

L | SERIES

2023
Hino L7

ENGINE

Model	Cummins B6.7
Displacement	6.7L
Type	6-cyl, in-line, water cooled
Max. Output (SAE Gross)	260 hp @ 2,400 rpm
Max. Torque (SAE Gross)	660 lbs.-ft @ 1,600 rpm
Fuel System	High Pressure Common Rail System

POWERTRAIN & PERFORMANCE

GVWR, kg (lbs.)	14,950 (33,000)	
GCWR, kg (lbs.)	14,950 (33,000)	
Maximum Speed, km/hr	104	
Gradeability (tan θ) %	39.6	
Rear Axle Ratio	5.57	
Transmission	Model	Allison 2500 RDS, FuelSense 2.0 Max with DynActive Shifting and Neutral At Stop
	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	Meritor MFS-12 - Reversed Elliot, "I" beam, oil lubricated
Front Spring	Taper-leaf springs with shock absorbers
Rear Axle	Meritor MS21-14X - 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
Steering wheel, 4 spoke, black with control switches
Power windows & power door locks
Power and heated outer rear-view mirrors with convex mirrors (2)
Driver's Seat - High-back premium fabric, with air suspension & arm rest
Passenger Seat - 2-Person premium fabric
Cruise control
1000W/120V engine block heater
Fully trimmed cab
55 degree wheel cut
80 degree door opening
Three-piece front bumper

FRAME

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

CHASSIS EQUIPMENT

Fuel Tank ltr. (US gallon)	189 (50)
Bumper	White, 3-piece
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	28 (7)

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	Delco - 12V, 135A, brushless
Starter kW (hp)	12V, 4.7 (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

REAR SUSPENSION - Hendrickson ComfortAir with Dump Valve
FUEL TANK - 340L (90 US gal), Aluminum
WHEELS - Alcoa Aluminum
AUDIO - Kenwood GPS with Bluetooth® and Navigation
BATTERY - Third (GR31) or AGM
SEAT BELTS - High Visibility, Orange
BUMPER - 4" front extension
BUMPER - One piece, Chrome
EXHAUST - Vertical Exhaust
MIRRORS - Driver & Passenger Side Fender mounted
REAR DIFFERENTIAL - Locking, Driver Controlled
TRANSMISSION - Allison 2500 Highway Series (HS) - 253/271/280 wheelbase only

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.

DIMENSIONS mm (in)	L7-187	L7-205	L7-217	L7-235	L7-253	L7-271	L7-280
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	7,798 (307.0)	8,255 (325.0)	8,550 (336.6)	9,474 (373.0)	9,921 (390.6)	10,378 (408.6)	10,607 (417.6)
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	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)
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	2,007 (79.0)	2,007 (79.0)	2,007 (79.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)
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	L7-187	L7-205	L7-217	L7-235	L7-253	L7-271	L7-280
Front axle kgs (lbs.)	2,799 (6,170)	2,853 (6,290)	2,860 (6,305)	2,914 (6,425)	2,945 (6,495)	2,990 (6,590)	2,925 (6,448)
Rear axle kgs (lbs.)	1,762 (3,885)	1,767 (3,895)	1,780 (3,925)	1,755 (3,870)	1,750 (3,925)	1,795 (3,955)	1,870 (4,123)
Total weight kgs (lbs.)	4,561 (10,055)	4,620 (10,185)	4,640 (10,230)	4,670 (10,295)	4,725 (10,420)	4,785 (10,545)	4,795 (10,571)

NOTE:

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ENGINE	
Model	Cummins B6.7
Displacement	6.7L
Type	6-cyl, in-line, water cooled
Max. Output (SAE Gross)	260 hp @ 2,400 rpm
Max. Torque (SAE Gross)	660 lbs.-ft @ 1,600 rpm
Fuel System	High Pressure Common Rail System

POWERTRAIN & PERFORMANCE		
GVWR, kg (lbs.)	14,950 (33,000)	
GCWR, kg (lbs.)	14,950 (33,000)	
Maximum Speed, km/hr	104	
Gradeability (tan θ) %	39.6	
Rear Axle Ratio	5.57	
Transmission	Model	Allison 2500 RDS, FuelSense 2.0 Max with DynActive Shifting and Neutral At Stop
	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	Meritor MFS-12 - Reversed Elliot, "I" beam, oil lubricated
Front Spring	Taper-leaf springs with shock absorbers
Rear Axle	Meritor MS21-14X - 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
Steering wheel, 4 spoke, black with control switches
Power windows & power door locks
Power and heated outer rear-view mirrors with convex mirrors (2)
Driver's Seat - High-back premium fabric, with air suspension & arm rest
Passenger Seat - 2-Person premium fabric
Cruise control
1000W/120V engine block heater
Fully trimmed cab
55 degree wheel cut
80 degree door opening
Three-piece front bumper
REAR SUSPENSION - Hendrickson ComfortAir with Dump Valve

