

2019 FORD SUPER DUTY

TECHNICAL SPECIFICATIONS



BODY

Construction/materials	High-strength fully boxed steel frame, aluminum bed and cab
Body style	Body on frame
Trim levels	XL, XLT, Lariat, King Ranch, Platinum, Limited
Final assembly location	Kansas City Assembly Plant, Kentucky Truck Plant

DRIVETRAIN

Layout standard	Front engine rear drive
Layout optional	Front engine, 4x4

ENGINES

	6.2 liter V8	6.7 liter Power Stroke V8
Configuration	90-degree V8, single overhead cams	90-degree V8 diesel, single turbocharger, in-block cam and overhead valves
Block/head material	Cast iron block, aluminum heads	Compacted graphite iron block, aluminum heads
Displacement	6.2 liters (379 cubic inches)	6.7 liters (406 cubic inches)
Bore X stroke	4.02 inches x 3.74 inches	3.9 inches x 4.25 inches
Compression ratio	9.8:1	16.2:1
Valvetrain	Two valves per cylinder, roller rocker shaft	Pushrod and rocker arms, 4 valves per cylinder
Recommended fuel	87 octane/E85	Ultra-low sulphur diesel/B20
Fuel delivery	Sequential multi-port electronic	High-pressure common rail
Engine control system	Electronic	Electronic
Intake manifold	Naturally aspirated, tuned intake	Single turbocharger, charged air cooler
SAE horsepower	385 hp @5,750 rpm	450 hp @2,800 rpm
SAE torque	430 lb-ft @3,800 rpm	935 lb-ft @1,800 rpm

ELECTRICAL

Alternator	157-amp standard on XL, XLT
	220-amp standard on Lariat, King Ranch, Platinum (optional on XL,XLT)
	Dual combined 322-amp, optional on 6.7-liter
	Dual combined 377-amp, optional on 6.7-liter
Battery group, CCA	6.2-liter: 12-volt; 650-CCA/72-amp-hr
	6.7-liter: Dual 12-volt; 750-cca/78-amp-hr

STANDARD AND AVAILABLE TECHNOLOGY

AdvanceTrac® with Roll Stability Control® and trailer sway control, trailer tire pressure monitoring system, Trailer Reverse Guidance, up to seven cameras with four high-definition 180/360-degree cameras, Blind Spot Information System (BLIS®) with cross-traffic alert and trailer tow coverage, FordPass Connect™, SYNC® 3, 4G LTE Wi-Fi hotspot for up to 10 devices, upfitter interface module (fleet only), Boxlink™ and LED box lighting, remote tailgate release, adaptive cruise control, forward collision warning with brake support, adaptive steering, lane departure warning, trailer-mounted backup camera (customer placed)

WARRANTY

Bumper-to-bumper	3 year/36,000 miles
Powertrain	5 year/60,000 miles. Diesel: 5 years/100,000 miles
Corrosion (perforation only)	5 years/unlimited miles
Roadside assistance	5 years/60,000 miles

TRANSMISSIONS

TorqShift® Heavy-Duty 6-speed Automatic Transmission with SelectShift® (F-250 Diesel, F-350, F-450)		
Configuration	Aluminum 6-speed, Live-drive access on driver side	
Gear Ratios	First	3.97:1
	Second	2.31:1
	Third	1.51:1
	Fourth	1.14:1
	Fifth	0.85:1
	Sixth	0.67:1
	Reverse	3.12:1

TorqShift® Heavy-Duty 6-speed Automatic Transmission with SelectShift™ (F-250 gas only)		
Configuration	Aluminum 6-speed	
Gear Ratios	First	4.17:1
	Second	2.34:1
	Third	1.52:1
	Fourth	1.14:1
	Fifth	0.87:1
	Sixth	0.69:1
	Reverse	3.40:1

