

NEW QUON 11-Litre

GK 17 Tractor



SPECIFICATIONS

Power:	GH11TC - 309 kW (420 PS) @ 1600 rpm GH11TD - 338 kW (460 PS) @ 1800 rpm *
Torque:	GH11TC - 1900 Nm (1401 lb.ft) @ 950 rpm GH11TD - 2200 Nm (1623 lb.ft) @ 1200 rpm *
Transmission:	ESCOT-VI automated manual transmission (AMT)
Rear Suspension:	Electronically controlled air suspension
Wheelbase:	3,850 mm
GVM:	16,500 kg
GCM:	45,000 kg
	* 460 hp option, customer adaption special order.

QUON UNIQUE FEATURES

- 
SMART FUEL EFFICIENCY AND 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.
- 
SMART PRODUCTIVITY
 Light weight chassis helping to maximise payload.
- 
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.

GENERAL SPECIFICATIONS

SAFETY

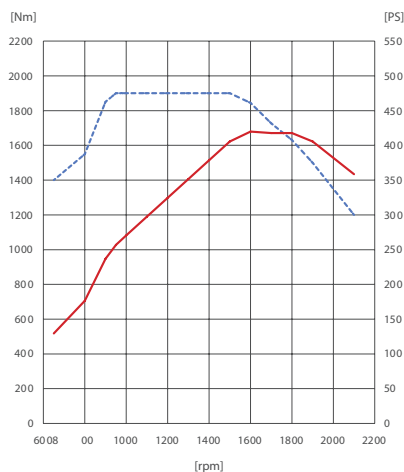
Passive Safety:	Highly rigid cabin Side door beams Front underrun protection system (FUPS) ECE R29 cab strength rating SRS driver steering wheel airbag Driver side seat belt with pre-tensioner Steering wheel & column with impact absorption function
Active Safety:	Traffic Eye Brake System Traffic Eye Cruise Control LDWS (Lane Departure Warning System) Electronic Stability Control (UDSC) Automatic Hill Start Assist (HSA)
Basic Safety:	LED Headlamps Disc brakes Anti Locking Brake System Emergency Braking System UD Extra Engine Braking (UD EEB) Safe Brake Blending Immobiliser Two-step entry & exit

ENGINE

Model:	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:	2,100 rpm

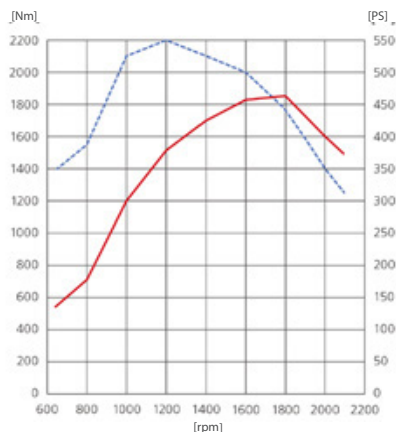
GH11TC420PS

309KW(420PS) / 1,600rpm
1,900Nm(193.kg•m) /
950 -1,500rpm



GH11TD460PS

338KW(460PS) / 1,800rpm
2,200Nm(224.3kg•m) /
1,200-1,400rpm



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 (AT2612- 420hp) (ATO2612- 460hp)		
Description:	Automated manual transmission (AMT) 12 forward & 2 reverse gears		
Shift type:	Electronic shifter with fully automatic or manual control		
Gear ratios:	1st	14.94	7th 3.44
	2nd	22.73	8th 2.70
	3rd	9.04	9th 2.08
	4th	7.09	10th 1.63
	5th	5.54	11th 1.27
	6th	4.35	12th 1.00
	Rev 1	17.48	Rev 2 13.73

ATO2612 Gear Ratio: 1st - 11.73. 12th - 0.78, Rev 1- 13.73

PTO capacity: 500 Nm @ 103% or 81% (PTR-FH6)

FRONT AXLE AND SUSPENSION SYSTEM

Ground capacity:	8,200 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

REAR AXLE AND SUSPENSION SYSTEM

Ground capacity:	13,000 kg
Axle type / model:	Single reduction, hypoid gear, with cross locks
Final reduction ratio:	420hp version- 3.08 or 3.36 to 1 460 hp version- 4.11 to 1

AIR SUSPENSION

Description:	4 air bag
Shock absorbers:	2 x telescopic double acting
Control system:	Electronic Controlled Air Suspension with remote control mounted in cab (ECAS4)

