



# QUON 11-Litre

GK 17 430 | GK 17 460

4x2 Tractor



## SPECIFICATIONS

<b>Power:</b>	GH11TC - 316 kW (430 PS) @ 1600 rpm GH11TD - 338 kW (460 PS) @ 1700 rpm*
<b>Torque:</b>	GH11TC - 2000 Nm (1475 lb.ft) @ 950 rpm GH11TD - 2250 Nm (1659 lb.ft) @ 1000 rpm*
<b>Transmission:</b>	ESCOT-VI automated manual transmission (AMT)
<b>Rear Suspension:</b>	Electronically controlled air suspension
<b>Wheelbase:</b>	3,850 mm
<b>GVM:</b>	16,500 kg
<b>GCM:</b>	45,000 kg

\* 460 hp option, customer adaption special order.

## 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

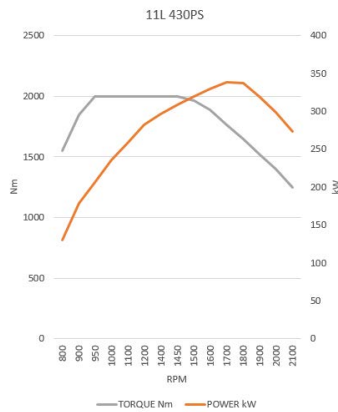
<b>Passive Safety:</b>	Highly rigid cabin Side door beams Front underrun protection system (FUPS) SRS driver steering wheel airbag ECER29 cab strength rating Driver side seat belt with pre-tensioner Steering wheel & column with impact absorption function
<b>Active Safety:</b>	Traffic Eye Brake System 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
<b>Basic Safety:</b>	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

<b>Model:</b>	GH11TC   GH11TD
<b>Description:</b>	6 cylinder, 4 stroke diesel engine
<b>Displacement:</b>	10,837 cc
<b>Bore x stroke:</b>	123 mm x 152 mm
<b>Compression ratio:</b>	17.5:1
<b>Max. governed engine speed:</b>	2,100 rpm

