

MEDIUM DUTY COMPETITIVE COMPARISON

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



NPR-HD Advantages Over Hino 165



Hino 165:

- Hino sells a line of short-nose conventional trucks covering the same weight categories and customer needs as the N-Series trucks
- 165 is 16,000 lb. GVWR competing against NPR
- No gas engine available in Hino trucks
- 5-year/175,000-mile powertrain warranty



NPR Advantages:

- Available gas engine has nearly twice the power of the Hino diesel and offers lower initial cost and lighter weight for greater payload (gas engine not available on 165)
- Hino weighs approximately 1000 lb. more than the diesel NPR-HD due to the conventional cab design. This requires a higher GVWR for Hino than a comparable Isuzu. Gas engine NPR weighs more than 1400 lb. less than Hino
- Both trucks offer four wheelbase choices, but NPR's longest wheelbase provides 9.4 inches greater available CA for longer body capacity
- Higher torque output with manual transmission (441 lb.-ft. vs. 376 lb.-ft.) improves load carrying and towing
- Higher diesel horsepower output (205 hp vs. 175 hp) helps get work done faster
- 6-speed automatic vs. 5-speed automatic contributes to fuel efficiency and performance
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle (33.5 ft./109.0 in. WB vs. 35.1 ft./114.6 in. WB) improves maneuverability
- Higher front-axle capacity (6830 lb. vs. 5510 lb.) contributes to durability
- Tilt cab allows easy engine access (limited engine access on Hino)
- Higher rear-axle capacity contributes to durability in commercial operation (11,020 lb. vs. 9,880 lb.)
- Wider door opening for easy entry and exit (85 degree vs. 70 degree)
- Standard front stabilizer bar vs. optional on Hino
- All-season front and rear radial tires provide optimum mix of traction and mileage (highway front and traction-rear radials on 145)

SPECIFICATIONS		
	Isuzu NPR-HD	Hino 165
GVWR	14,500 lb.	16,000
Engine type (gas)	SOHC I-4 (OHV V8)	DOHC 16-valve I-4 (NA)
Displacement (gas)	5.2L (6.0L)	4.7L (NA)
HP, gas	325 @ 5000	NA
Torque, gas	360 @ 4400	NA
HP, diesel (MT)	175 @ 2400	NA
HP, diesel (AT)	205 @ 2400	175 @ 2500
Torque, diesel (MT)	387 @ 1850	NA
Torque, diesel (AT)	441 @ 1850	376 @ 1600
Clutch, in.	12.8	NA
Transmission, gas	4ODA GM	NA
Transmission, diesel	6ODA Aisin	5ODA Allison
Alternator, amp (gas)	110 (145)	100
Steering	18.8-20.9:1 power	TRW power
Front axle, lb.	6,830	6,250
Front springs, lb.	8,440 taperleaf	6,000 taperleaf
Rear axle, lb. (gas)	14,550 (11,020)	11,000
Rear springs, lb.	9,880 multileaf	12,000 multileaf
Wheels (gas)	16 x 6 (19.5 x 6) in. 6-bolt	19.5 x 6 in. 8-bolt
Tires (gas)	215/85R-16E (225/70R19.5F)	225/70R-19.5F
Brakes, front (gas)	11.5 (14.3) in. disc	12.75 in. disc
Brakes, rear (gas)	12.6 x 3.94 (4.72) in. drum	12.75 in. disc
Frame, psi	44,000	80,000
Frame width, in	33.5	34
Frame section modulus	7.20 cu. in.	8.19 cu. in.
Frame RBM	316,800	655,100
Battery, CCA (gas)	2x750 (1x750)	2x600
Fuel tank, gal.	30 in-frame	RH 35
Seating	Driver & 2 pass.	Driver & 2 pass.
Mirrors, in.	8x17	7x16
WB/CA (effective)	109.0/80.0	147.0/83.6
	132.5/103.5	169.0/105.6
	150.0/121.0	183.0/119.6
	176.0/147.0	201.0/137.6
WB/Turning Diameter	109.0/33.5	147.0/40.7
(curb-to-curb, ft.)	132.5/40.7	169.0/46.1
	150.0/45.3	183.0/49.5
	176.0/51.9	201.0/53.9
WB/Body lengths	109.0/10,(gas) 12	147.0/8, 10, 12
	132.5/14	169.0/10, 12, 14
	150.0/16, 18	183.0/12, 14, 16
	176.0/20	201.0/14, 16, 18
Notes:		

STANDARD EQUIPMENT		
	Isuzu NPR-HD	Hino 165
Vehicle Health Reports	Standard	Not Available
Drop-design windows	Standard	Not Available
DEX-COOL	Standard (gas)	Not Available
Exhaust brake	Standard (diesel)	Standard
Tilt/telescopic steering column	Standard	Standard
Tricot fabric	Standard	Optional Fabric
Tilt cab	Standard	Not available
Folding center seat	Standard	Not Available
Daytime running lamps	Standard	Standard
Cruise control	Standard	Standard
PTO prep.	Standard (diesel)	Standard
Air conditioning	Standard (gas)	Standard
Power windows	Standard	Optional
Power door locks	Standard	Optional
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard
OPTIONAL EQUIPMENT		
	Isuzu NPR-HD	Hino 165
Engine block heater	Optional (diesel)	Optional
Engine oil pan heater	Optional	
Limited slip differential	Optional	
AM/FM/CD	Optional	Standard
Air deflector	Optional	
Spare wheel	Optional (Dealer Installed)	Optional
Side mounted fuel tank	Optional (diesel)	Standard
Engine protection system	Optional (diesel)	
Engine hour meter	Optional (diesel)	
Backup alarm	Optional	
Chrome wheel sim.	Optional	
Heated mirrors	Optional	Optional
WARRANTY		
	Isuzu NPR-HD	Hino 165
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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