



Hino 238, 258LP, 268, 268A, 338

- » The 238, 258LP, 268, 268A and 338 are the larger versions of Hino's conventional cab trucks
- » The conventional cab was developed from Hino's previous Low Cab Forward design
- » 238 is 23,000 lb. GVWR; 258LP is a low-profile 25,500 lb.; 268 is 25,950 lb.; 268A is 25,950 lb. with air brakes; 338 is 33,000 lb. GVWR
- » 6-cylinder diesel only, 220 hp on 238, 258, 268; 260 hp on 338
- » 7 wheelbase choices
- » Limited options
- » Hino setting up urban-based distribution network

F-Series Advantages over Hino

- Power options from 215 hp to 300 hp vs. single engine choice at each GVWR for Hino and a maximum of 260 hp
- Large cowl-mounted folding mirrors with integrated wide-angle mirror and numerous options for power, heat and signals (Hino has traditional West Coast mirrors with add-on spot mirrors)
- Available driver and front passenger air bags (not available on Hino)
- 3-point cab mount with available Hystec mounts (Hino has no Hystec mounts available)
- Available two-speed rear axle available (not available on Hino)
- Extensive dealership body vs. limited urban retailers for Hino
- Choice of vocationally rated Allison automatics to match engine output (single 5-speed Allison automatic option for each Hino)
- Available 6-speed, 9-speed or 10-speed manual transmissions suited for many different applications vs. single 6-speed direct drive manual transmission available on Hino
- Available air seats for driver and front passenger add all-day comfort, plus work-center console provides vocational utility (Hino has standard driver air seat and fixed two-person bench seat)
- Available electronic traction control helps improve traction on slippery surfaces (not available on Hino)
- Extensive choices for frame length and strength (Hino has a total of seven wheelbase options, but not all on the same weight trucks, and no frame strength options)
- Short wheelbase F-Series tractors offer high maneuverability and cab comfort. No short WB tractor available on Hino
- Available tandem axle (not available on Hino)
- Choice of axle ratios allows customer to match product to needs for towing or geared road speed (two ratios only available on Hino)
- Progressive spring aids help cushion load and chassis from impacts when suspension bottoms (not available on Hino)
- Available taperleaf rear springs (not available on Hino)
- High capacity dual 750 CCA batteries, vs. dual 600 CCA standard on Hino
- Standard automatic engine shutdown prevents possible engine damage (not available on Hino)
- Available aluminum hub-piloted wheels reduce vehicle weight, for increased payload (not available on Hino)



Mitsubishi Fuso

- » Mitsubishi Fuso sells a lineup of weight-specific tilt-cab trucks that sell against the F-Series trucks
- » All of these Mitsubishi Fuso trucks use the same Mitsubishi diesel engine. 243 hp and 514 lb.-ft. torque with the Mitsubishi manual transmission or Allison automatic. 274 hp and 593 lb.-ft. torque on FM with Eaton manual transmission
- » Mitsubishi Fuso model nomenclature identifies GVWR. The FM260 GVWR is 25,995; FM330 GVWR is 32,900 lb.
- » Transmission choices limited to 6-speed direct drive manual or Allison 2400 automatic on FM260 or 6-speed or 9-speed manual or Allison 3060 on FM330