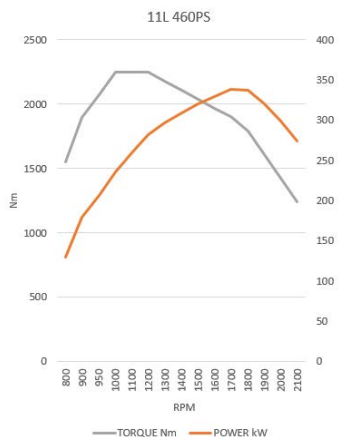
### GH11TC430PS

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



### GH11TD460PS

338KW(460PS) @ 1,700rpm  
2,250Nm (1659 lb-ft)  
@ 1,000 - 1,200rpm



## FUEL AND INTAKE SYSTEM

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

## EMISSION CONTROL

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

## ELECTRICAL

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

## TRANSMISSION

<b>Make:</b>	UD Trucks																												
<b>Model:</b>	ESCOT-VI (AT2612- 430hp) (ATO2612- 460hp)																												
<b>Description:</b>	Automated manual transmission (AMT) 12 forward & 2 reverse gears																												
<b>Shift type:</b>	Electronic shifter with fully automatic or manual control																												
<b>Gear ratios:</b>	<table border="0"> <tr> <td><b>1<sup>st</sup></b></td> <td>14.94</td> <td><b>7<sup>th</sup></b></td> <td>3.44</td> </tr> <tr> <td><b>2<sup>nd</sup></b></td> <td>22.73</td> <td><b>8<sup>th</sup></b></td> <td>2.70</td> </tr> <tr> <td><b>3<sup>rd</sup></b></td> <td>9.04</td> <td><b>9<sup>th</sup></b></td> <td>2.08</td> </tr> <tr> <td><b>4<sup>th</sup></b></td> <td>7.09</td> <td><b>10<sup>th</sup></b></td> <td>1.63</td> </tr> <tr> <td><b>5<sup>th</sup></b></td> <td>5.54</td> <td><b>11<sup>th</sup></b></td> <td>1.27</td> </tr> <tr> <td><b>6<sup>th</sup></b></td> <td>4.35</td> <td><b>12<sup>th</sup></b></td> <td>1.00</td> </tr> <tr> <td><b>Rev 1</b></td> <td>17.48</td> <td><b>Rev 2</b></td> <td>13.73</td> </tr> </table>	<b>1<sup>st</sup></b>	14.94	<b>7<sup>th</sup></b>	3.44	<b>2<sup>nd</sup></b>	22.73	<b>8<sup>th</sup></b>	2.70	<b>3<sup>rd</sup></b>	9.04	<b>9<sup>th</sup></b>	2.08	<b>4<sup>th</sup></b>	7.09	<b>10<sup>th</sup></b>	1.63	<b>5<sup>th</sup></b>	5.54	<b>11<sup>th</sup></b>	1.27	<b>6<sup>th</sup></b>	4.35	<b>12<sup>th</sup></b>	1.00	<b>Rev 1</b>	17.48	<b>Rev 2</b>	13.73
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**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

<b>Ground capacity:</b>	8,200 kg
<b>Axle type:</b>	Reverse Elliot I-Beam
<b>Suspension:</b>	Parabolic leaf spring with shock absorbers
<b>Spring dimensions:</b>	90mm x 1460mm
<b>Spring constant:</b>	347.7 N/mm

## REAR AXLE AND SUSPENSION SYSTEM

<b>Ground capacity:</b>	13,000 kg
<b>Axle type / model:</b>	Single reduction, hypoid gear, with cross locks
<b>Final reduction ratio:</b>	430hp version- 3.08 or 3.36 to 1 460 hp version- 4.11 to 1

### AIR SUSPENSION

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

## BRAKES

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

## STEERING

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

## WHEELS & TYRES

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

## FRAME

<b>Width:</b>	850 mm
<b>Side rail dimensions:</b>	300 mm x 90 mm x 8 mm
<b>Material:</b>	Rolled high tensile carbon steel
<b>Tensile strength:</b>	600MPa / 600N/mm <sup>2</sup>

## DRIVER INFORMATION & CUSTOMISABLE COLOUR DISPLAY SCREEN

<b>In Dash Warning Systems:</b>	Visual warning lamps with audible warning tones, plus written warnings displayed in full colour on the information screen
<b>In Dash Driver Information:</b>	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

<b>Lighting:</b>	Dual ON/OFF/DOOR interior lights Interior neon cabin lamp
<b>Seating capacity:</b>	Two (three seats optional)
<b>Driver's seat:</b>	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.

<b>Passenger seat/s:</b>	Assistant seat with adjustable back & head rest
<b>Sleeping capability:</b>	ADR 42/04 compliant sleeper bunk with mattress and full curtains
<b>Side windows:</b>	Power operated door glass
<b>Security:</b>	Remote central locking with immobiliser
<b>Air conditioning:</b>	Fully automatic climate controlled air conditioning with recirculation filter
<b>Multimedia unit:</b>	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 capable, Wi-Fi & phone tethering enabled, Bluetooth handsfree operation, Android connectivity, Apple connectivity with Siri inputs, truck specific satellite navigation with 3 free map upgrades. Options available: Cordless Qi rated phone charging pocket, tyre pressure monitoring & reverse sensors
<b>Storage:</b>	Multiple in-cab compartments
<b>Power outlet:</b>	24 volt 240W & 12 volt 120W in dash
<b>DIN accessory fitment:</b>	Two DIN sized compartments
<b>Floor covering:</b>	Vinyl