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

CHASSIS EQUIPMENT	
Fuel Tank ltr. (US gallon)	189 (50)
Bumper	White, 3-piece
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	28 (7)

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	Delco - 12V, 135A, brushless
Starter kW (hp)	12V, 4.7 (6.4)
Audio System	AM/FM audio system with Bluetooth®

BRAKES	
Service Brake	Full air, dual circuit, 4-wheel drum with ABS
Parking Brake	Spring brake acting on rear wheels

OPTIONAL EQUIPMENT
FUEL TANK - 340L (90 US gal), Aluminum
WHEELS - Alcoa Aluminum
AUDIO - Kenwood GPS with Bluetooth® and Navigation
BATTERY - Third (GR31) or AGM
SEAT BELTS - High Visibility, Orange
BUMPER - 4" front extension
BUMPER - One piece, Chrome
EXHAUST - Vertical Exhaust
MIRRORS - Driver & Passenger Side Fender mounted
REAR DIFFERENTIAL - Locking, Driver Controlled

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.

DIMENSIONS mm (in)	L7AB-187	L7AB-205	L7AB-217	L7AB-235	L7AB-253	L7AB-271
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)
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)
Overall length	7,798 (307.0)	8,255 (325.0)	8,550 (336.6)	9,474 (373.0)	9,921 (390.6)	10,378 (408.6)
Overall height	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)
Overall width	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)
Frame height at rear axle	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)
Rear overhang	2,007 (79.0)	2,007 (79.0)	2,007 (79.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)
Turning radius - tire	7,690 (302.8)	8,350 (328.7)	8,790 (346.1)	9,460 (372.4)	10,120 (398.4)	10,790 (424.8)
Turning radius - swept	8,210 (323.2)	8,870 (349.2)	9,310 (366.5)	9,980 (392.9)	10,640 (418.9)	11,310 (445.3)
CHASSIS WEIGHT	L7AB-187	L7AB-205	L7AB-217	L7AB-235	L7AB-253	L7AB-271
Front axle kgs (lbs.)	2,844 (6,270)	2,894 (6,380)	2,905 (6,405)	2,953 (6,510)	2,990 (6,590)	3,035 (6,690)
Rear axle kgs (lbs.)	1,837 (4,050)	1,846 (4,070)	1,855 (4,090)	1,837 (4,050)	1,860 (4,100)	1,875 (4,135)
Total weight kgs (lbs.)	4,681 (10,320)	4,740 (10,450)	4,760 (10,495)	4,790 (10,560)	4,850 (10,690)	4,910 (10,825)

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L | SERIES

2023
Hino L7
Commercial Class

ENGINE	
Model	Cummins B6.7
Displacement	6.7L
Type	6-cyl, in-line, water cooled
Max. Output (SAE Gross)	260 hp @ 2,400 rpm
Max. Torque (SAE Gross)	660 lbs.-ft @ 1,600 rpm
Fuel System	High Pressure Common Rail System

POWERTRAIN & PERFORMANCE		
GVWR, kg (lbs.)	14,950 (33,000)	
GCWR, kg (lbs.)	14,950 (33,000)	
Maximum Speed, km/hr	104	
Gradeability (tan θ) %	39.6	
Rear Axle Ratio	5.57	
Transmission	Model	Allison 2500HS 6 Speed Auto, Highway Series
	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	Meritor MFS-12 - Reversed Elliot, "I" beam, oil lubricated
Front Spring	Taper-leaf springs with shock absorbers
Rear Axle	Meritor MS21-14X - 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	
Steering wheel, 4 spoke, black with control switches	
Power door locks - Driver & Passenger side	
Heated Outside Rearview, black	
Driver's Seat - High-back premium fabric, with air suspension & arm rest	
Passenger Seat - 2-Person premium fabric	
Cruise control	
1000W/120V engine block heater	
Fully trimmed cab	
55 degree wheel cut	
80 degree door opening	
Three-piece front bumper	

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

CHASSIS EQUIPMENT	
Fuel Tank ltr. (US gallon)	189 (50)
Bumper	White, 3-piece
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	28 (7)

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	Delco - 12V, 135A, brushless
Starter kW (hp)	12V, 4.7 (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	
FUEL TANK - 340L (90 US gal), Aluminum	
WHEELS - Alcoa Aluminum	
AUDIO - Kenwood GPS with Bluetooth® and Navigation	
BATTERY - Third (GR31) or AGM	
SEAT BELTS - High Visibility, Orange	
BUMPER - 4" front extension	
BUMPER - One piece, Chrome	
EXHAUST - Vertical Exhaust	
MIRRORS - Driver & Passenger Side Fender mounted	

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.	

