

QUON

CG 32 400 | CG 32 430 | CG 32 460
8x4 Rigid



QUON KEY FEATURES

SPECIFICATIONS

Power:	GH11TB - 294 kW (400 PS) @ 1600 rpm GH11TC - 316 kW (430 PS) @ 1600 rpm GH11TD - 338 kW (460 PS) @ 1700 rpm
Torque:	GH11TB - 2000 Nm (1475 lb.ft) @ 950 rpm GH11TC - 2000 Nm (1475 lb.ft) @ 950 rpm GH11TD - 2250 Nm (1659 lb.ft) @ 1000 rpm
Transmission:	ESCOT-VI automated manual transmission (AMT)
Rear Suspension:	Leaf spring or electronically controlled air suspension
Wheelbase:	Refer weights and dimensions table
GVM:	32,000 kg
GCM:	50,000 kg (400hp) 55,000 kg (430hp) 60,000 kg (460hp)

UD TRUCKS EXTRA MILE SOLUTIONS



UD TRUCKS FINANCIAL SERVICES

Delivering flexible finance solutions that are tailored to your business. Helping to get your UD Quon on the road, as soon as possible.*



UD TRUCKS SERVICE AGREEMENTS

Peace of mind through tailored service plans, with fixed monthly costs and preventative maintenance options. Maximising fleet uptime and your bottom line.**



UD CONNECT

Keep track of your fleet, improve driver performance, save fuel and reduce maintenance costs, through our integrated telematics system with fully customisable reports.**



NEW SMART FUEL EFFICIENT ENGINES WITH RESPECT FOR THE ENVIRONMENT

GH11 engine: fuel efficient, powerful and clean



SMART UPTIME

Quon has been designed to further optimise uptime, with superior reliability and increased maintenance intervals.



SMART SAFETY

Active safety with mechanical and electronic features throughout, including safety for vulnerable road users.



SMART PRODUCTIVITY

Light weight chassis helping to maximise payload. New engines with improved horsepower and torque to increase productivity.



SMART DRIVABILITY

The cabin has been designed with the user's comfort in mind, with outstanding ergonomics and visibility allowing the driver to concentrate on driving.

Going the Extra Mile.

*Finance offered by Volvo Financial Services Pty Ltd.
**Terms and conditions apply.



GENERAL SPECIFICATIONS

SAFETY

- Passive Safety:**
- Highly rigid cabin
 - Side door beams
 - Front underrun protection system (FUPS)
 - SRS driver steering wheel airbag
 - Driver side seat belt with pre-tensioner
 - Steering wheel & column with impact absorption function

- Active Safety:**
- Traffic Eye Brake System (AEB)
 - Traffic Eye Cruise Control with auto stop & go
 - Traffic sign recognition
 - Lane departure warning system
 - Electronic stability control
 - Automatic hill start assist (ESCOT VI)
 - Lane change support LHS & RHS
 - Blind spot information system LHS & RHS
 - Vulnerable road user detection LHS, RHS & front.

- Basic Safety:**
- LED Headlamps (low beam only)
 - Disc brakes
 - Anti Locking Brake System
 - Emergency Braking System
 - UD Extra Engine Braking (UD EEB)
 - Safe Brake Blending
 - Immobiliser
 - Two-step entry and exit