SUSPENSION

Front configuration	Independent twin I-Beam (narrow front track) with coil springs, shock absorbers, stabilizer bar (F-250/F-350 4x2) Mono beam (narrow front track) with coil springs, shock absorbers, stabilizer bar (F-250/F-350 4x4) Mono beam (wide front track) with coil springs, shock absorbers, stabilizer bar (F-450)
Front shock absorber type	Heavy-duty gas
Rear configuration	Solid axle, leaf springs
Rear shock absorber type	Heavy-duty gas

STEERING

Type	Power Hydraulic
Active features	Adaptive steering (available)

BRAKES

Type	4-wheel vented disc with ABS
Front (rotor diameter)	14.29 inches (363 mm) (F-250/F-350)
	15.39 inches (391 mm) (F-450)
Rear (rotor diameter)	14.29 inches (363 mm) (F-250/F-350)
	15.75 inches (400 mm) (F-450)

FUEL CAPACITY

	Regular Cab	Super Cab	Crew Cab
6.2L Gas	34 gallons	34 gallons	48 gallons
6.7L Diesel	29 gallons (142" WB)	29 gallons (148" WB), 34 gallons (164" WB)	34 gallons (160" WB), 48 gallons (176" WB)

WHEELS

Available sizes	17 inches, 18 inches or 20 inches (F-250/F-350) 17 inches DRW (F-350) 19.5 inches DRW (F-450)
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EXTERIOR DIMENSIONS (INCHES UNLESS OTHERWISE NOTED)

	Regular Cab	Super Cab		Crew Cab	
		SWB	LWB	SWB	LWB
	4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4
Wheelbase	141.6	148	164.2	159.8	176
Length - overall	231.8	238.2	254.4	250	266.2
Height - F-250 SRW (w/o options)	77.9/81.1	78.4/81.5	78.1/81.4	78.3/81.5	78.0/81.3
Height - F-350 SRW (w/o options)	77.8/80.9	78.2/81.3	78.0/81.2	78.2/81.3	78.0/81.1
Height - F-350 DRW (w/o options)	78.1/80.6	—	77.8/80.9	—	77.9/81.0
Height - F-450 DRW (w/o options)	81.7	—	—	—	81.5
Width - SRW without mirrors	80	80	96	80	96
Width - with standard mirrors	105.9	105.9	105.9	105.9	105.9
Track - front - F-250 SRW	68.3	68.3	68.3	68.3	68.3
Track - front - F-350 SRW	68.3	68.3	68.3	68.3	68.3
Track - front - F-350 DRW	69.1	69.1	69.1	69.1	69.1
Track - front - F-450 DRW	74.8	—	—	—	74.8
Track - rear - F-250 SRW	67.2	67.2	67.2	67.2	67.2
Track - rear - F-350 SRW	67.2	67.2	67.2	67.2	67.2
Track - rear - F-350 DRW	74.7	—	74.7	—	74.7
Track - rear - F-450 DRW	74.7	—	—	—	74.7
Minimum running ground clearance - F-250 SRW	8.5/8.3	8.5/8.2	8.5/8.2	8.5/8.2	8.5/8.2
Minimum running ground clearance - F-350 SRW	8.5/8.2	8.5/8.2	8.5/8.2	8.5/8.2	8.5/8.2
Minimum running ground clearance - F-350 DRW	7.8/7.7	—	7.8/7.8	—	7.8/7.8
Minimum running ground clearance - F-450 DRW	8.6	—	—	—	8.6
Overhang - front	38.2	38.2	38.2	38.2	38.2
Overhang - rear	52.0	52.0	52.0	52.0	52.0
Angle of departure - F-250 SRW	19.8°/22.7°	19.3°/22.3°	19.0°/22.1°	19.0°/22.1°	18.4°/21.8°
Angle of departure - F-350 SRW	18.7°/21.8°	18.4°/21.4°	18.0°/21.2°	17.9°/21.2°	17.6°/20.9°
Angle of departure - F-350 DRW	19.5°/20.9°	—	17.4°/20.5°	—	17.2°/20.1°
Angle of departure - F-450 DRW	21.5°	—	—	—	21°/20.9°
Ramp breakover angle - F-250 SRW	20.2°/25.4°	19.3°/24.2°	17.8°/22.5°	18.0°/22.6°	16.9°/21.1°
Ramp breakover angle - F-350 SRW	20.0°/25.1°	19.0°/23.9°	17.7°/22.3°	17.8°/22.4°	16.7°/20.9°
Ramp breakover angle - F-350 DRW	20.6°/24.6°	—	17.4°/21.8°	—	16.7°/20.8°
Ramp breakover angle - F-450 DRW	25.3°	—	—	—	20.2°
Angle of approach - F-250 SRW	17.2°/18.1°	17.6°/17.9°	17.8°/18.7°	17.4°/17.9°	18.1°/18.4°
Angle of approach - F-350 SRW	17.5°/17.8°	17.3°/17.7°	18.0°/18.4°	17.6°/17.5°	17.9°/18.1°
Angle of approach - F-350 DRW	17.6°/18.1°	—	18.3°/18.4°	—	18.5°/19.1°
Angle of approach - F-450 DRW	19°/19.1°	—	—	—	19.4°/19.5°
Open tailgate to Ground - F-250 SRW	36.1/38.7	35.6/38.3	35.3/38.1	35.3/38.1	34.8/37.9
Open tailgate to Ground - F-350 SRW	35.7/38.5	35.4/38.1	35.0/37.9	35.0/38.0	34.6/37.6
Open tailgate to Ground - F-350 DRW	36.5/37.6	—	34.4/37.2	—	34.3/36.9
Open tailgate to Ground - F-450 DRW	38.2°/38.1°	—	—	—	37.6/37.4