F-Series Advantages over Mitsubishi Fuso

- » Mitsubishi Fuso trucks are not spec'd, but selected from stock, with only wheelbase choices as a significant alternative
- Choice of taperleaf or multileaf front suspension to handle high CG loads (taperleaf front suspension only on Mitsubishi Fuso)
- Hydraulic opposed-piston front and rear disc brakes standard below 33,000 lb., for powerful braking and easy service (front and rear air-over-hydraulic drum brakes on Mitsubishi Fuso FM260. Air brakes on FM330)
- Resin plate protectors for door handles help protect cab (not available on Mitsubishi Fuso)
- Back-of-cab reservoir access for oil, coolant, power steering and brake fluid simplifies daily service (back-of-cab reservoir access for oil only on Mitsubishi Fuso)
- Longer maximum wheelbase can handle longer body lengths (260.0 in. vs. 239.4 in.)
- Choice of taperleaf, multileaf or air rear suspension provides ride quality, durability and lightweight benefits (multileaf rear suspension only on Mitsubishi Fuso, except optional air suspension on FM260 with 218 or 239-in. WB)
- Optional bolted-on rear suspension for ease of adapting (not available on Mitsubishi Fuso)
- Higher maximum frame yield strength for durability (120,000 psi available vs. 51,200 psi)
- Low Profile Package optional for lower ride height (not available on Mitsubishi Fuso)
- Longer warranty on frame rails helps control repair costs (60 months/unlimited mileage vs. 48 months/unlimited mileage)
- Tilt-cab mechanism in a safer location (passenger side vs. driver side)
- Lower passenger-side window enhances driver vision (not available on Mitsubishi Fuso)
- Longer, more comprehensive roadside assistance coverage helps reduce service costs (36 months/unlimited mileage vs. 24 months/unlimited mileage; full roadside assistance vs. towing only)
- Unlimited mileage powertrain warranty vs. 250,000-mile powertrain warranty limit
- Higher available GVWR, for maximum load carrying capability (40,090 lb. with single axle or 56,000 lb. with tandem vs. 32,900 lb.)
- Choice of engine power from 200 hp to 300 hp allows customer to tailor truck to needs. Mitsubishi Fuso has single engine output for each model



Nissan UD

- » Nissan UD sells a lineup of weight-specific tilt-cab trucks that sell directly against the F-Series cabovers
- » UD diesel has only one power rating and torque rating available. Hino engine is used in UD
- » UD truck nomenclature identifies GVWR
- » Maximum GVWR is 32,900 lb. for the UD3300
- » Transmission choices limited to single 6-speed manual over-drive plus the Allison LCT2400P only available up to 25,995 lb. GVWR
- » Nissan UD trucks are not spec'd, but selected from stock, with only wheelbase choices as a significant alternative

F-Series Advantages over Nissan UD

- Spec-based configuration helps meet customer needs (model-based configuration with UD)
- Choice of Isuzu 6-cylinder diesel engines offer many different power ratings. Much higher maximum power and torque rating available on F-Series, with up to 300 hp and 860 lb.-ft. of torque (Nissan UD only offers Hino diesel, rated at 230 hp and 506 lb.-ft. of torque)
- Choice of taperleaf, multileaf or air rear suspension provides the ride quality, durability and lightweight benefits of taperleaf springs or ride quality of air suspension (multileaf front suspension only on UD)
- Standard taperleaf front suspension contributes to ride quality, durability and light weight (not available on Nissan UD)
- Wet-arm windshield wipers help keep fluid on windshield, conserve fluid (not available on UD)
- Hydraulic opposed-piston front and rear disc brakes standard, for powerful braking and easy service (front and rear air-over-hydraulic drum brakes on UD)
- Choice of manual or automatic transmissions (UD has only 6-speed manual available on UD3300. UD2600 has 6-speed manual or Allison LCT2400P optional)
- Choice of cab colors enhances business appeal of F-Series (white cab only on UD)
- Available air seats for driver and front passenger add all-day comfort, plus work-center console provides vocational utility (UD has no air-seat options)
- AM/FM stereo radio standard, for added value (optional on UD)
- Optional bolted-on rear suspension allows easy modification (not available on UD)
- Higher maximum frame yield strength contributes to durability in heavy-duty use (120,000 psi available vs. 51,200 psi)
- Longer warranty on frame rails helps control repair costs (60 months/unlimited mileage vs. 24 months/unlimited mileage)
- Tilt-cab mechanism on passenger-side vs. driver-side, for safety when lifting cab on the highway
- Automatic-reset circuit breakers speeds minor electrical repairs (fuses standard on UD)
- Longer, more comprehensive roadside assistance coverage helps control repair costs (36 months/unlimited mileage vs. 24 months/unlimited mileage; full roadside assistance vs. towing only)
- Higher available GVWR, for maximum load carrying capability (40,090 lb. with single axle or 56,000 lb. with tandem vs. 32,900 lb.)
- Available LoPro (not available on UD)
- Full air brakes are available on trucks rated below 33,000 lb., for high-duty use. UD only installs air brakes on 3300