ENGINE

Model: GH11TB | GH11TC | GH11TD

Description: 6 cylinder, 4 stroke diesel engine

Displacement: 10,837 cc

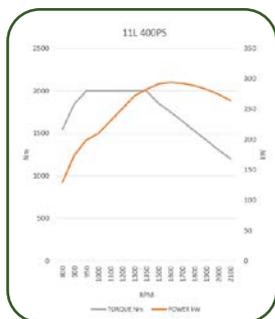
Bore x stroke: 123 mm x 152 mm

Compression ratio: 17.5:1

Max. governed engine speed: 2,100rpm

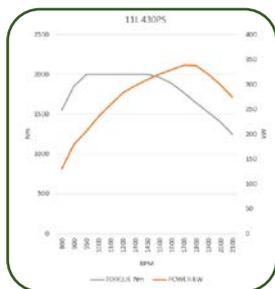
GH11TB400PS

294kW (400PS) @ 1,600rpm
2,000Nm (1475 lb-ft)
@ 950 -1,350rpm



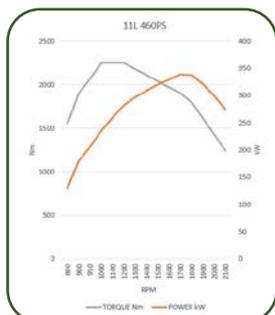
GH11TC430PS

316kW(430PS) @ 1,600rpm
2,000Nm (1475 lb-ft)
@ 950 -1,450rpm



GH11TD460PS

338kW(460PS) @ 1,700rpm
2,250Nm (1659 lb-ft)
@ 1000 -1,200rpm



FUEL AND INTAKE SYSTEM

Fuel capacity:	400 litres
Injection type:	High pressure common rail direct fuel injection system
Filtration:	Chassis mounted primary filter and engine mounted secondary filter

EMISSION CONTROL

Emission standard:	pPNLT (equivalent to Euro 6 emission requirements)
Adblue capacity:	50 litres
Exhaust system:	RHS chassis mounted box muffler

ELECTRICAL

Power:	24 volt, negative ground system
Battery capacity:	2 x 12 volt 165 Ah batteries
Alternator:	150 amp

TRANSMISSION

Make:	UD Trucks
Model:	ESCOT-VI (AT02612F)
Description:	Automated manual transmission (AMT) 12 forward & 2 reverse gears
Shift type:	Electronic shifter with fully automatic or manual control

Gear ratios:	1 st	11.73	7 th	2.70
	2 nd	9.21	8 th	2.12
	3 rd	7.09	9 th	1.63
	4 th	5.57	10 th	1.28
	5 th	4.35	11 th	1.00
	6 th	3.41	12 th	0.78
	Rev 1	13.73	Rev 2	10.78

PTO capacity:	500 Nm @ 103% or 81% (PTR-FH6) 1000 Nm @ 115% or 90% (PTR-D)
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FRONT AXLE AND SUSPENSION SYSTEM

Ground capacity:	13,000 kg
Axle type:	Reverse Elliot I-Beam
Suspension:	Parabolic leaf spring with shock absorbers
Spring dimensions:	90mm x 1460mm
Spring constant:	347.7 N/mm
Load distribution:	Front axles - loadshare

REAR AXLE AND SUSPENSION SYSTEM

Ground capacity:	2,000 kg
Axle type / model:	Single reduction, hypoid gear, with cross locks
Final reduction ratio:	3.78, 4.13, 4.50
Leaf suspension:	Multi-leaf spring suspension, with rubber cushions
Leaf dimensions:	75mm x 1380mm
Air suspension:	UDT-A8 (8 air bag)
Shock absorbers:	Telescopic double acting
Road friendly certification number:	RF2099 (air only)
Control system:	Electronic Controlled Air Suspension with remote control mounted in cab (ECAS4)

BRAKES	
Type:	Electronic braking system (EBS) with disc brakes on all axles
Front/Rear:	430 mm rotors / 430 mm rotors
Park brakes:	Hand-operated pneumatic spring park brake on drive axles
Auxiliary brake:	Exhaust plus engine compression type (EEB)
Trailer connections:	Air and electrical connections to rear of chassis

STEERING	
Type:	Recirculating ball and screw with hydraulic assist
Steering gear ratio:	24.1 - 26.8 : 1
Column:	Adjustable, tilt and telescopic control
Steering wheel:	460 mm diameter with ignition key steering lock

WHEELS & TYRES	
Wheels:	8.25in x 22.5in rim with 165mm offset and ISO 10 stud pattern (335mm PCD)
Front tyres:	295/80 R22.5 Bridgestone R150Z
Rear tyres:	11R 22.5 Bridgestone M711AZ
Spare tyre	295/80 R22.5 Bridgestone R150Z

FRAME	
Width:	850 mm
Side rail dimensions:	300 mm x 90 mm x 8 mm
Material:	Rolled high tensile carbon steel
Tensile strength:	600MPa / max stress for frame - 80.6 MPa

STANDARD DRIVER AIDS	
In Dash Warning Systems:	Visual warning lamps with audible warning tones, plus written warnings displayed in full colour on the information screen
In Dash Driver Information:	Customisable live information includes: On board fuel coaching with economy tips, fuel & AdBlue usage, instant fuel consumption, digital speedo, trip computer including: time, distance & distance to empty. Hour meter, coolant temp, engine oil temp, transmission oil temp, UDPC level and volt meter.