BRAKES		Passenger seat/s:	
Type:	Electronic braking system (EBS) with disc brakes on all axles	Assistant seat with adjustable head rest Foldable centre seat, if fitted	
Front/Rear:	430 mm rotors / 430 mm rotors	Sleeping capability:	
Park brakes:	Hand-operated pneumatic spring park brake on drive axle	ADR 42/04 compliant sleeper bunk with mattress and full curtains.	
Auxiliary brake:	Exhaust plus engine compression type (EEB)	Side windows:	
Trailer connections:	Air and electrical connections to rear of cab	Power operated door glass with auto up & down to driver's window. Isolation switch for passenger side window.	
STEERING		Security:	
Type:	Recirculating ball and screw with hydraulic assist	Remote central locking with immobiliser	
Steering gear ratio:	24.1 - 26.8 : 1	Air conditioning:	
Column:	Adjustable, tilt and telescopic control	Fully automatic climate controlled air conditioning with recirculation filter	
Steering wheel:	460 mm diameter with ignition key steering lock	Multimedia unit:	
WHEELS & TYRES		8 inch high definition capacitive touchscreen with tilting function, AM-FM radio, digital radio & internet radio (requires phone data), USB & auxiliary ports & PDF reader, standard WDR digital reverse camera with microphone & infra-red function, four additional camera inputs with split screen functionality, Wi-Fi & phone tethering enabled, Bluetooth handsfree operation, Android connectivity, Apple connectivity with Siri inputs, truck specific satellite navigation with 3 free map upgrades.	
Wheels:	8.25in x 22.5in rim with 165mm offset and ISO 10 stud pattern (335mm PCD)	Options available:	
Front tyres:	295/80 R22.5 Bridgestone R150Z	Cordless Qi rated phone charging pocket, tyre pressure monitoring & reverse sensors	
Rear tyres:	11R 22.5 Bridgestone M711AZ	Storage:	
Spare tyre:	295/80 R22.5 Bridgestone R150Z	Multiple in-cab compartments	
FRAME		Power outlet:	
Width:	850 mm	24 volt 240W & 12 volt 120W in dash	
Side rail dimensions:	300 mm x 90 mm x 8 mm	DIN accessory fitment:	
Material:	Rolled high tensile carbon steel	Two DIN sized compartments	
Tensile strength:	600MPa / 600N/mm ²	Floor covering:	
DRIVER INFORMATION & CUSTOMISABLE COLOUR DISPLAY SCREEN		Vinyl	
In Dash Warning Systems:	Visual warning lamps with audible warning tones, plus written warnings displayed in full colour on the information screen	EXTERNAL CABIN	
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.	Cab Description:	
INTERNAL CABIN		Forward control, pressed steel construction	
Lighting:	Dual ON/OFF/DOOR interior lights Interior neon cabin lamp	Mounting type:	
Seating capacity:	Up to three (foldable centre seat option available)	Full floating, 4 bag air suspended cab with 4 dual acting shock absorbers and dual automatic height control valves.	
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.	Cab paint:	
		Standard – Polar white	
		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:	
		LED head lamps (low beam) Bumper mounted fog lamps Roof mounted clearance lights Rear LED lamps incorporating reverse lamp and rear fog lamp	
		Wipers:	
		Triple arm, 2 speed wipers with variable intermittent operation and integrated washers	
		Reversing system:	
		Reverse beeper and digital infrared camera with microphone	

GENERAL SPECIFICATIONS

UD TELEMATICS (FLEET MANAGEMENT)

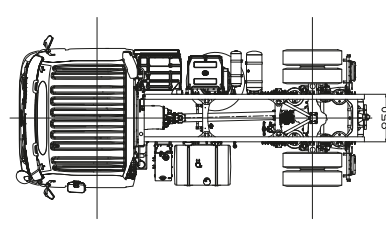
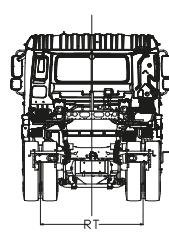
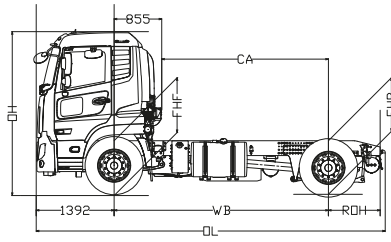
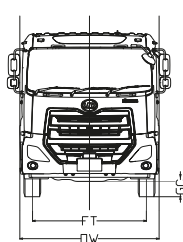
Telematics hardware:	In-cab GSM and GPS unit with SIM-card connected to roof antenna
Subscription:	12 months included
Packages:	Fuel and Environment Positioning
Key Reports:	Total operational time and distance Average speed and fuel consumption Total CO ² emission Vehicle utilisation Anticipating & braking 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
Safety:	Driver Alert System
Additional Wheelbase:	3500mm
Cab paint:	Custom paint colours
Cab Interior	Leather steering wheel, Woodgrain dash, Centre console or 2nd passenger seat
Cab exterior:	Roof scoop, Chrome grille, Roof beacon prep kit, Bumper spoiler, passenger door peep window, cab auxilliary side windows
Chassis:	Front axle stabiliser bar.

MAJOR DIMENSIONS

	Mass (kg)				Vehicle Dimensions (mm)														
Variant	Wheelbase code	GVM*	GCM	Total Tare ¹	WB	TWB	OL	OW	OH	FT	RT	AS	ROH	CA	GC ²	FHF ²	FHR ²	Turning radius (kerb to kerb)	UD order code
UD – Air	E	16500	45000	6008	3850	3850	6262	2490	2970	2062	1851	N/A	930	2995	249	987	1010	6200	GK17420EAA GK17460EAA



* Rated GVM and axle capacities are subject to Federal, State and Territory legal requirements. 1. Mass is an estimation based only on standard model, includes fluids (no diesel fuel or Adblue[®]). Excludes spare tyre carrier, spare wheel, driver & tools. 2. Based on vehicle with standard wheels and tyres.

WARRANTY

Standard warranty⁺	36 months / 500,000 kms
Cab corrosion warranty⁺	36 months / unlimited kms
Extended warranty⁺⁺	60 months / 500,000 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