

NEW 2021 SUPER DUTY® F-650/F-750 DIESEL

Class 6-7 Conventional Chassis Cabs and Tractors¹

Production starts January 2020.



F-750 SuperCab, Oxford White. Available and aftermarket upfit equipment. Available early 2020. Preproduction model shown.



STANDARD FEATURES

- 8.0-gal. DEF tank
- 50.0-gal. fuel tank capacity (Regular Cab)
- 65.0-gal. fuel tank capacity (SuperCab, Crew Cab)
- Alternator – Extra-heavy-duty, 200-amp, 12V, brushless, pad-mounted
- Audio – Bluetooth® capable AM/FM stereo with auxiliary USB port
- Autolamp Automatic On/Off Headlamps
- Batteries – 750-CCA, 12V, Motorcraft® (2 for a total of 1,500-CCA)
- Belt-Minder® front safety belt reminder
- Brakes – Air brake with traction control and electronic stability control (ESC) (Tractor)
- Brakes – Air brake system; Meritor® Q-plus™ with Anti-Lock Brake System (ABS), 4-channel and hand control valve trailer brake with traction control (Tractor)
- Brakes – Bosch® Hydro-Max® hydraulic brake system with traction control (not available on 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
- Fleet telematics modem
- 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)
- Manual regeneration initiation (driver interface in message center)
- Mirrors – Black, dual rectangular, manually adjustable/folding with integrated blind spot mirrors, sail-type, 96"-wide spacing
- 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)
- Transmission – TorqShift® Heavy-Duty 6-speed automatic with Neutral Idle and Hill Start Assist (without PTO provision)
- Wheel seals (front and rear axle), oil-lubricated wheel bearings (front and rear)

AVAILABLE FEATURES

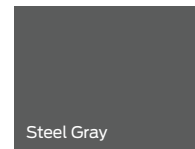
- 55.0-gal. fuel tank single rectangular aluminum, frame-mounted on left side (Regular Cab; not available on Pro Loader®)
- 65.0-gal. fuel tank single rectangular aluminum, frame-mounted on left side (Regular Cab)
- 115.0-gal. fuel tank dual rectangular aluminum (65.0-gal. left-hand tank and 50.0-gal. fuel tank right-hand tank) (not available on Tractor)
- 65- and 70-mph speed limitations
- Active exhaust filter regeneration control
- Air suspension (requires air brake or compressor)
- Alternator – 240-amp, 12V
- Alternator – Dual, heavy-duty, 357-amp, 12V
- Automatic Emergency Braking (AEB)
- Batteries – 900-CCA, 12V Motorcraft (2 for a total of 1,800-CCA or 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)
- Brakes – Air brake electronic stability control (ESC)
- Brakes – Hydraulic brake electronic stability control (ESC)

- Bumper – Front: 3" extension
- 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)
- Engine block heater – Phillips® 750W
- 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
- Hood-mounted auxiliary spot mirrors
- Seats – 30/70, 40/20/40, 30/0/30 and 30/0/0 front seat combinations
- SecuriLock® Passive Anti-Theft System
- Transmission – Mobile and stationary mode power takeoff (PTO) provision

EXTERIOR COLORS



INTERIOR COLOR



*Metallic.

AVAILABLE PACKAGES²

Air Brake Driver-Assist Technology Package with Bendix® Wingman Advanced (87A)
 Beverage Delivery Package (19B)
 Exterior Appearance Package (90E)

Fire/Rescue Prep Package (19F)
 Interior Appearance Package (90A)
 Power Equipment Package (90P)

FRAMES³

MODEL	Frame Order Code							
	533	534	535	536	537	538	539	41R
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	10.813
Width (in.)	3.062	3.062	3.092	3.580	3.062	3.610	3.705	3.892
Thickness (in.)	0.312	0.312	0.375	0.312	0.312	0.375	0.438	0.312
Yield (psi)	80,000	50,000	80,000	120,000	80,000	120,000	120,000	120,000
Max. Section Modulus (cu. in.)	10.75	12.64	15.14	14.18	10.75	16.98	20.11	29.84
Max. Resisting Bending Moment (in.-lbs.)	860,000	632,000	1,211,200	1,701,600	860,000	2,037,600	2,413,200	3,580,800

● Standard ○ Optional — Not Available

RATINGS & DIMENSIONS³

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.)	22,000–26,000	26,000–29,000	27,500–29,000	31,000–37,000	31,000–37,000
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
DIMENSIONS (in.)					
Wheelbase/cab-to-axle					
Regular Cab	158/84–242/168	158/84–281/207	146/72–158/84	158/84–281/207	146/72–158/84
SuperCab	179/84–239/144	179/84–281/207	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.