INTERNAL CABIN	
Lighting:	Dual ON/OFF/DOOR interior lights Interior neon cabin lamp
Seating capacity:	Two (three seats optional)
Driver's seat:	ISRI 6860/875 air suspended seat with integrated seat belt & adjustable arm rest. Adjustable height control & rebound damper. With split seat back adjustments for recline & head rest position. Seat base tilt, seat cushion slide, seat air dump switch. Adjustable air bladders (4) for side bolsters, upper & lower lumbar.
Passenger seat/s:	Assistant seat with adjustable back & head rest
Sleeping capability:	ADR 42/04 compliant sleeper bunk with mattress and full curtains
Side windows:	Power operated door glass
Security:	Remote central locking with immobiliser
Air conditioning:	Fully automatic climate controlled air conditioning with recirculation filter

EXTERNAL CABIN	
Multimedia unit:	<ul style="list-style-type: none"> ▫ 8-inch touch screen ▫ Hands-free Bluetooth operation. ▫ FM1, FM2, FM3, AM, DAB+ tuner ▫ USB input ▫ Up to 5 cameras input ▫ Wi-Fi Module ▫ Phone tethering ▫ Cordless Apple Car Play & Android Auto ▫ Truck specific satellite navigation ▫ OTA (over the air updates)
Storage:	Multiple in-cab compartments
Power outlet:	24 volt 240W & 12 volt 120W in dash
DIN accessory fitment:	Two DIN sized compartments
Floor covering:	Vinyl

EXTERNAL CABIN	
Cab Description:	Forward control, pressed steel construction
Mounting type:	Full floating, 4 bag air suspended cab with 4 dual acting shock absorbers and dual automatic height control valves.
Cab paint:	Standard – Polar White. Paint code W33
Inspection points:	Back of the cab and front panel
Bumper type:	3 piece with steel corner panels
Mirrors:	Heated and electrically operated main mirrors with flat glass, wide vision and passenger-side downward facing spot mirrors
Lamps:	<ul style="list-style-type: none"> ▫ LED head lamps (low beam) ▫ Bumper mounted fog lamps ▫ Roof mounted clearance lights
Wipers:	Triple arm, 2 speed wipers with variable intermittent operation and integrated washers
Reversing system:	Reverse beeper and digital infrared camera with microphone

UD CONNECT (FLEET MANAGEMENT)	
Telematics hardware:	In-cab GSM and GPS unit with SIMcard connected to roof antenna
Subscription:	First 12 months are complimentary with the purchase of a new UD Quon*
Key Reports:	<ul style="list-style-type: none"> ▫ Total operational time and distance ▫ Average speed and fuel consumption ▫ Total CO² emission ▫ Vehicle utilisation ▫ Anticipating & braking ▫ Engine & gear utilisation ▫ Speed adaptation ▫ Time idling (standstill)

FACTORY OPTIONAL EQUIPMENT	
Tyres:	275/70 R22.5
Wheels:	Alcoa aluminium wheels
Rear engine PTO:	DIN 5462 or Flange SAE1410; 650 Nm capacity
Transmission PTO:	Top mount, 1 o'clock
Safety:	<ul style="list-style-type: none"> ▫ Driver Alert System ▫ Driver Monitoring System
Cab paint:	Custom paint colours
Windows:	<ul style="list-style-type: none"> ▫ Passenger-side door safety window ▫ Rear cab quarter windows

WEIGHTS AND DIMENSIONS (approx.)