## EXTERNAL CABIN

<b>Cab Description:</b>	Forward control, pressed steel construction
<b>Mounting type:</b>	Full floating, 4 bag air suspended cab with 4 dual acting shock absorbers and dual automatic height control valves.
<b>Cab paint:</b>	Standard – Polar white
<b>Inspection points:</b>	Back of the cab and front panel
<b>Bumper type:</b>	3 piece with steel corner panels
<b>Mirrors:</b>	Heated and electrically operated main mirrors with flat glass, wide vision and passenger-side downward facing spot mirrors
<b>Lamps:</b>	LED head lamps (low beam) Bumper mounted fog lamps Roof mounted clearance lights Rear LED lamps incorporating reverse lamp and rear fog lamp
<b>Wipers:</b>	Triple arm, 2 speed wipers with variable intermittent operation and integrated washers
<b>Reversing system:</b>	Reverse beeper and digital infrared camera with microphone

## GENERAL SPECIFICATIONS

### UD CONNECT (FLEET MANAGEMENT)

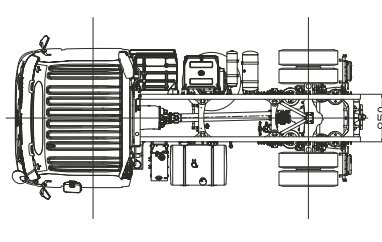
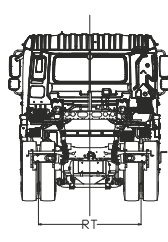
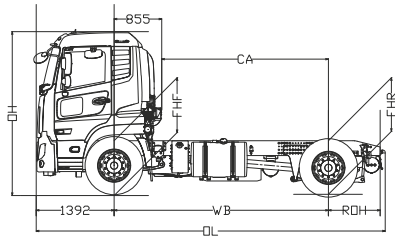
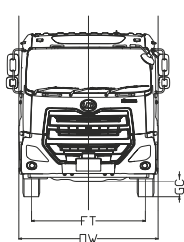
<b>Telematics hardware:</b>	In-cab GSM and GPS unit with SIM-card connected to roof antenna
<b>Subscription:</b>	12 months included
<b>Key Reports:</b>	Total operational time and distance Average speed and fuel consumption Total CO <sup>2</sup> emission Vehicle utilisation Anticipating & braking Engine & gear utilisation Speed adaptation Time idling (standstill)

### FACTORY OPTIONAL EQUIPMENT

<b>Tyres:</b>	275/70 R22.5
<b>Wheels:</b>	Alcoa aluminium wheels
<b>Rear engine PTO:</b>	DIN 5462 or Flange SAE1410; 650 Nm capacity
<b>Safety:</b>	Driver Alert System Driver Monitoring System
<b>Cab paint:</b>	Custom paint colours
<b>Cab Interior:</b>	Leather steering wheel, Woodgrain dash, Centre console or 2nd passenger seat
<b>Cab exterior:</b>	Roof scoop, Chrome grille, Roof beacon prep kit, Bumper spoiler, passenger door peep window, cab auxiliary side windows
<b>Chassis:</b>	3,500mm wheelbase option, customer adaptation special order Front stabiliser bar

## MAJOR DIMENSIONS

Variant	Mass (kg)					Vehicle Dimensions (mm)													UD order code
	Wheelbase code	GVM*	GCM	Total Tare <sup>1</sup>	WB	TWB	OL	OW	OH	FT	RT	AS	ROH	CA	GC <sup>2</sup>	FHF <sup>2</sup>	FHR <sup>2</sup>	Turning radius (kerb to kerb)	
UD - Air	E	16500	45000	6008	3850	3850	6262	2490	2970	2062	1851	N/A	930	2995	249	987	1010	6200	GK17430EAA 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<sup>®</sup>). Excludes spare tyre carrier, spare wheel, driver & tools. 2. Based on vehicle with standard wheels and tyres.

## WARRANTY

<b>Standard warranty<sup>+</sup></b>	36 months / 500,000 kms
<b>Cab corrosion warranty<sup>+</sup></b>	36 months / unlimited kms
<b>Extended warranty<sup>++</sup></b>	60 months / 500,000 kms

<sup>+</sup>For details refer to your UD Trucks New Vehicle Warranty brochure

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