

# HEAD TO HEAD.

## FORD F-650/F-750 VS. HINO 268A CONVENTIONAL



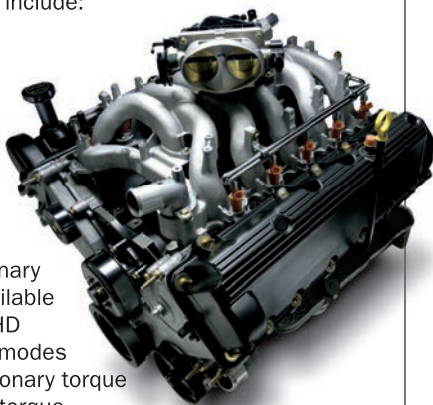
The 2017 F-650/F-750 has been designed and engineered to be one of the toughest, longest lasting and most driver-friendly trucks on the road. At Ford we know the level of commitment behind the design, and we understand that buying a truck is a business decision – there are choices to be made. To make that choice a little easier, we're comparing the F-650/F-750 head to head against some of the industry's leading Class 6/7 competitors.

## BUILT FORD TOUGH® POWER

Ford is the only Class 6/7 truck manufacturer<sup>1</sup> that offers the choice of either diesel or gasoline power to give you the best combination of cost-effective performance to suit your particular vocation. Some of the benefits include:

### 6.8L Triton V10 Gas Engine

- Impressive power at 320 HP and 460 lb.-ft. of torque
- An affordable alternative to diesel for low mileage operations
- PTO provision with stationary and mobile modes is available with the Ford TorqShift® HD 6-speed automatic. PTO modes deliver 250 lb.-ft. of stationary torque and 125 lb.-ft. of mobile torque
- CNG/Propane Gaseous Engine Prep Package available
- No diesel exhaust equipment required



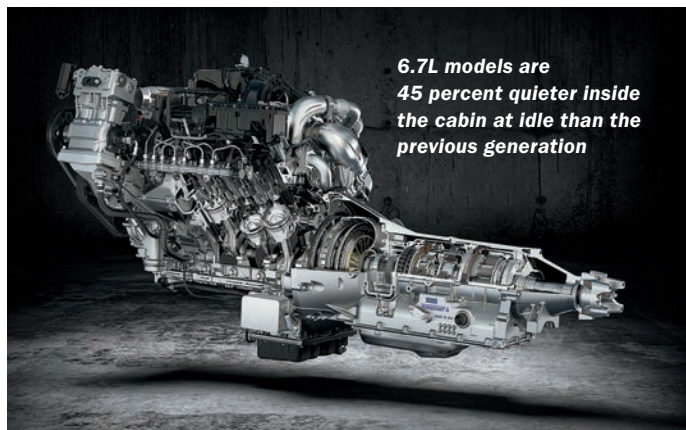
### 6.7L Power Stroke® V8 Turbo Diesel

- Excellent for higher mileage and high torque applications
- Outstanding long-term reliability with a B10 life of 500,000 miles<sup>2</sup>
- Best-in-class<sup>1</sup> standard diesel power ratings of 270 HP and 675 lb.-ft. of torque
- Optional power ratings of 300/330 HP and 700/725 lb.-ft. of torque, with no required transmission upgrades
- Available PTO provision with stationary and mobile modes on Ford TorqShift® HD 6-speed automatic delivers 300 lb.-ft. of stationary torque and 200 lb.-ft. mobile torque
- Diesel Powertrain Limited Warranty of 5 years/250,000 miles<sup>3</sup>

The Ford-designed TorqShift® HD 6-speed automatic transmission includes a 3-plate, 2-stage torque converter that's engineered to handle heavy power loads.

When teamed up with Power Stroke® Diesel or Triton V10 gas engine, the TorqShift® HD transmission completes the Ford-designed, integrated drivetrain for seamless performance with all chassis components and vehicle calibrations.

- The TorqShift® HD 6-speed automatic transmission delivers smooth, efficient performance courtesy of its multi-segment friction clutch design, which improves oil flow and reduces power loss while maximizing productivity.
- Ford TorqShift® HD provides more capability than the Allison RDS2200/2500 in both stationary and live-drive PTO capability. In order to match the Ford TorqShift® HD capability, Allison buyers would need to upgrade to the 3000 series.



6.7L models are 45 percent quieter inside the cabin at idle than the previous generation

## FORD MEDIUM DUTY TRUCKS ARE THE FASTEST GROWING VOLUME MEDIUM DUTY BRAND<sup>4</sup>



<sup>1</sup> Class is 6/7 Conventional Chassis Cabs based on Ford segmentation. <sup>2</sup> B10 design life based on the 330 HP output version and Ford engine dynamometer testing. <sup>3</sup> See your dealership for limited warranty details. <sup>4</sup> Based on IHS Markit TIP Registrations for GVW 4-7 vehicles with sales over 1,000 units for CYTD Dec. 2016 vs. CYTD Dec. 2015.

# FORD F-650/F-750 VS. HINO 268A CONVENTIONAL



## SUBJECT VEHICLE SPECIFICATIONS

	2017 FORD F-750	2017 HINO 268A
<b>Bumper to Back of Cab (BBC):</b>	114.4"	108"
<b>Engine:</b>	Ford Power Stroke® 6.7L V8 Diesel	Hino JO8E-WU 7.7L I6 Diesel
<b>Transmission:</b>	Ford TorqShift® HD 6-Speed	Allison 2200 RDS
<b>Front Axle:</b>	Dana E-1002I 10,000 lbs.	Meritor MFS10 10,000 lbs.
<b>Rear Axle:</b>	Dana 21060S 21,000 lbs.	Meritor RS19-145 19,000 lbs.
<b>Rear Suspension:</b>	Multi-leaf 21,000 lbs.	Hendrickson Air 19,000 lbs.
<b>Frame:</b>	.375" x 10.252" x 3.092"	.31" x 10.1" x 3.01"
<b>GVWR:</b>	25,999 lbs.	25,950 lbs.

