

MEDIUM DUTY COMPETITIVE COMPARISON

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



NRR Advantages Over Nissan UD 20000



Mitsubishi Fuso FE145:

- Mitsubishi Fuso sells a full line of low cab forward trucks covering the same weight categories and customer needs as the N-Series trucks
- E145 with 14,500 lb. GVWR competes against NPR-HD
- Standard Aisin 6-speed automatic transmission
- No gas engine available in any Mitsubishi Fuso
- 33.1 in. frame rail width
- 5-year/175,000-mile powertrain warranty



NPR Advantages:

- Available gas engine has 75% more power than the Mitsubishi diesel and offers lower initial cost and lighter weight for greater payload (gas engine not available on FE145)
- Isuzu powertrain warranty includes engines, transmissions, axles, driveshafts and universal joints. Mitsubishi Fuso powertrain warranty only includes engines and transmissions
- Longer available wheelbase (176.0 in. vs. 154.2 in. on FE125) with longer available CA allows NPR to carry longer 20-foot bodies
- Higher torque output (441 lb.-ft. vs. 391 lb.-ft.) improves load carrying and towing performance
- Higher horsepower output (205 hp vs. 185 hp) helps get work done faster
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle (33.5 ft./109.0 in. WB vs. 34.8 ft./114.6 in. WB) improves maneuverability
- Higher front-axle capacity (6830 lb. vs. 5510 lb.) contributes to long-term durability
- Longer, more comprehensive roadside assistance helps customer manage possible service costs (36 months/unlimited mileage vs. 24 months/unlimited mileage, towing only on FE)
- Higher rear-axle capacity contributes to durability in commercial operation (14,550 lb. vs. 9,920 lb.)
Taperleaf front springs contribute to ride quality and durability (multileafs used on FE145)
- Wider door opening for easy entry and exit (85 degree vs. 70 degree)
- Higher level of standard equipment with standard air filter restriction gauge, not available on FE
- Better front bumper protection, with more than twice the distance from the cab provided on the NPR-HD
- Greater cab interior room, with 4 inches greater width for crew
- All-season front and rear radial tires provide optimum mix of traction and mileage (highway front and traction-rear radials on FE)

SPECIFICATIONS		
	Isuzu NPR-HD	Mitsubishi Fuso FE145
GVWR	14,500 lb.	14,500 lb.
Engine type (gas)	SOHC I-4 (OHV V8)	DOHC 16-valve I-4 (NA)
Displacement (gas)	5.2L (6.0L)	4.9L (NA)
HP, gas	325 @ 5000	NA
Torque, gas	360 @ 4400	NA
HP, diesel (MT)	175 @ 2400	NA
HP, diesel (AT)	205 @ 2400	185 hp @ 2700 rpm
Torque, diesel (MT)	387 @ 1850	NA
Torque, diesel (AT)	441 @ 1850	391 lb.-ft. @ 1600 rpm
Clutch, in.	12.8	NA
Transmission, gas	4ODA GM	NA
Transmission, diesel	6ODA Aisin	6ODA Aisin
Alternator, amp (gas)	110 (145)	100
Steering	18.8-20.9:1 power	22.6:1 power
Front axle, lb.	6,830	5,510
Front springs, lb.	8,440 taperleaf	5,360 multileaf
Rear axle, lb. (gas)	14,550 (11,020)	9,920
Rear springs, lb.	9,880 multileaf	9,880 multileaf
Wheels (gas)	16 x 6 (19.5 x 6) in. 6-bolt	16 x 6 in. 5-bolt
Tires (gas)	215/85R-16E (225/70R19.5F)	215/85R-16E
Brakes, front (gas)	11.5 (14.3) in. disc	Dual-caliper disc
Brakes, rear (gas)	12.6 x 3.94 (4.72) in. drum	Dual-caliper disc
Frame, psi	44,000	56,560
Frame width, in	33.5	33.1
Frame section modulus	7.20 cu. in.	8.11 cu. in.
Frame RBM	316,800	459,830
Battery, CCA (gas)	2x750 (1x750)	2x799
Fuel tank, gal.	30 in-frame	RH 33/30 in-frame
Seating	Driver & 2 pass.	Driver & 2 pass.
Mirrors, in.	8x17	7x10 + 3.5x6
WB/CA (effective)	109.0/80.0	114.6/86
	132.5/103.5	134.3/105.7
	150.0/121.0	152.4/123.8
	176.0/147.0	176.0/147.4
WB/Turning Diameter	109.0/33.5	114.6/34.8
(curb-to-curb, ft.)	132.5/40.7	134.3/42.0
	150.0/45.3	152.4/46.6
	176.0/51.9	176.0/52.5
WB/Body lengths	109.0/10,(gas) 12	114.6/12, 14
	132.5/14	134.3/14, 16
	150.0/16, 18	152.4/16, 18
	176.0/20	176.0/20

STANDARD EQUIPMENT		
	Isuzu NPR-HD	Mitsubishi Fuso FE145
Vehicle Health Reports	Standard	Not Available
Drop-design windows	Standard	Standard
DEX-COOL	Standard (gas)	Not Available
Exhaust brake	Standard (diesel)	Standard
Tilt/telescopic steering column	Standard	Standard
Tricot fabric	Standard	Fabric
Tilt cab	Standard	Standard
Folding center seat	Standard	Standard
Daytime running lamps	Standard	Standard
Cruise control	Standard	Standard
PTO prep.	Standard (diesel)	Standard
Air conditioning	Standard (gas)	Standard
Power windows	Standard	Standard
Power door locks	Standard	Standard
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard
OPTIONAL EQUIPMENT		
	Isuzu NPR-HD	Mitsubishi Fuso FE145
Engine block heater	Optional (diesel)	Optional
Engine oil pan heater	Optional	
Limited slip differential	Optional	
AM/FM/CD	Optional	Optional
Air deflector	Optional	
Spare wheel	Optional (Dealer Installed)	Optional
Side mounted fuel tank	Optional (diesel)	Standard
Engine protection system	Optional (diesel)	Optional
Engine hour meter	Optional (diesel)	
Backup alarm	Optional	
Chrome wheel sim.	Optional	
Heated mirrors	Optional	
WARRANTY		
	Isuzu NPR-HD	Mitsubishi Fuso FE145
Base warranty, diesel	36 months/unlimited mileage	36 months/unlimited mileage
Base warranty, gas	36 months/36,000 miles	NA
Engine warranty, diesel	36 months/unlimited mileage	60 months/175,000 miles
Engine warranty, gas	36 months/36,000 miles	NA

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