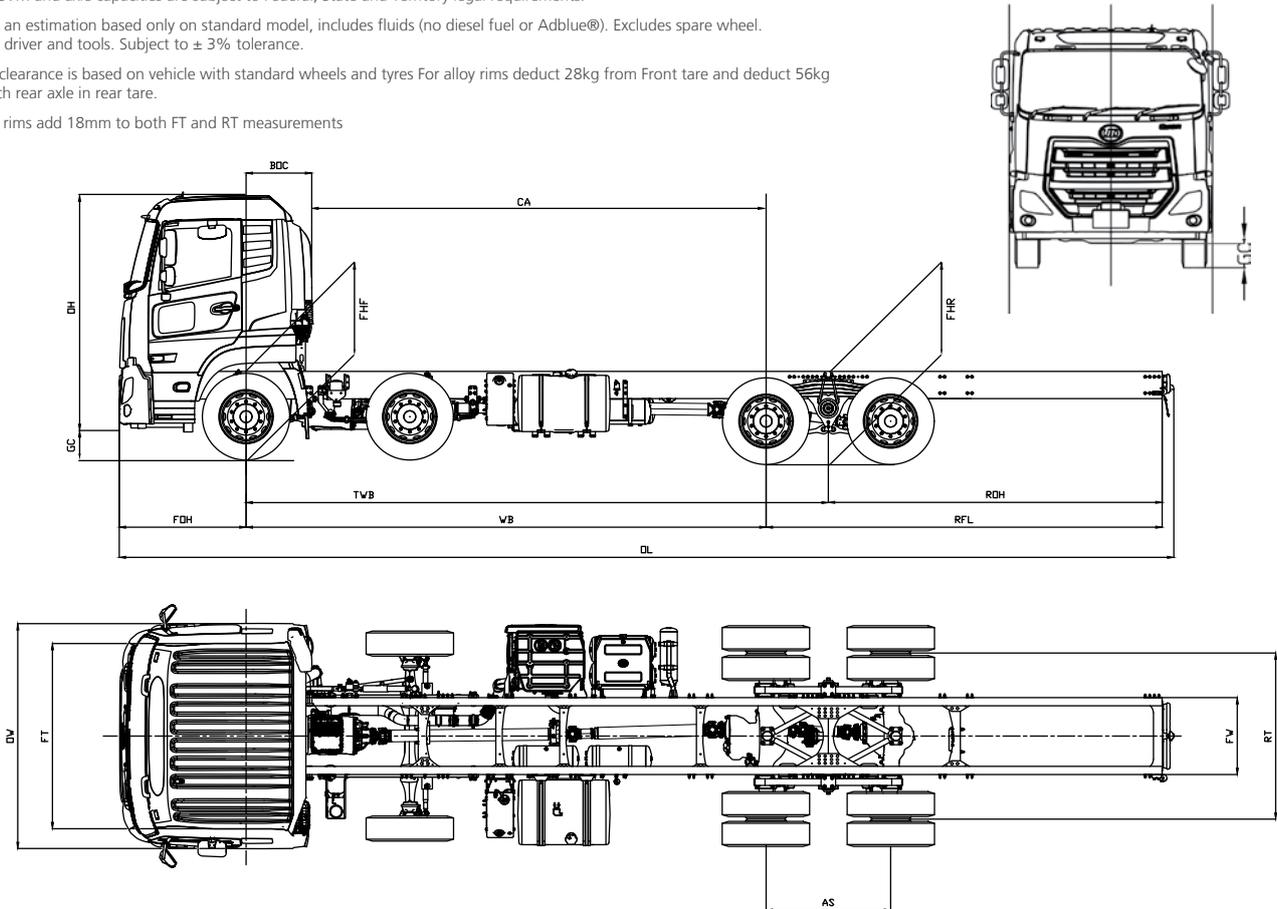
Variant	WBC Code	GVM*	GCM	Front Tare	Rear Tare	Total Tare	WB	TWB	OL	OW	OH	FT	RT	FW	AS	FOH	ROH	REL	BOC	CA	GC	FHF	FHR	UD Order Code		
AIR	T	3200	50000 (400hp)	5931	3142	9073	5200	5885	9917								2510	3195		4466	200		1058	CG32400TAA CG32430TAA CG32460TAA		
	V			5931	3189	9120	5700	6385	11566										3660	4345		4965	200		1092	CG32400VAA CG32430VAA CG32460VAA
	Y			6224	3254	9478	6400	7085	11837	2490	2985	2044	1833	850	1370	1392	3360	4045	735	5685	200	1042	1058	CG32430YAA		
LEAF	T	3200	60000 (460hp)	5775	3016	8791	5200	5885	9917								2510	4345		4466	259		1058	CG32400TAL CG32430TAL CG32460TAL		
	V			5840	3382	9222	5700	6385	11566										3660	4345		4965	259		1092	CG32400VAL CG32430VAL CG32460VAL