Specifications	Isuzu F-Series	Hino 238/258/268/338	Mitsubishi Fuso FM260/330	Nissan UD 2600/3300
Engine	Isuzu 6HK1-TC	Hino	Mitsubishi	Hino
Engine type	24-valve OHC I-6	24-valve OHC I-6	24-valve OHC I-6	24-valve OHC I-6
Displacement	7.8L	7.7L	7.5L	7.7L
Base horsepower	215 @ 2200	220 @ 2500	243 @ 2600	230 @ 2500
Base torque, lb.-ft.	560 @ 1450	520 @ 1500	514 @ 1400	506 @ 1500
Max. horsepower	300 @ 2200	260 @ 2500 (338 only)	274 @ 2600	230 @ 2500
Max. torque, lb.-ft.	860 @ 1440	585 @ 1500 (338 only)	593 @ 1400	506 @ 1500
Clutch	13.8 in.	13.8	15 in.	13.8 in.
Transmission, AT	Allison 2500 std.	Allison 2200 RDS	Allison 2400/3060	Allison 5/6 speed
Transmission, MT	Eaton Fuller 6ODM	Eaton 6M	Mitsu. 6M/Eaton 9M	Nissan 6ODM std.
Front springs	Taperleaf	Taperleaf	Taperleaf	Multileaf
Rear springs	Multileaf	Multileaf	Multileaf	Multileaf
Wheels	22.5 x 7.5 in. 10-bolt	22.5x8.25 10-volt	22.5 x 7.5 in. 8-bolt	22.5 x 7.5 in. 8-bolt
Tires	245/75R22.5G	11R22.5G	11R22.5G	11R22.5G
Standard brakes	opposed-piston disc	air-hydraulic/air	air-hydraulic/air	air-hydraulic/air
Brakes, front, in.	15.0 disc	15.375 disc	15.7 x 4.7 drum	15.75 x 4.7
Brakes, rear, in.	15.0 disc	15.375 disc	15.7 x 6.1 drum	15.75 x 6.1
Frame, psi	80,000	80,000	51,200	42,600
Frame width, in.	34.0	34.0	33.1	33.9
Frame sec. mod.	12.53 cu. in.	12.9	13.7/16.9 cu. in.	13.3/17.85 cu. in.
Frame RBM	1,378,300	1,031,900	702,976/868,352	681,000/760,410
Battery, CCA	2 x 750	2 x 600	2 x 799	2 x 622
Seating	2 buckets	Driver & 2 pass.	2 buckets	2 buckets
Mirrors, in.	7 x 16	7 x 16	7 x 16	6.5 x 11 + 5.8x4.3
Base warranty	2 yr./unl. mi.	2 yr./unl. mi.	3 yr./unl. mi.	3 yr./unl. mi.
Engine warranty	3 yr./unl. mi.	2 yr./unl. mi.	5 yr./250,000 mi.	3 yr./unl. mi.
WB/CA/Turning diameter	128.0/97.0/37.6 140.0/109.0/40.5 152.0/121.0/43.5 170.0/139.0/46.9 188.0/157.0/51.2 200.0/169.0/54.0 212.0/181.0/55.5 224.0/193.0/58.3 236.0/205.0/61.1 248.0/217.0/64.0 260.0/229.0/65.9	175/107.6/47.9 187/119.6/50.8 205/137.6/55.2 217/149.6/58.1 235/167.6/62.5 253/185.6/66.9 271/203.6/71.3	144.9/109.6/46.0 181.9/146.7/56.4 200.0/164.8/61.4 218.5/183.3/66.3 239.4/204.1/72.2	150.4/118.3/42.6 171.3/139.0/48.6 187.0/154.7/52.6 202.8/170.5/56.8 218.5/186.4/61.2 253.9/221.8/70.0 156.3/124.2/44.4 177.2/145.1/50.4 192.9/160.8/54.4 208.7/176.5/58.4 238.2/206.1/65.6
WB/CE/OL	128.0/150.9/240.2 140.0/169.0/258.4 152.0/186.7/276.3 170.0/214.0/303.4 188.0/241.0/330.4 200.0/258.9/348.3 212.0/277.0/366.4 224.0/295.0/384.3 236.0/313.1/402.5 248.0/331.0/420.4 260.0/349.1/438.5	175/170.6/278.6 187/194.6/302.6 205/212.6/320.6 217/246.6/354.6 235/264.6/372.6 253/282.6/390.6 271/282.6/390.6	144.9/197.4/260.8 181.9/234.4/312.8 200.0/261.2/339.6 218.5/288.8/367.1 239.4/330.1/408.5	150.4/163.2/245.7 171.3/217.8/300.4 187.0/237.8/320.3 202.8/265.1/347.6 218.5/286.8/371.3 253.9/336.0/418.5 156.3/194.1/276.6 177.2/217.9/300.4 192.9/237.8/320.3 208.7/265.1/347.6 238.2/316.3/398.8
WB/Body lengths	128.0/10-14 140.0/10-16 152.0/12-18 170.0/14-20 188.0/16-22 200.0/18-24 212.0/18-26 224.0/20-28 236.0/22-30 248.0/22-32 260.0/24-34	175/14-16 187/16-18 205/18-20 217/20-22 235/22-24 253/24-26 271/24-26	144.9/14-16 181.9/16-18 200.0/20-22 218.5/24-26 239.4/26-28	150.4/14-16 171.3/16-18 187.0/18-20 202.8/20-22 218.5/24-26 253.9/28-30 156.3/14-16 177.2/16-18 192.9/18-20 208.7/20-22 238.2/24-26

