



UD TRUCKS

QUON 11-Litre

GK 17 430

4x2 Tractor



SPECIFICATIONS

Power:	GH11TC - 316 kW (430 PS) @ 1600 rpm
Torque:	GH11TC - 2000 Nm (1475 lb.ft) @ 950 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

Note: GK17430 shown may not be representative of actual vehicle.

QUON UNIQUE FEATURES

-  **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

GENERAL SPECIFICATIONS

SAFETY

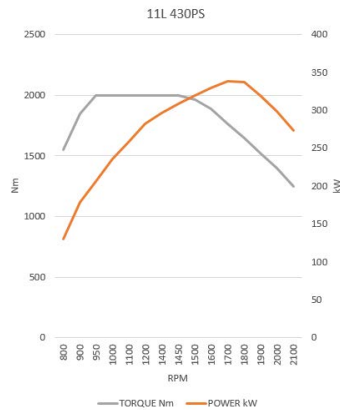
Passive Safety:	Highly rigid cabin Side door beams Front underrun protection system (FUPS) SRS driver steering wheel airbag ECER29 cab strength rating Driver side seat belt with pre-tensioner Steering wheel & column with impact absorption function
Active Safety:	Traffic Eye Brake System Traffic Eye Cruise Control with auto stop and driver initiate go LDWS (Lane Departure Warning System) Electronic Stability Control (UDSC) Automatic Hill Start Assist (HSA) Lane change support LHS & RHS Blind side information system LHS & RHS
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 and exit

ENGINE

Model:	GH11TC
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

GH11TC430PS

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



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 (Japan 2016)
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- 430hp)

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

PTO capacity:	500 Nm @ 103% or 81% (PTR-FH6)
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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:	11,500 kg
Axle type / model:	Single reduction, hypoid gear, with cross locks
Final reduction ratio:	430hp version- 3.08
AIR SUSPENSION	4 air bag
Description:	2 x telescopic double acting
Shock absorbers:	Electronic Controlled Air Suspension with remote control mounted in cab (ECAS4)
Control system:	

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 axle
Auxiliary brake:	Exhaust plus engine compression type (EEB)
Trailer connections:	Air and electrical connections to rear of cab

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

TYRES

Tyre size front:	275/70 22.5
Tyre size rear:	275/70 22.5
Tyre brand:	Bridgestone

FRAME

Width:	850 mm
Side rail dimensions:	266 mm x 90 mm x 7 mm
Material:	Rolled high tensile carbon steel
Tensile strength:	600MPa / 600N/mm ²

DRIVER INFORMATION & CUSTOMISABLE COLOUR DISPLAY SCREEN

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
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.

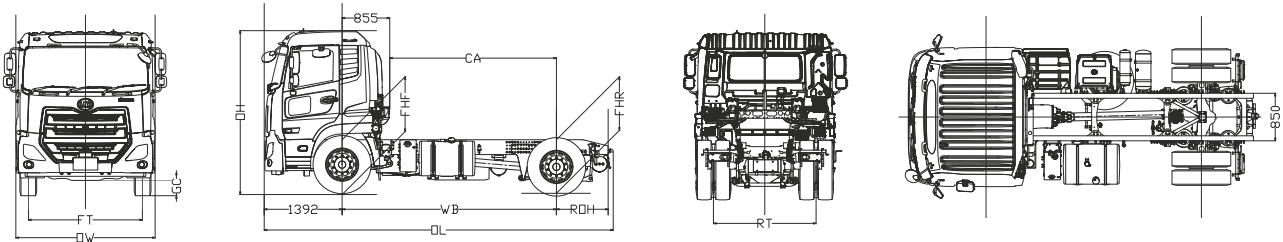
Passenger seat/s:	Assistant seat with adjustable back & head rest
Sleeping capability:	ADR 42/04 compliant sleeper bunk with mattress and full curtains
Side windows:	Power operated door glass
Security:	Remote central locking with immobiliser
Air conditioning:	Fully automatic climate controlled air conditioning with recirculation filter
Multimedia unit:	6.5" capacitive multi-touch screen TFT 800x480 RGB min USB: 1 x front, 3 x rear automotive 2GB RAM and 16GB total flash memory Bluetooth 4.1 - A2DP with hands free, phone contacts transfer, call history & SMS WIFI embedded 802.11 b/g/n Built in Gyro Built in chipset GPS with external antenna Internal microphone with optional external Camera inputs: 4 inputs, reverse, body, left & right side. Hardwire reverse camera input with CAN interface
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
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

MAJOR DIMENSIONS

Variant	Mass (kg)				Vehicle Dimensions (mm)													UD order code	
	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 – Air	E	16500	45000	6130	3850	3850	6263	2490	2848	2044	1833	N/A	930	2995	193	953	947	6200	GK17430



Rated GVM and axle capacities are subject to legal requirements.
 Mass is an estimation only based on standard model, 50 litres Diesel fuel, full AdBlue, excludes driver and tools.
 Based on vehicle with standard wheels and tyres.

Standard warranty⁺
Driveline warranty⁺

24 months / 250,000 kms
 36 months / 300,000 kms

⁺For details refer to your UD Trucks New Vehicle Warranty brochure