DIMENSIONS mm (in)	L7C-253	L7C-271	L7C-280
Wheelbase	6,426 (253.0)	6,883 (271.0)	7,112 (280.0)
Cab to axle	4,714 (185.6)	5,171 (203.6)	5,400 (212.6)
Overall length	9,921 (390.6)	10,378 (408.6)	10,607 (417.6)
Overall height	2,720 (107.1)	2,720 (107.1)	2,720 (107.1)
Overall width	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)
Frame height at rear axle	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)
Rear overhang	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)
Turning radius - tire	10,120 (398.4)	10,780 (424.4)	11,137 (438.5)
Turning radius - swept	10,650 (419.3)	11,310 (445.3)	11,668 (459.4)
CHASSIS WEIGHT	L7C-253	L7C-271	L7C-280
Front axle kgs (lbs.)	2,945 (6,495)	2,990 (6,590)	2,925 (6,448)
Rear axle kgs (lbs.)	1,750 (3,925)	1,795 (3,955)	1,870 (4,123)
Total weight kgs (lbs.)	4,725 (10,420)	4,785 (10,545)	4,795 (10,571)

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L | SERIES

2023 Hino L7 Air Brake Safety Suite

ENGINE	
Model	Cummins B6.7
Displacement	6.7L
Type	6-cyl, in-line, water cooled
Max. Output (SAE Gross)	260 hp @ 2,400 rpm
Max. Torque (SAE Gross)	660 lbs.-ft @ 1,600 rpm
Fuel System	High Pressure Common Rail System

POWERTRAIN & PERFORMANCE		
GVWR, kg (lbs.)	14,950 (33,000)	
GCWR, kg (lbs.)	14,950 (33,000)	
Maximum Speed, km/hr	104	
Gradeability (tan θ) %	39.6	
Rear Axle Ratio	5.57	
Transmission	Model	Allison 2500HS 6 Speed Auto, Highway Series
	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	Meritor MFS-12 - Reversed Elliot, "I" beam, oil lubricated
Front Spring	Taper-leaf springs with shock absorbers
Rear Axle	Meritor MS21-14X - 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	
Steering wheel, 4 spoke, black with control switches	
Power windows & power door locks	
Power and heated outer rear-view mirrors with convex mirrors (2)	
Driver's Seat - High-back premium fabric, with air suspension & arm rest	
Passenger Seat - 2-Person premium fabric	
Adaptive Cruise Control, steering wheel controls	
1000W/120V engine block heater	
Fully trimmed cab	
55 degree wheel cut	
80 degree door opening	
Three-piece front bumper	
REAR SUSPENSION - Hendrickson ComfortAir with Dump Valve	
REAR DIFFERENTIAL - Locking, Driver Controlled	
Electronic Stability Control, 4S/4M	
Wabco OnGuard ACTIVE collision mitigation system	
Wabco OnLane ALERT warning system	

DIMENSIONS mm (in)	L7S-253	L7S-271
Wheelbase	6,426 (253.0)	6,883 (271.0)
Cab to axle	4,714 (185.6)	5,171 (203.6)
Overall length	9,921 (390.6)	10,378 (408.6)
Overall height	2,710 (106.7)	2,710 (106.7)
Overall width	2,450 (96.5)	2,450 (96.5)
Frame height at rear axle	995 (39.2)	995 (39.2)
Rear overhang	2,464 (97.0)	2,464 (97.0)
Turning radius - tire	10,120 (398.4)	10,790 (424.8)
Turning radius - swept	10,640 (418.9)	11,310 (445.3)
CHASSIS WEIGHT	L7S-253	L7S-271
Front axle kgs (lbs.)	2,990 (6,590)	3,035 (6,690)
Rear axle kgs (lbs.)	1,860 (4,100)	1,875 (4,135)
Total weight kgs (lbs.)	4,850 (10,690)	4,910 (10,825)

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

CHASSIS EQUIPMENT	
Fuel Tank ltr. (US gallon)	189 (50)
Bumper	White, 3-piece
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	28 (7)

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	Delco - 12V, 135A, brushless
Starter kW (hp)	12V, 4.7 (6.4)
Audio System	AM/FM audio system with Bluetooth®

BRAKES	
Service Brake	Full Air with ABS & Traction Control
Parking Brake	Spring brake acting on rear wheels

OPTIONAL EQUIPMENT	
FUEL TANK - 340L (90 US gal), Aluminum	
WHEELS - Alcoa Aluminum	
AUDIO - Kenwood GPS with Bluetooth® and Navigation	
BATTERY - Third (GR31) or AGM	
SEAT BELTS - High Visibility, Orange	
BUMPER - 4" front extension	
BUMPER - One piece, Chrome	
EXHAUST - Vertical Exhaust	
MIRRORS - Driver & Passenger Side Fender mounted	

HINOWATCH	
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