2009 F-650 / F-750 Technical Specifications

Powertrain/Chassis	Cummins 6.7L ISB	
Engine Type	I-6, iron block and heads	
Bore/Stroke	4.21 x 4.88 in	
Displacement	409 cu in, 6702 cc	
Compression Ratio	17.3:1	
Fuel Injection	Electronically controlled distributor pump, direct injection	
Valvetrain	OHV, 4 valves per cylinder	
Power Ratings	200, 220, 240, 260, 280, 300, 325 hp	
Torque Ratings	520, 560, 620, 660, 750 lb.-ft.	
Manual Transmission	Eaton FS-5205A 5-speed manual	Eaton FS-5406A 6-speed manual
	Eaton FS-6406A 6-speed manual	Eaton FSO-6406A 6-speed manual
	Eaton FSO-8406A 6-speed manual	TTC (Spicer) ES56-7B 7-speed manual
	TTC (Spicer) ESO66-7B 7-speed manual	FO-5406B-DM3 6-speed ultrashift manual
	FO-6406B-DM3 6-speed ultrashift manual	
Automatic Transmission	Allison 2200 5-speed automatic	Allison 2500 5-speed automatic
	Allison 3000 5-speed automatic	Allison 3000 6-speed automatic
	Allison 3200 5-speed automatic	Allison 3200 6-speed automatic
	Allison 3500 5-speed automatic	Allison 3500 6-speed automatic
Available axle ratios	Single speed: 2.64 through 7.17; Two speed: 3.55/4.83 through 7.19/9.77	
SUSPENSION		
Front	Beam axle, parabolic taper leaf springs 8,500/10,000/12,000/13,200/14,000 lb ratings	
Rear	Multi-leaf live axle, variable-rate leaf springs 13,500/15,500/17,500/19,000/21,000/23,000 lb ratings	
Air Suspension	Live axle, air suspension double-acting shock absorbers 12,000/15,500/18,500/20,000/23,000 lb ratings	
STEERING		
Type	Power re-circulating ball	
BRAKES		
Front	Hydraulic disc, standard ABS, optional drum air brakes	
Rear	Hydraulic disc, standard ABS, optional drum air brakes	
WHEELS AND TIRES		
Base wheel and tire	19.5 x 6.5 8-lug steel wheel, 245/70 19.5G tire (available with hydraulic brake only)	
Largest wheel available	22.5 x 8.25 10-lug steel wheel (available with hydraulic and air brakes)	

DIMENSIONS AND CAPACITIES			
	Regular Cab	Super Cab	Crew Cab
EXTERIOR			
Wheelbase/back-of-cab-to-axle	134/60, 146/72, 158/84, 176/102, 182/108, 194/120, 200/126, 212/138, 218/144, 224/150, 230/156, 242/168, 260/186, 281/207	155/60, 167/72, 179/84, 197/102, 203/108, 215/120, 221/126, 233/138, 239/144, 245/150, 251/156, 263/168, 281/186	170/60, 182/72, 194/84, 212/102, 218/108, 230/120, 236/126, 248/138, 254/144, 260/150, 266/156, 278/168

INTERIOR			
Seating Capacity	2/3	5/6	5/6
Headroom			
Front	41.3	41.5	41.5
Rear	-	38.5	41.0
Leg Room			
Front	41.3	41.2	41.2
Rear	-	31.9	42.8
Hip Room			
Front	67.4	67.4	67.4
Rear	-	67.3	67.3
Shoulder Room			
Front	68.0	68.0	68.0
Rear	-	68.0	66.9
Fuel Capacity	45 gal tank standard, 25, 50, 65, 80 gal tanks optional; dual tanks provide up to 160 gal capacity		
WEIGHTS (pounds)			
GVWRs available	20,000 thru 37,000		

All dimensions are in inches unless noted.