FORD SUPER DUTY



BASE CURB WEIGHTS

	Regular Cab	Super Cab		Crew Cab	
		SWB	LWB	SWB	LWB
F-250 SRW, 6.2L	5,683/6,106	5,932/6,372	6,027/6,441	6,052/6,478	6,291/6,695
F-250 SRW, 6.7L	6,489/6,885	6,747/7,156	6,818/7,237	6,851/7,264	7,104/7,494
F-350 SRW (17" Wheels), 6.2L	5,909/6,335	6,121/6,543	6,241/6,652	6,279/6,693	6,516/6,926
F-350 SRW (17" Wheels), 6.7L	6,653/7,070	6,852/7,268	6,989/7,395	7,033/7,437	7,260/7,677
F-350 SRW (18" Wheels A/S), 6.2L	5,967/6,392	6,179/6,600	6,298/6,709	6,336/6,750	6,573/6,984
F-350 SRW (18" Wheels A/S), 6.7L	6,710/7,127	6,909/7,236	7,047/7,452	7,090/7,494	7,317/7,734
F-350 DRW, 6.2L	6,306/6,765	—	6,729/7,147	—	6,973/7,379
F-350 DRW, 6.7L	7,077/7,487	—	7,463/7,865	—	7,694/8,097
F-350 DRW (PU Box Delete), 6.7L	6,660/7,070	—	7,046/7,448	—	7,277/7,680
F-450 DRW, 6.7L	7,730/8,280	—	—	—	8,030/8,600

INTERIOR DIMENSIONS (INCHES UNLESS OTHERWISE NOTED)

	Regular Cab	Super Cab	Crew Cab
Seating	3	6	6
Front headroom	40.8	40.8	40.8
Front leg room SAE	43.9	43.9	43.9
Front shoulder room	66.7	66.7	66.7
Front hip room	62.5	62.5	62.5
Rear head room	N/A	40.3	40.4
Rear leg room SAE	N/A	33.5	43.6
Rear shoulder room	N/A	65.8	65.9
Rear hip room	N/A	64.7	64.7