Specifications	Isuzu F-Series	Hino 238/258/268/338	Mitsubishi Fuso FM260/330	Nissan UD 2600/3300
AH	10.8	11.2	11.8	8.7
AW	79.9	78.0	74.0/75.6	76.4
BA	54.0	40.6	50.0	50.4
BBC	86.0	108.0	79.4	82.5
CW	71.6	72.2	71.5	70.9
GVWR available, lb.	T6500: 24,350-29,000	238: 23,000	FM260: 25,995	UD 2600: 25,995
	FTR: 24,350-29,000	258LP: 25,950	FM3300: 32,900	UD 3300: 32,900
	T7500: 26,990-37,600	268: 25,950		
	FVR: 26,990-37,600	268A: 25,950		
	T8500: 33,000-40,090	338: 33,000		
	FXR: 33,000-49,090			
	T8500 Tandem: 52,350-56,000			
	FXR Tandem: 52,350-56,000			

Standard Equipment

	Isuzu F-Series	Hino 238/258/268/338	Mitsubishi Fuso FM260/330	Nissan UD 2600/3300
4-wheel disc brakes	■	■	NA	NA
Daytime running lamps	■	■	■	■
DEX-COOL®	■	NA	NA	NA
Lower pass. window	■	NA	NA	NA
Roadside assistance	■	NA	■ (towing only)	■ (towing only)
Auto circuit breakers	■	NA	NA	NA
Progressive spring aid	■	NA	NA	NA
Power pass. window	■	Opt.	■	■
Tilt/Telescopic steering	■	■	■	■
Synthetic trans. fluid	■			

Optional Equipment

	Isuzu F-Series	Hino 238/258/268/338	Mitsubishi Fuso FM260/330	Nissan UD 2600/3300
Rear air suspension	■	■	■ (FM260)	NA
Rear stabilizer bar	■	■	NA	NA
Two rear tow hooks	■	NA	NA	NA
Dual fuel tanks	■	■	NA	NA
Oil pan heater	■	NA	NA	NA
Engine shutdown	■	NA	■	NA
Mirrors w/clearance lamps	■	NA	NA	NA
AM/FM/CD	■	Std.	■	■
Engine block heater	■	■	■	■
Full air brakes	■	■	■ (FM330 only)	■ (3300 only)
Traction control	■	NA	NA	NA
Tandem rear axles	■	NA	NA	NA