## HINO BACKGROUND

Hino is a Toyota Group Company. Hino Trucks are manufactured domestically in Williamston, West Virginia. The Hino model line is grouped by vehicle GVWR and divided between cab-over and conventional models. Each Hino model carries a specific GVWR with most drivetrain options limited to those within that capacity. Conventional model GVWRs range from 23,000 lbs. to 33,000 lbs. Optional equipment can be rather limited compared to other manufacturers and includes equipment such as cab trim, mirrors, seats, bumpers, fuel tanks, axle ratios, electrical components, etc. Some models also offer an optional power rating.

## CAB

A long-lasting design starts with the cab. The F-650/F-750 cab has been designed and validated for tough medium duty applications. It is constructed of durable heavy duty steel and designed to be as easy on the driver as it is tough on the jobsite. The interior is comfortable, well-designed and familiar to anybody that operates other Ford trucks, so drivers can make the most productive use of their time behind the wheel.

### Available Cab Configurations

F-750	HINO 268A
<b>Day Cab, 4-Door SuperCab, 4-Door Crew Cab</b>	Day Cab, 30" Extended Cab (no rear-opening doors)

The F-650/F-750 Cab is well-trimmed with little exposed sheet metal and well-insulated to protect the driver from extreme temperatures and harsh noise from busy jobsites. The F-750 is quieter than the Hino both inside or outside the cab.

### Average Sound Levels Recorded at 750 RPM

F-750		HINO 268A	
Interior: 49.1 db	Exterior: 72.9 db	Interior: 57.5 db	Exterior: 75.7 db

## CAB ACCESS

Many applications often require drivers to be in and out of the cab all day long, so cab access, step spacing and grab handle placement are critical factors for a productive driver. F-650/F-750 grab handles are large and well-positioned to provide a proper 3-point entry. Larger cab steps are consistently spaced and positioned with a more comfortable stair-step offset as opposed to a more vertical ladder-type design.

Step Offset	F-750	HINO 268A
1st - 2nd Offset	5.75"	3.75"
2nd - Cab Offset	11.5"	8"

### Step Size

Step	F-750	HINO 268A
1st Step	214 sq. in.	204 sq. in.
2nd Step	346 sq. in.	204 sq. in.

### Door Opening

Door Opening	F-750	HINO 268A
Cab Latch to Door Edge	45.75"	41.75"

## WINDSHIELD

The F-650/F-750 features a large swept-back windshield with a greater slope, which may help reduce the risk of glass damage compared to a more vertical surface. The F-650/F-750 windshield has a 40° greater slope than the Hino. Ford wiper blade length is a standard 22" so replacements are easy to find. The Hino requires two different size wiper blades.

	F-750	HINO 268A
<b>Windshield Slope</b>	36°	76°
<b>Wiper Size(s)</b>	22"	Left-hand: 25.5" Right-hand: 22"

## CAB INTERIOR

When your day begins and ends in the cab, a well-equipped and comfortable interior is not just appreciated - it is critical to driver productivity. The F-650/F-750 cab interior is deep and spacious with ample room for drivers of all sizes. Fuel and brake pedals have been designed with proper spacing so the driver's footwell is large enough for bulky work boots.

	F-750	HINO 268A
<b>Cab Depth (Fuel pedal to back wall)</b>	55"	45.25"
<b>Maximum Leg Room (Function of seat travel and pedal position)</b>	29.7"	27.5"
<b>Belly Room</b>	18"	17.75"
<b>Pedal Spacing (Inside edges)</b>	3.5"	2.5"

## SERVICE AND SUPPORT

Whether your fleet consists of one hard-working vehicle or units spread across the region, Ford Commercial Dealers are committed to exceptional service and support. Our network of over 300 specially-trained medium duty dealers is dedicated to helping you keep your trucks on the road, which could help maximize your profitability.

### Nationwide Service Points

F-650/F-750	HINO 268A
<b>Over 300 Medium Duty Commercial Vehicle Centers</b>	Over 200 Points of Presence

## KEY AVAILABLE EQUIPMENT

	F-650 / F-750	HINO Conventional Models (Components model-dependent)
<b>Available GVWR</b>	22,000 lbs. - 37,000 lbs.	23,000 lbs. - 33,000 lbs. (All conventional models)
<b>Available Cabs</b>	Day Cab, 21" 4-Door SuperCab, 35" 4-Door Crew Cab	Day Cab, 30" Extended Cab (No rear-opening doors)
<b>Frames</b>	(7) Frames - Reinforcement Available	(3) Frames - Reinforcement Not Available
<b>Engines</b>	6.8L V10 Gas: 320 HP, 460 lb.-ft. 6.7L Power Stroke® V8 Diesel: 270, 300, 330 HP, 675, 700, 725 lb.-ft.	Hino JO8E-VB: 230 - 260 HP, 520 - 660 lb.-ft.
<b>Transmissions</b>	TorqShift® HD 6-speed	Allison 2000, 3000 Series
<b>Front Axles</b>	Dana Spicer: 8,500 - 14,000 lbs.	Meritor: 8,000 - 14,000 lbs.
<b>Rear Axles</b>	Dana Spicer: 13,500 - 26,000 lbs.	Meritor: 17,500 - 23,000 lbs.
<b>Interior and Seating</b>	(18) Cloth and vinyl seating configurations	(7) Cloth and vinyl seating configurations

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