

2020 HINO 238

GVW: 23,000 LBS. BBC: 108"
ENGINE MODEL: J08E-WU 230HP
520 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-WU
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)	230hp at 2,500 rpm
Max. torque (SAE Gross)	520 lb.-ft. at 1,500 rpm
Engine displacement	8L
Bore and Stroke	4.41 x 5.12 in.

POWERTRAIN AND PERFORMANCE

GVW	23,000 lbs.	
GCWR*	26,000 lbs.	
Rear Axle Gear Ratios	OPT 5.13	STD 5.29
Gradeability (% of grade)	35.7	37.2
Model	STD-2200HS	OPT-2200RDS
Transmission Type	Allison Six speed automatic with Fuelsense 2.0	
	1st	3.102
	2nd	1.811
	3rd	1.406
Ratios	4th	1
	5th	0.712
	6th	0.614
	Rev.	-4.492

WEIGHT CAPACITIES

Front axle/susp	lbs.	8,000/8,000
Rear axle/susp	lbs.	17,500/19,000

CHASSIS EQUIPMENT

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

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 axl (in.)	36.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1
Frame height at rear axle (in.)	39.8	39.8	39.9	39.9	40.0	40.0	39.9	39.7
Std. chassis weight (lbs.)	9,790	9,735	9,800	9,910	10,020	10,055	10,085	10,150

FRAME

Ladder type	Straight C channel		
Width (in.)	34		
Yield strength (PSI)	80,000		
Resisting bending moment (one side, no reinforcement) in. -lbs.	152" WB	All others	
	1,280,000	1,031,900	

AXLE/SUSPENSION

Front axle	MFS-8 series reverse Elliot, "I" beam (oil lubricated)
Front spring	Taper-leaf springs with shock absorbers
Rear axle	MS17-14X, full floating, single reduction, single-speed, hypoid gearing
	STD Spring Semi-elliptic main
Rear Suspension	OPT Air ride suspension - Hendrickson
	OPT Air ride suspension - dump valve (electric), single & dual valve

WHEELS/TIRES/BRAKES

6 Wheels	Steel 22.5X8.25 10-stud disc powder coated white
	OPT Powder coated gray, or Polished aluminum
6 Tires	10R22.5-14(BS), Fr-Rib, Rr-All Season
Service brake	Hydraulic system with disc brake for front and rear wheels
Exhaust brake	Electric-pneumatic with valve in exhaust pipe
Parking brake	Lever control with cable, internal expanding drum type

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

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	STD 1 Year
	Remote Diagnostics	OPT 3 & 5 Yr
	Case Management	STD 5 Years

POPULAR OPTIONAL EQUIPMENT (partial list)

Allison Fuel Sense Plus / Max
Anti-siphon device insert in fuel tank
Back-up alarm
Cab paint, exterior - custom (factory)
Engine idle shutdown
Exhaust system - vertical stack type
Mirrors, fender mount-chrome
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)
Battery disconnect & jump start station

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. *Condition is city delivery and 8% max grades HSS CON238 120