189 (50) mounted under cab, left side
Bumper	Chrome, one-piece
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	19 (5.0)

WHEELS / TIRES	
Wheels	22.5 x 8.25, 10-stud disc
Tires	Bridgestone 11R22.5
Pattern	Front: Rib, Rear: Lug

ELECTRICAL EQUIPMENT	
Batteries	Two 12V, parallel connection, 1300 CCA
Alternator	12V, 135A, brushless
Starter kW (hp)	12V, 4.8 (6.4)
Audio System	AM/FM audio system with Bluetooth®

BRAKES	
Service Brake	Hydraulic, 4-wheel disc with ABS
Parking Brake	Mechanical, internal expanding acting on differential

OPTIONAL EQUIPMENT	
Hendrickson rear air suspension	
Alcoa aluminum wheels	
Dual 50-gallon aluminum fuel tanks	
90-gallon aluminum fuel tank, driver's side mounted	
Multimedia audio system with Bluetooth® and Navigation	
Passenger seat - high-back seat with air suspension & arm rest	
4" front bumper extension	
Cab paint, exterior (see Dealer for available colours)	
Vertical exhaust	
Batteries (see Dealer for available options)	
Allison 2500HS Transmission available only on 253", 271" and 280" wheelbase	
21,000 lbs. "Severe Duty" air suspension	
Orange seat belts	

HINO PREVENTIVE CARE (HPP)	
1-year scheduled maintenance included, up to 50,000 kms.	
Complimentary engine oil changes and chassis lubrication services for years 2 and 3, up to 150,000 kms.	

HINOWATCH	
No-charge, 24-hour roadside assistance for the first 3-years of ownership. HINOWATCH covers lockout service, battery jump-start and towing on warrantable repairs (max. of \$1,000 per tow).	

DIMENSIONS mm (in)	338-187	338-205	338-217	338-235	338-253	338-271	338-280
Wheelbase	4,750 (187.0)	5,207 (205.0)	5,512 (217.0)	5,969 (235.0)	6,426 (253.0)	6,883 (271.0)	7,112 (280.0)
Cab to axle	3,038 (119.6)	3,495 (137.6)	3,800 (149.6)	4,257 (167.6)	4,714 (185.6)	5,171 (203.6)	5,400 (212.6)
Overall length	7,686 (302.6)	8,143 (320.6)	9,007 (354.6)	9,464 (372.6)	9,921 (390.6)	9,921 (390.6)	9,921 (390.6)
Overall height	2,720 (107.1)	2,720 (107.1)	2,720 (107.1)	2,720 (107.1)	2,720 (107.1)	2,720 (107.1)	2,720 (107.1)
Overall width	2,500 (98.4)	2,500 (98.4)	2,500 (98.4)	2,500 (98.4)	2,500 (98.4)	2,500 (98.4)	2,500 (98.4)
Frame height at rear axle	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)
Rear overhang	1,905 (75.0)	1,905 (75.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)	2,007 (79.0)	1,778 (70.0)
Turning radius - tire	7,680 (302.4)	8,340 (328.3)	8,790 (346.1)	9,450 (372.0)	10,120 (398.4)	10,780 (424.4)	11,137 (438.5)
Turning radius - swept	8,210 (323.2)	8,870 (349.2)	9,320 (366.9)	9,980 (392.9)	10,650 (419.3)	11,310 (445.3)	11,668 (459.4)
CHASSIS WEIGHT	338-187	338-205	338-217	338-235	338-253	338-271	338-280
Front axle kgs (lbs.)	2,935 (6,470)	2,990 (6,590)	2,990 (6,590)	3,025 (6,670)	3,055 (6,735)	3,055 (6,735)	3,061 (6,748)
Rear axle kgs (lbs.)	1,680 (3,705)	1,700 (3,745)	1,740 (3,835)	1,730 (3,815)	1,725 (3,800)	1,755 (3,870)	1,759 (3,878)
Total weight kgs (lbs.)	4,615 (10,175)	4,690 (10,335)	4,730 (10,440)	4,755 (10,485)	4,780 (10,535)	4,810 (10,605)	4,820 (10,626)

**NOTE :**  
All specifications are with normal manufacturing allowances and tolerances. HINO MOTORS CANADA, LTD. reserves the right to alter specifications at any time without prior notice.