CAPACITIES

	Regular Cab	Super Cab		Crew Cab	
	8' cargo box	6 ¾' cargo box	8' cargo box	6 ¾' cargo box	8' cargo box
Volume (cu. ft.)	78.5 inches	65.4 inches	78.5 inches	65.4 inches	78.5 inches
Length at floor	98.1 inches	81.9 inches	98.1 inches	81.9 inches	98.1 inches
Height	21.1 inches	21.1 inches	21.1 inches	21.1 inches	21.1 inches
Width at floor (maximum)	66.9 inches	66.9 inches	66.9 inches	66.9 inches	66.9 inches
Width between wheelhouse	50.5 inches	50.5 inches	50.5 inches	50.5 inches	50.5 inches
Tailgate width	60.5 inches				
Max payload (lbs.)	7,640				
Max towing (conventional)	21,000 lbs				
Max towing (gooseneck)	35,000 lbs				
Max towing (fifth wheel)	27,500 lbs				



MAXIMUM PAYLOAD (LBS.)

	GVWR (lbs)	Regular Cab	Super Cab		Crew Cab	
		141.5" WB	147.9" WB	164.1" WB	159.7" WB	175.9" WB
F-250 SRW 4x2	9,900	4,170	3,890	3,780	3,790	3,560
	10,000	4,270	3,990	3,880	3,890	3,660
F-250 SRW 4x4	9,900	3,740	3,470	3,380	3,380	3,130
	10,000	3,840	3,570	3,480	3,480	3,230
F-350 SRW 4x2	9,900	3,980	3,720	3,610	3,560	3,330
	10,000	4,080	3,820	3,710	3,660	3,430
	10,100	–	–	–	3,760	–
	10,300	–	–	4,010	–	–
	10,400	4,420	–	–	–	–
	10,500	–	4,260	–	–	3,930
	10,600	3,940	–	–	4,200	–
	10,800	–	3,910	4,450	–	–
	10,900	–	–	–	3,820	4,280
	11,000	–	–	3,980	–	–
	11,100	4,380	–	–	–	3,780
	11,200	–	4,250	–	–	–
	11,300	–	–	–	4,170	–
	11,400	–	–	4,320	–	4,030
	11,500	–	–	4,420	–	4,130
F-350 SRW 4x4	9,900	3,560	3,300	3,190	3,150	2,910
	10,000	3,660	3,400	3,290	3,250	3,010
	10,300	3,960	–	–	–	–
	10,400	–	3,800	–	–	–
	10,500	–	–	–	3,750	–
	10,700	–	–	3,990	–	–
	10,800	4,400	4,140	–	–	3,810
	10,900	–	–	–	4,090	–
	11,000	3,920	–	–	–	–
	11,100	–	3,790	–	–	–
	11,200	–	–	4,430	3,710	–
	11,300	4,890	4,640	3,860	4,480	4,250
11,400	4,260	4,030	4,630	3,850	4,350	
11,500	4,360	4,230	4,730	3,950	4,450	
F-350 DRW 4x2	14,000	7,640	–	7,200	–	6,970
F-350 DRW 4x4	14,000	7,230	–	6,780	–	6,550
F-450 DRW 4x2	14,000	6,190	–	–	–	5,880
F-450 DRW 4x4	14,000	5,360	–	–	–	5,310
Max	14,000	7,640	4,640	7,200	4,480	6,970

FORD SUPER DUTY



CONVENTIONAL TOWING - MAXIMUM LOADED TRAILER WEIGHT RATINGS (LBS.)

Engine	Rear Axle	Axle Ratio	MAX GCWR (lbs.)	Regular Cab					
				F-250 4x2	F-250 4x4	F-350 4x2	F-350 4x4	F-450 4x2	F-450 4x4
6.2 L Gas V8	SRW	3.73	19,500	13,300	12,900	13,100	12,700	–	–
	SRW	4.3	28,700	14,000	15,000	14,000	15,000	–	–
	DRW	3.73	20,000	–	–	13,200	12,800	–	–
	DRW	4.3	23,500	–	–	16,700	16,300	–	–
6.7L Power Stroke Turbo Diesel V8	SRW	3.31	28,700	15,000	15,000	15,000	15,000	–	–
	SRW	3.55	28,700	15,000	15,000	15,000	15,000	–	–
	DRW	3.55	36,000	–	–	21,000	20,000	–	–
	DRW	4.1	40,000	–	–	21,000	20,000	–	–
	DRW	4.3	43,300	–	–	–	–	21,000	21,000

CONVENTIONAL TOWING CONTINUED - MAXIMUM LOADED TRAILER WEIGHT RATINGS (LBS.)