*Rated GVM and axle capacities are subject to Federal, State and Territory legal requirements.

1Mass is an estimation based only on standard model, includes fluids (no diesel fuel or Adblue®). Excludes spare wheel. Excludes driver and tools. Subject to ± 3% tolerance.

Ground clearance is based on vehicle with standard wheels and tyres. For alloy rims deduct 28kg from Front tare and deduct 56kg from each rear axle in rear tare.

For alloy rims add 18mm to both FT and RT measurements



WARRANTY

Standard warranty*

36 months/500,000 kms

Cab corrosion warranty*

36 months/unlimited kms

+ For details refer to your UD Trucks New Vehicle Warranty brochure
 ++ Purchased by the owner and covers selected factory items only.
 For details refer to your UD Trucks New Vehicle Warranty brochure

TAKE YOUR BUSINESS FURTHER WITH UD TRUCKS EXTRA MILE SOLUTIONS



UD TRUCKS FINANCIAL SERVICES

Fast, competitive, customisable and fuss-free

UD Trucks Financial Services deliver professional and customisable solutions directly through your UD Trucks dealer network. You'll get a comprehensive and flexible finance solution that's tailored to your needs. We will help to get your UD Truck on the road, as soon as possible.*

Fast and easy to work with

- We are easy to do business with, and you can depend on us to secure a competitive and fast finance package.

Tailored Solutions

- We take the time to get to know you and your business so that we can offer you the best tailored solution. One that meets your needs and is flexible enough to carry you confidently into the future.

A second financing source

- Your bank credit line is best used as a cash flow buffer to your daily activities. That's why having a second line of credit from UD Trucks Financial Services is a more effective way to finance your truck purchase.



UD TRUCKS SERVICE AGREEMENTS

Complete peace of mind

Managing a fleet is no easy task, but with UD Trucks Service Agreements, we can make that much simpler while maximising uptime and providing full peace of mind.

Not only will your fleet enjoy professional service and high-quality, assured parts from UD Trucks, you can also have improved cost control with our simple, fixed monthly invoicing and help from our service advisers every step of the way.**



UD TRUST ULTIMATE

The UD Trust Ultimate plan is the most comprehensive of all the UD Trucks Service Agreements, with the added confidence of repairs to the electrical, engine, driveline, braking and steering systems.



UD TRUST EXTRA

The UD Trust Extra plan covers all that is included in the Standard Program as well as repairs to the driveline components, brakes and clutch components.



UD TRUST STANDARD

The UD Trust Standard plan is designed to service your vehicle in line with your customised OEM backed service plan, giving your vehicle the right maintenance to go the Extra Mile.



UD CONNECT

Keeping your fleet in check

UD Connect uses advanced telematics technology to capture data on operational and truck performance. Providing easy-to-read reports to inform you and then take steps to improve driver performance, save fuel and reduce maintenance costs. Monitoring driver and truck performance, with real-time analysis and top-line reporting.

Each UD Truck in Australia that's fitted with UD Connect and that has been signed up to our agreement, will give you instant feedback on driver behaviour while they're out on the road, allowing you to identify areas of improvement.***

Keeping track of your fleet

- Provides important information about your UD fleet so that you know where your trucks are at all times and can track the status of your deliveries.

Helping to reduce fuel consumption

- Easy to read reports on fuel usage and driver behaviour, so that you can optimise your fuel consumption and improve your bottom line.

Maximising fleet uptime

- Comprehensive and proactive support to assist fleet uptime and productivity.