

# M | SERIES

## 2021 HINO M5 HYBRID

ALL 2021 MODELS REQUIRE ULTRA-LOW SULFUR DIESEL FUEL

ENGINE	
Model	J05E-UG
Displacement	5.1L
Type	4-cyl, in-line, water cooled
Max. Output (SAE Gross)	210hp @ 2500rpm
Max. Torque (SAE Gross)	440 lb-ft. @ 1500rpm
Fuel System	Denso Common Rail, direct injection

POWERTRAIN & PERFORMANCE		
GVWR, kg (lbs.)		8,850 (19,500)
GCWR, kg (lbs.)		11,566 (25,500)
Maximum Speed, km/hr		119
Gradeability (tan θ) %		58.4
Rear Axle Ratio		5.142
Transmission	Model	Aisin A465 HD (PTO capable)
	Type	6-speed automatic
Ratio	1st	3.742
	2nd	2.003
	3rd	1.343
	4th	1.000
	5th	0.773
	6th	0.634
	Rev.	3.539

WEIGHT CAPACITIES, kg (lbs.)	
GAWR - Front Axle	3,300 (7,270)
GAWR - Rear Axle	6,200 (13,660)

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

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 - adjustable high-back seat with magnetic suspension	
Passenger seat - 2-person high-back bench seat	
Cruise control	
Exhaust brake	
Glow plug cold weather starting aid	
1000W/120V engine block heater	
LED headlamps	

DIMENSIONS mm (in)	M5H-137	M5H-149	M5H-173
Wheelbase	3,500 (137.8)	3,800 (149.6)	4,400 (173.2)
Cab to axle	2,942 (115.8)	3,242 (127.6)	3,842 (151.3)
Overall length	5,806 (228.6)	6,106 (240.4)	6,706 (264.0)
Overall height	2,379 (93.7)	2,379 (93.7)	2,379 (93.7)
Overall width	2,135 (84.1)	2,135 (84.1)	2,135 (84.1)
Frame height at rear axle	846 (33.3)	847 (33.3)	847 (33.3)
Rear overhang	1,175 (46.3)	1,175 (46.3)	1,175 (46.3)
Turning radius - tire	6,600 (259.8)	7,100 (279.5)	8,100 (318.9)
Turning radius - swept	7,270 (286.2)	7,770 (305.9)	8,770 (345.3)
CHASSIS WEIGHT	M5H-137	M5H-149	M5H-173
Front axle kgs (lbs.)	2,047 (4,509)	2,071 (4,562)	2,134 (4,701)
Rear axle kgs (lbs.)	1,099 (2,421)	1,085 (2,390)	1,098 (2,419)
Total weight kgs (lbs.)	3,146 (6,930)	3,156 (6,952)	3,232 (7,119)

### 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.

FRAME	
Ladder Type	Straight C section
Width, mm (in)	838 (33)
Yield Strength, kg/mm <sup>2</sup> (psi)	40.0 (56,900)
Resisting Bending Moment, one side kgf-mm (in-lbs.)	4,072,000 (353,450) for 137.8" & 149.6" wheelbase; 4,874,000 (423,050) for 173.2" wheelbase
Front Bumper	Resin material, colour-matched to cab
Tow hook	One, front right side

CHASSIS EQUIPMENT	
Fuel Tank ltr. (US gallon)	114 (30), rear mounted
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	19 (5.0)

WHEELS / TIRES	
Wheels	19.5 x 6.00-127, 6-stud disc.
Tires	Bridgestone 225/70R19.5
Pattern	Front: Rib, Rear: Lug

ELECTRICAL EQUIPMENT	
Batteries	Two 12V, parallel connection, 1850 CCA
Alternator	12V, 130A, brushless
Starter kW (hp)	12V, 4.8 (6.44)
Audio System	AM/FM audio system with Bluetooth®
Hybrid Motor output (Max)	36.7 KW (49 HP)
Hybrid Motor torque (Max)	350 Nm (258 lbs.-ft.) @ 1,000 RPM
Hybrid Battery	288 V, Nickel-metal hydride

BRAKES	
Service Brake	Hydraulic, 4-wheel disc with ABS and Electronic Brake Force Distribution (EBD)
Parking Brake	Mechanical, internal expanding acting on transmission output shaft

OPTIONAL EQUIPMENT	
Multimedia audio system with Bluetooth® and Navigation	
Limited Slip Differential	

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).	

