

UD NISSAN DIESEL

U41

TRUCK CHASSIS

4 × 2 FORWARD CONTROL

6000 kg GVM: YU41

7000 kg GVM: NU41

**FD46 92 kW {125PS}
[88 kW {120PS} (EURO 1)]**

6000 kg GVM

YU41H4: Right-hand drive/Left-hand drive

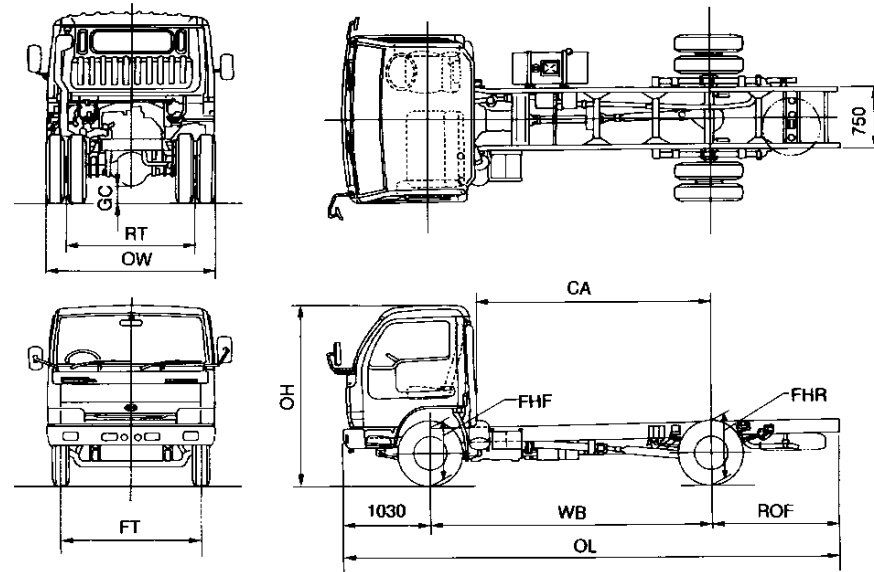
YU41H5: Left-hand drive only

7000 kg GVM

NU41H4: Right-hand drive/Left-hand drive

NU41H5: Right-hand drive/Left-hand drive

Note: Version for BUS use is available.
For details, please consult your distributor or contact the Nissan Diesel home office directly.



Unit: mm

U41 SERIES TRUCK CHASSIS SPECIFICATIONS

(The dimensions are calculated with 7.00-16 tires for YU41 and 7.50-16 tires for NU41.)

DIMENSIONS	mm	YU41H4	YU41H5	NU41H4	NU41H5
Wheelbase	(WB)	3350	3795	3350	3795
Overall Length	(OL)	5925	6555	5925	6555
Overall Width	(OW)	1995	1995	2010	2010
Overall Height	(OH)	2180	2180	2190	2190
Frame Height (Front)	(FHF)	685	685	705	705
Frame Height (Rear)	(FHR)	765	765	775	775
Front Tread	(FT)	1675	1675	1665	1665
Rear Tread	(RT)	1490	1490	1540	1540
Rear Overhang to Frame End	(ROF)	1545	1730	1545	1730
Cab to Rear Axle Center	(CA)	2805	3250	2805	3250
Ground Clearance	(GC)	190	190	205	205

MASSES	kg	YU41H4	YU41H5	NU41H4	NU41H5
Chassis with Cab		2140	2210	2300	2330
On front wheels		1470	1520	1510	1530
On rear wheels		670	690	790	800
Payload, Body and Crew Allowance		3860	3790	4700	4670
Permissible Gross Vehicle Mass		6000	6000	7000	7000
Front Axle Capacity		2500	2500	2800	2800
Rear Axle Capacity		4500	4500	5500	5500

Note: These dimensions and masses are calculated for standard trucks fitted with 7.00-16 tires for YU41 and 7.50-16 tires for NU41.
When mounting body, the GVM should be less than the permissible tire load indicated in JIS, TRA, DIN, ETRTO or local regulations.
The masses include oil, coolant and fuel, standard tools and spare wheel.



PERFORMANCE

Min. Turning Radius

YU41H4	YU41H5	NU41H4	NU41H5
6.1 m	6.8 m	6.3 m	7.1 m

Max. Speed and Gradeability (* Euro 1)

MODEL	Max. speed km/h	Gradeability (tan θ)	Final ratio	Transmission
YU41	102 * 102	0.401 * 0.372	5.571	MES50B
NU41	101 * 101	0.339 * 0.315	5.857 (STD)	
	96 * 96	0.359 * 0.334	6.167 (OPT)	
	91 * 91	0.382 * 0.355	6.500 (OPT)	

YU41 : Computed at 6000 kg GVM with 7.00-16 tires

NU41 : Computed at 7000 kg GVM with 7.50-16 tires



ENGINE (* Euro 1)

Max. Output (JIS)	92 kW {125 PS} at 3000 rpm * 88 kW {120 PS} at 3000 rpm
Max. Torque (JIS)	324 N·m {33 kgf·m} at 1800 rpm * 304 N·m {31 kgf·m} at 1800 rpm
Compression Ratio	18.5 * 18.3
Max. Engine Speed	3100 rpm
Make and Model	NISSAN DIESEL MOTOR, FD46
Type	4-cycle, direct-injection, water-cooled, in-line diesel engine
Number of Cylinders	4
Bore × Stroke	108 × 126 mm
Total Piston Displacement	4617 cm ³
Lubrication System	Forced feed by gear pump
Cooling System	Forced circulation by centrifugal water pump
Fuel System	Bosch A-type in-line plunger
Fuel injection pump	* AD-type
Governor	RLD, mechanical all-speed type
Air Cleaner	Dry paper element type
Electrical Equipment	24-volt system, negative earth
Generator	24-volt—35 amp. alternator
Cold Starting Aid	Battery-powered intake air heater