Engine	Super Cab				Crew Cab					
	F-250 4x2	F-250 4x4	F-350 4x2	F-350 4x4	F-250 4x2	F-250 4x4	F-350 4x2	F-350 4x4	F-450 4x2	F-450 4x4
6.2 L Gas V8	13,000	12,600	12,900	12,400	12,900	12,500	12,700	12,300	–	–
	14,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	–	–
	–	–	12,700	12,300	–	–	12,500	12,100	–	–
	–	–	16,200	15,800	–	–	16,000	15,600	–	–
6.7L Power Stroke Turbo Diesel V8	15,000	15,000	15,000	15,000	18,000	17,500	18,000	18,000	–	–
	15,000	15,000	15,000	15,000	18,000	17,500	18,000	18,000	–	–
	–	–	21,000	21,000	–	–	21,000	21,000	–	–
	–	–	21,000	21,000	–	–	21,000	21,000	–	–
	–	–	–	–	–	–	–	–	21,000	21,000

5TH WHEEL/GOOSENECK TOWING - MAXIMUM LOADED TRAILER WEIGHT RATINGS (LBS.)*

Engine	Rear Axle	Axle Ratio	MAX GCWR (lbs.)	Regular Cab					
				F-250 4x2	F-250 4x4	F-350 4x2	F-350 4x4	F-450 4x2	F-450 4x4
6.2 L Gas V8	SRW	3.73	19,500	13,300	12,800	13,100	12,700	–	–
	SRW	4.3	28,700	15,800	15,300	16,600	16,200	–	–
	DRW	3.73	20,000	–	–	13,100	12,700	–	–
	DRW	4.3	23,500	–	–	16,700	16,200	–	–
6.7L Power Stroke Turbo Diesel V8	SRW	3.31	28,700	18,500	16,500	21,500	21,100	–	–
	SRW	3.55	28,700	18,500	16,500	21,500	21,100	–	–
	DRW	3.55	36,000	–	–	28,400	27,900	–	–
	DRW	4.1	40,000	–	–	32,000	31,900	–	–
	DRW	4.3	43,300	–	–	–	–	35,000	34,700

5TH WHEEL/GOOSENECK TOWING CONTINUED - MAXIMUM LOADED TRAILER WEIGHT RATINGS (LBS.)*

Engine	Super Cab				Crew Cab					
	F-250 4x2	F-250 4x4	F-350 4x2	F-350 4x4	F-250 4x2	F-250 4x4	F-350 4x2	F-350 4x4	F-450 4x2	F-450 4x4
6.2 L Gas V8	13,000	12,600	12,900	12,400	12,900	12,500	12,700	12,200	–	–
	15,500	15,100	16,300	15,900	15,400	15,000	16,200	15,700	–	–
	–	–	12,700	12,300	–	–	12,500	12,100	–	–
	–	–	16,200	15,800	–	–	16,000	15,600	–	–
6.7L Power Stroke Turbo Diesel V8	17,300	15,400	21,300	20,900	16,800	14,700	21,100	20,700	–	–
	17,300	15,400	21,300	20,900	16,800	14,700	21,100	20,700	–	–
	–	–	28,000	27,600	–	–	27,800	27,300	–	–
	–	–	32,000	31,600	–	–	31,800	31,300	–	–
	–	–	–	–	–	–	–	–	34,000	32,500

*5th wheel hitch rated to a maximum of 27,500 lbs. Payload and towing numbers are for a base XL model only. Numbers will vary based on trim and options selected. For editorial use only. Information correct at time of publication. Check media.ford.com for updates.