

2018

# SUPER DUTY® F-650/F-750 DIESEL



F-750 Regular Cab. Oxford White. Available and aftermarket upfit equipment.

## Class 6-7 Conventional Chassis Cabs<sup>1</sup>



### STANDARD FEATURES

- 8-gal. DEF tank
- 50-gal. fuel tank capacity (Regular Cab)
- 65-gal. fuel tank capacity (SuperCab, Crew Cab)
- Air conditioning – Manual with integral heater and defroster
- Alternator – Extra-heavy-duty, 200-amp, 12-volt, brushless, pad-mounted
- Batteries – 750-amp (CCA), 12-volt, Motorcraft® (2 for a total of 1,500 CCA)
- Electronic stability control (Tractor)
- Engine – 6.7L Power Stroke® V8 Turbo Diesel
- Exhaust – Single, switchback-style, horizontal; frame-mounted right side under cab with outside of frame rail rear discharge

### STANDARD SAFETY & SECURITY

- Belt-Minder® front safety belt reminder
- Brakes – Air brake system; Meritor® Q-plus™ with Anti-Lock Brake System (ABS), 4-channel and hand control valve trailer brake (tractor)
- Brakes – Bosch® Hydro-Max® hydraulic brake system (not available on tractor)

### AVAILABLE FEATURES

- 55-gal. fuel tank placement single rectangular aluminum, frame-mounted on left side (Regular Cab; not available on Pro Loader®)
- 65-gal. fuel tank placement single rectangular aluminum, frame-mounted on left side (Regular Cab)
- 115-gal. fuel tank placement dual rectangular aluminum (65-gal. placement right-hand tank and 50-gal. fuel tank placement left-hand tank) (not available on Tractor)
- 65- and 70-mph speed limitations
- Air suspension (requires air brake or compressor)
- Alternator – 220-amp, 12-volt
- Alternator – 240-amp, 12-volt
- Alternator – Dual, heavy-duty, 357-amp, 12-volt
- Batteries – 900 CCA, 12-volt Motorcraft (2 for a total of 1,800 CCA)
- Batteries – 900 CCA, 12-volt Motorcraft (3 for a total of 2,700 CCA)
- Body-builder special wiring harness (straight frame)
- Body-builder wiring to end of frame (not available on tractor)
- Bumper – Front: 3" extension

- Frame-mounted body-builder wiring at back of cab (not available on tractor)
- Grille – Black-painted plastic (not available with frame extension)
- Lamps – Roof marker/clearance, amber lenses (5)
- Mirrors – Black, dual rectangular, manually adjustable/folding with integrated blind spot mirrors, sail-type, 96"-wide spacing
- Transmission – TorqShift® Heavy-Duty 6-speed automatic (without PTO provision)
- Wheel seals (front and rear axle), oil-lubricated wheel bearings (front and rear)

- Safety belts – Color-keyed with adjustable D-rings at all outboard positions (Regular Cab)
- Safety belts – Color-keyed with front-seat adjustable D-rings (SuperCab, Crew Cab)

- Bumper – Front: full-width, chrome-plated steel (included with Exterior Appearance Package)
- Bumper – Front: swept-back, Dark Shadow Gray-painted steel (requires bolt-on-type frame extension or integral front frame extension; straight frame)
- Electronic stability control
- Engine block heater – Phillips® 750-watt
- Engine idle shutdown timer (5-, 10-, 15- and 20-minute options)
- Exhaust – Switchback single, horizontal, frame-mounted outside right rail under cab with vertical exit
- Exhaust – Torpedo single, horizontal, frame-mounted right-side back of cab with underbody exit in front of axle
- Ford Telematics™ powered by Telogis®<sup>2</sup>
- Manual regeneration initiation (driver interface in message center)
- Seats – 30/70, 40/20/40, 30/0/30 and 30/0/0 front seat combinations
- SYNC® voice-activated, in-vehicle connectivity system (restrictions apply; includes USB port and steering wheel-mounted SYNC controls)
- Transmission – Mobile and stationary mode power takeoff (PTO) provision

## AVAILABLE PACKAGES<sup>3</sup>

Exterior Appearance Package (90E)

Interior Appearance Package (90A)

Power Equipment Package (90P)

## RATINGS & DIMENSIONS

RATINGS	F-650 Pro Loader Min.—Max.	F-650 Min.—Max.	F-650 Tractor Min.—Max.	F-750 Min.—Max.	F-750 Tractor Min.—Max.
Powertrain hp/torque (lb.-ft.)	270/675–330/725	270/675–330/725	270/675–330/725	270/675–330/725	270/675–330/725
GVWR (lbs.)	20,500–26,000	25,600–29,000	27,500–29,000	30,200–37,000	30,200–37,000
Front axle (lbs.)	8,500	8,500–10,000	10,000	10,000–14,000	10,000–14,000
Rear axle (lbs.)	13,500–17,500	17,500–19,000	17,500–19,000	21,000–26,000	21,000–26,000
Rear springs (lbs.)	15,500–19,000	19,000–21,000	19,000–21,000	21,000–31,000	21,000–31,000
Rear air suspension (lbs.)	12,000–19,000	19,000–21,000	19,000–21,000	21,000–23,000	21,000–23,000
<b>DIMENSIONS (in.)</b>					
Wheelbase/cab-to-axle					
Regular Cab	158/84–242/168	158/84–260/186	146/72–158/84	158/84–281/207	146/72–158/84
SuperCab	179/84–239/144	179/84–263/168	167/72–179/84	179/84–281/186	167/72–179/84
Crew Cab	194/84–254/144	182/72–278/168	182/72	182/72–266/156	182/72

Ratings and dimensions shown may vary due to optional features and/or production variability.

## FRAMES

MODEL	Frame Order Code						
	533	534	535	536	537	538	539
F-650 Pro Loader	—	—	—	—	●	—	—
F-650	○	●	○	○	—	—	—
F-650 Tractor	—	—	—	●	—	—	—
F-750	—	—	●	○	—	○	○
F-750 Tractor	—	—	○	●	—	—	—
Depth (in.)	9.125	10.125	10.250	10.125	9.125	10.250	10.375
Width (in.)	3.062	3.062	3.092	3.580	3.062	3.610	3.705
Thickness (in.)	0.312	0.312	0.375	0.312	0.312	0.375	0.438
Yield (psi)	80,000	50,000	80,000	120,000	80,000	120,000	120,000
Max. Section Modulus (cu. in.)	10.75	12.64	15.14	14.18	10.75	16.98	20.11
Max. Resisting Bending Moment (in.-lbs.)	860,000	632,000	1,211,200	1,701,600	860,000	2,037,600	2,413,200

● Standard ○ Optional — Not Available

## EXTERIOR COLORS



## INTERIOR COLOR

