

MEDIUM DUTY COMPETITIVE COMPARISON

Isuzu Trucks go head-to-head with the competition:



NQR Advantages Over Ford F-550



Ford F-550:

- F-550 competes against NQR
- 4 wheelbase choices on F-550 regular cab with 120 inch maximum CA
- 17,950 lb. GVWR standard on F-550; 19,500 lb. GVWR option
- 6.8L V-10 gas standard
- 6.4L diesel engine available
- Available with regular cab, extended cab or crew cab
- New Ford Work Solutions connectivity features
- 4WD available
- No tilt cab -- difficult engine accessibility



NQR Advantages:

- Overall length of comparable CA trucks is 50 inches shorter, requiring less parking space for fleets
- Maximum effective CA of 177.5 in vs. 120 in. CA for F-Series. N-Series can accommodate bodies to 22 ft. in length vs a maximum 16 ft. on F-Series
- Built from the ground up as a commercial vehicle for a long life (F-550 is derived from a pickup)
- Reverse Elliot I-Beam front axle and taperleaf springs on NQR are rugged and low maintenance with excellent service history. Ford uses coil springs on a tubular beam, with leading links and a lateral link for axle location.
- Conventional cab Ford weights much more than shorter cab over Isuzu. Comparable CA diesel models show Isuzu is more than 2000 lb. lighter than Ford. Extra truck weight costs operators extra fuel for every mile traveled. 17,950 lb.
- GVWR Isuzu has higher payload than 19,500 lb. GVWR Ford
- Tilt cab allows easy engine access (limited engine access on F-550 Super Duty with very high reach-over to engine area)
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle ratio (33.5 ft./109.0 in. WB vs. 48.6 ft./165.0 in. WB) dramatically improves maneuverability
- Wider door opening for easy entry and exit (85 degree vs. 60 degree)
- Durable tricote breathable woven seat material is comfortable and long lasting (solid vinyl standard on F-550 Super Duty)
- Standard tilt and telescopic steering column contributes to driver comfort (optional tilt steering wheel on F-550)
- Grab handle to assist entry and exit contributes to safety on the job (not available on F-Series)
- 6-speed automatic vs. 5-speed helps improve performance and efficiency
- Standard fold-down center seat includes convenient work area on NPR; base seat on F-550 is non-folding bench
- Higher frame yield strength contributes to durability (44,000 psi vs. 36,000 psi)
- Standard diesel exhaust brake contributes to brake life and braking

- performance. Not available on F-550
- Greater visibility with larger windshield, larger side windows, larger side mirrors and lower dash to improve vision. Front sight line of 8.6 ft. for NPR vs. 23.8 ft. for F-550
 - Wide, self-cleaning step on NQR vs. optional cab steps on F-550
 - Standard daytime running lamps vs. optional
 - Battery box on frame rails of NQR helps extend battery life by removing batteries from hot under-hood area
 - 50-state clean idle certification on Isuzu vs. timed idle shut-down after 5 minutes on F-550
 - Easier serviceability with in-cab fluid checks vs. Ford's under-hood fluid-checks
 - Available limited slip differential provides low-traction solution that's less expensive than Ford's
 - 4WD and better performing than Ford's optional traction control
 - Available Vehicle Health Reports allows Isuzu fleet to monitor drivers and vehicle service needs. Not available on Ford
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SPECIFICATIONS		
	Isuzu NQR	Ford F-550 Super Duty
GVWR	17,950 lb.	17,950/19,500
Engine type (gas)	SOHC I-4	OHV V8 (SOHC V10)
Displacement (gas)	5.2L	6.4L (6.8L)
HP, gas	NA	362 @ 4750
Torque, gas	NA	457 @ 3250
HP, diesel (MT)	175 @ 2400	325 @ 3000
HP, diesel (AT)	205 @ 2400	325 @ 3000
Torque, diesel (MT)	387 @ 1850	600 @ 2000
Torque, diesel (AT)	441 @ 1850	600 @ 2000
Clutch, in.	12.8	13.0 (11.9 gas)
Transmission, gas	NA	5ODA Ford/6ODM
Transmission, diesel	6ODA Aisin	5ODA Ford/6ODM
Alternator, amp (gas)	110	200 (115)
Steering	18.8-20.9:1 power	17:1 power
Front axle, lb.	6,830	7,000
Front springs, lb.	8,440 taperleaf	4,800-6,500 coil
Rear axle, lb.	14,550	13,660-15,000
Rear springs, lb.	14,550 multileaf	13,660-15,000 multileaf
Wheels	19.5 x 6 in. 6-bolt	19.5 x 6 in. 10-bolt
Tires	225/70R-19.5F	225/70R19.5G
Brakes, front	14.3 in. disc	14.53 in. disc
Brakes, rear	12.6 x 4.72 in. drum	15.35 in. disc
Frame, psi	44,000	36,000
Frame width, in	33.5	34
Frame section modulus	7.20 cu. in.	10.1/17.2
Frame RBM	316,800	363,600
Battery, CCA (gas)	2x750	2x750 (1x650)
Fuel tank, gal.	30 in-frame	40 in-frame
Seating	Driver & 2 pass.	3 pass. Bench
Mirrors, in.	8x17	7x8.5
WB/CA (effective)	109.0/80.0	141/60
	132.5/103.5	165/84
	150.0/121.0	189/108
	176.0/147.0	201/120
	200.0/171.0	
WB/Turning Diameter	109.0/33.5	141/42.3
(curb-to-curb, ft.)	132.5/40.7	165/48.6
	150.0/45.3	189/54.8
	176.0/51.9	201/57.9
	200.0/58.5	
WB/Body lengths	109.0/10, 12	141/8, 9
	132.5/14	165/10, 11, 12
	150.0/16, 18	189/14, 16
	176.0/20	201/16, 18
	200.0/22	

STANDARD EQUIPMENT		
	Isuzu NQR	Ford F-550 Super Duty
Vehicle Health Reports	Standard	Not Available
50 State Clean Idle	Standard	Not Available
Drop-design windows	Standard	Not Available
Exhaust brake	Standard	Not Available
Tilt/telescopic steering column	Standard	Optional Tilt
Tricot fabric	Standard	Optional Fabric
Tilt cab	Standard	Not Available
Folding center seat	Standard	Uplevel equipment
Daytime running lamps	Standard	Fleet option
Cruise control	Standard	Optional
Air conditioning	Optional	Optional
PTO prep.	Standard	Optional
Power windows	Standard	Optional
Power door locks	Standard	Optional
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard
OPTIONAL EQUIPMENT		
	Isuzu NQR	Ford F-550 Super Duty
Engine block heater	Optional	Optional
Engine oil pan heater	Optional	
Limited slip differential	Optional	Optional
AM/FM/CD	Optional	Optional, AM/FM Standard
Air deflector	Optional	
Spare wheel	Optional (Dealer Installed)	Optional
Side mounted fuel tank	Optional	
Engine protection system	Optional	
Engine hour meter	Optional	Standard
Backup alarm	Optional	
Chrome wheel sim.	Optional	
Heated mirrors	Optional	Optional
WARRANTY		
	Isuzu NQR	Ford F-550 Super Duty
Base warranty, diesel	36 months/unlimited mileage	36 months/36,000 miles
Base warranty, gas	NA	36 months/36,000 miles
Engine warranty, diesel	36 months/unlimited mileage	60 months/100,000 miles
Engine warranty, gas	NA	60 months/60,000 miles

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