CHASSIS

Clutch Dry single-plate, hydraulically operated clutch release mechanism

Transmission

Make and model	NISSAN DIESEL MOTOR, MES50B	
Type	Five forward speeds and one reverse, synchromesh on 1st to 5th and reverse gears	
Gear ratios	1st	5.099
	2nd	2.863
	3rd	1.588
	4th	1.000
	5th	0.752
	Rev.	4.862
Gear shift	Mechanical remote control	
P.T.O. (OPT) <input type="checkbox"/>	Attached on the left side of gearbox	
Reduction ratio	<input type="checkbox"/> 1.495 (Low speed type)	<input type="checkbox"/> 1.215 (High speed type)
Capacity	245N-m {25 kgf-m}	
Direction of rotation	Clockwise as seen from rear	

Front Axle Reverse Elliot "I" beam

Rear Axle Full-floating, pressed steel banjo housing

Final reduction gear Single reduction, hypoid gear

Final reduction ratios

YU41: 5.571

NU41:(STD) 5.857

(OPT) 6.166

(OPT) 6.500

Steering Recirculating ball screw type with hydraulic power assistance

Service Brake (foot brake) Hydraulic brake with tandem master vacuum dual line system

Front Internal expanding two leading shoe drum brake with self adjusting

Rear Internal expanding dual two leading shoe drum brake with self adjusting

Parking Brake (hand brake) Mechanically operated by hand brake lever, internal expanding shoe type, acting on drum at rear of transmission

Front Springs Semielliptic leaf springs with anchor at front and shackle at rear

Width × Span 70 × 1190 mm

Rear Springs Semielliptic two-stage leaf springs with anchor at front and shackle at rear

Width × Span Main 70 × 1250 mm
Helper 70 × 850 mm

Shock Absorbers Telescopic type on front and rear axles

Wheels and Tires Front: single/Rear: dual
7.00-16-12PR
YU41: 7.50-16-10PR
NU41:(STD) 7.50-16-12PR
(OPT)

Rim and wheel YU41: Pressed steel disc type, 16 × 5.50F, offset 115 mm, 5 studs
NU41: Pressed steel disc type, 16 × 6.00GS, offset 127 mm, 6 studs

Spare wheel One spare wheel/tire with wind-up carrier

Frame Ladder type, channel section side member

Dimensions 180 × 60 × 4.5 mm

Fuel Tank Capacity 100 ℓ

Electrical Equipment

Battery 60 AH, 12-volt × 2

Headlights Halogen light, 2 lights

Others Back-up lights



CAB

Type Forward control, all-steel welded construction tilting cab

Instruments

Meters Speedometer with odometer & trip meter
Fuel gauge
Coolant temperature gauge

Warning lights and buzzers Air heater indicator light
Alternator low charge warning light
Brake low vacuum warning light
Exhaust brake indicator light
Hazard warning flasher (4 way)
High beam indicator light
Low engine oil pressure warning light
Parking brake indicator light
Sedimentor warning light
Turn signal indicator lights
Engine overrun warning buzzer
Reverse warning buzzer



ATTACHMENTS

Tools NISSAN DIESEL standard tools (1 set)


OTHERS

ITEM	STD	OPT	
Air conditioner	×	<input type="checkbox"/>	○
Brake auto adjuster	○		—
Cargo body	×	<input type="checkbox"/>	○ <input type="checkbox"/> ○ (Without gate)
Center console	×	<input type="checkbox"/>	○ (RH only)
Cigarette lighter	○		—
Clutch auto adjuster & wear indicator	○		—
Cold starting aid & after heater	○		—
Digital clock	×	<input type="checkbox"/>	○
Driver's seat (Adjustable back angle & fore and after position)	○		—
Engine stop system (Auto stop)	○		—
Exhaust brake	○		—
Fan clutch	○		—
Fast idle control device	×	<input type="checkbox"/>	○
Fog lights	×	<input type="checkbox"/>	○
Front mud guard	×	<input type="checkbox"/>	○
Fuel filler cap with key	○		—
Halogen lamp headlights	○		—
Heater	×	<input type="checkbox"/>	○
Heavy duty spring	×	<input type="checkbox"/>	○
Intermittent wiper	○		—
"NISSAN DIESEL" sticker for rear body	×	<input type="checkbox"/>	○
Passenger's & center seat (Fixed type)	○		—
Passing light	○		—

ITEM	STD	OPT	
Power steering	○		—
Powered ventilation system	○		—
P.T.O. control (RH only)	×	<input type="checkbox"/>	Set as P.T.O.
Radio antenna	○		—
Radio	×	<input type="checkbox"/>	AM radio <input type="checkbox"/> AM-FM radio
Reverse warning buzzer & light	○		—
Seat belts	×	<input type="checkbox"/>	Driver's & passenger's seats 3 point ELR, and Center seat 2 point
Sedimentor	○		—
Stabilize (Front)	×	<input type="checkbox"/>	○
Sun visor (Driver & passenger sides)	○		—
Tachometer	×	<input type="checkbox"/>	○
Tilt/telescopic steering	○		—
Underview-mirror	×	<input type="checkbox"/>	○

○ : Available × : Not available

Note: In order that product improvements may be introduced at any time, specifications are subject to change without notice.




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