



### 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>	Leaf spring or electronically controlled air suspension
<b>Wheelbase:</b>	Refer weights and dimensions table
<b>GVM:</b>	32,000 kg
<b>GCM:</b>	55,000 kg (430hp) 60,000 kg (460 hp)

Note: CG 32 460 shown may not be representative of actual vehicle.

### 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

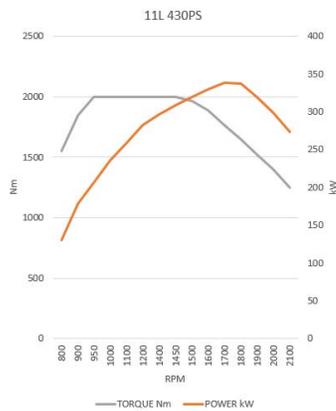
<b>Passive Safety:</b>	Highly rigid cabin Side door beams Front underrun protection system (FUPS) SRS driver steering wheel airbag Driver side seat belt with pre-tensioner Steering wheel & column with impact absorption function
<b>Active Safety:</b>	Traffic Eye Brake System Traffic Eye Cruise Control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

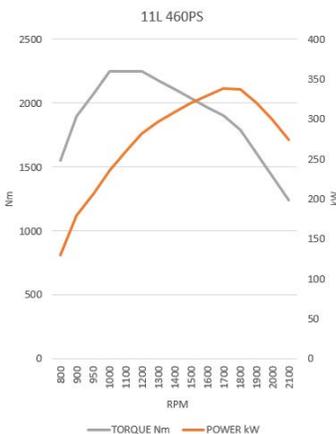
### GH11TC430PS

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 (Japan 2016)
<b>Adblue capacity:</b>	5200mm & 5700mm WB - 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 (AT02612F)																												
<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>11.73</td> <td><b>7<sup>th</sup></b></td> <td>2.70</td> </tr> <tr> <td><b>2<sup>nd</sup></b></td> <td>9.21</td> <td><b>8<sup>th</sup></b></td> <td>2.12</td> </tr> <tr> <td><b>3<sup>rd</sup></b></td> <td>7.09</td> <td><b>9<sup>th</sup></b></td> <td>1.63</td> </tr> <tr> <td><b>4<sup>th</sup></b></td> <td>5.57</td> <td><b>10<sup>th</sup></b></td> <td>1.28</td> </tr> <tr> <td><b>5<sup>th</sup></b></td> <td>4.35</td> <td><b>11<sup>th</sup></b></td> <td>1.00</td> </tr> <tr> <td><b>6<sup>th</sup></b></td> <td>3.41</td> <td><b>12<sup>th</sup></b></td> <td>0.78</td> </tr> <tr> <td><b>Rev 1</b></td> <td>13.73</td> <td><b>Rev 2</b></td> <td>10.78</td> </tr> </table>	<b>1<sup>st</sup></b>	11.73	<b>7<sup>th</sup></b>	2.70	<b>2<sup>nd</sup></b>	9.21	<b>8<sup>th</sup></b>	2.12	<b>3<sup>rd</sup></b>	7.09	<b>9<sup>th</sup></b>	1.63	<b>4<sup>th</sup></b>	5.57	<b>10<sup>th</sup></b>	1.28	<b>5<sup>th</sup></b>	4.35	<b>11<sup>th</sup></b>	1.00	<b>6<sup>th</sup></b>	3.41	<b>12<sup>th</sup></b>	0.78	<b>Rev 1</b>	13.73	<b>Rev 2</b>	10.78
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<b>PTO capacity:</b>	500 Nm @ 103% or 81% (PTR-FH6) 1000 Nm @ 115% or 90% (PTR-D)																												

## FRONT AXLE AND SUSPENSION SYSTEM

<b>Ground capacity:</b>	14,200 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>	20,000 kg
<b>Axle type / model:</b>	Single reduction, hypoid gear, with cross locks
<b>Final reduction ratio:</b>	4.13 air, 4.50 leaf
<b>LEAF SUSPENSION:</b>	Multi-leaf spring suspension, with rubber cushions
<b>Description:</b>	75mm x 1380mm
<b>Leaf dimensions:</b>	
<b>AIR SUSPENSION:</b>	8 air bag
<b>Description:</b>	2 telescopic double acting
<b>Shock absorbers:</b>	Electronic Controlled Air Suspension with remote control mounted in cab (ECAS4)
<b>Control system:</b>	

<b>BRAKES</b>		<b>Side windows:</b>	Power operated door glass
<b>Type:</b>	Electronic braking system (EBS) with disc brakes	<b>Security:</b>	Remote central locking with immobiliser
<b>Front/Rear:</b>	430 mm rotors / 430 mm rotors	<b>Air conditioning:</b>	Fully automatic climate controlled airconditioning with recirculation filter
<b>Park brakes:</b>	Hand-operated pneumatic spring park brake on drive axles	<b>Multimedia unit:</b>	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
<b>Auxiliary brake:</b>	Exhaust plus engine compression type (EEB)	<b>Storage:</b>	Multiple in-cab compartments
<b>Trailer connections:</b>	Air and electrical connections to rear of chassis	<b>Power outlet:</b>	24 volt 240W & 12 volt 120W in dash
<b>STEERING</b>		<b>DIN accessory fitment:</b>	Two DIN sized compartments
<b>Type:</b>	Recirculating ball and screw with hydraulic assist	<b>Floor covering:</b>	Vinyl
<b>Steering gear ratio:</b>	24.1 - 26.8 : 1	<b>EXTERNAL CABIN</b>	
<b>Column:</b>	Adjustable, tilt and telescopic control	<b>Cab Description:</b>	Forward control, pressed steel construction
<b>Steering wheel:</b>	460 mm diameter with ignition key steering lock	<b>Mounting type:</b>	Full floating, 4 bag air suspended cab with 4 dual acting shock absorbers and dual automatic height control valves.
<b>WHEELS &amp; TYRES</b>		<b>Cab paint:</b>	Standard – Polar White
<b>Wheels:</b>	8.25in X 22.5in rim with 165mm offset and ISO 10 stud pattern (335mm PCD)	<b>Inspection points:</b>	Back of the cab and front panel
<b>Front tyres Leaf sus:</b>	295/80 R22.5 Bridgestone	<b>Bumper type:</b>	3 piece with steel corner panels
<b>Rear tyres Leaf sus:</b>	11R 22.5 Bridgestone	<b>Mirrors:</b>	Heated and electrically operated main mirrors with flat glass, wide vision and passenger-side downward facing spot mirrors
<b>Front tyres Air sus:</b>	275/70 22.5 Bridgestone	<b>Lamps:</b>	LED head lamps (low beam) Bumper mounted fog lamps Roof mounted clearance lights
<b>Rear tyres Air sus:</b>	275/70 22.5 Bridgestone	<b>Wipers:</b>	Triple arm, 2 speed wipers with variable intermittent operation and integrated washers
<b>FRAME</b>		<b>Reversing system:</b>	Reverse beeper
<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		
<b>STANDARD DRIVER AIDS</b>			
<b>Warning systems:</b>	Visual warning lamps with audible warning tones, plus written warnings displayed on LCD screen		
<b>Driver assistance:</b>	Driver information including: date, time, oil pressure, voltmeter, trip information Electronic stalk mounted cruise control		
<b>INTERNAL CABIN</b>			
<b>Lighting:</b>	Dual ON/OFF/DOOR interior lights Interior neon cabin lamp		
<b>Seating capacity:</b>	Two		
<b>Driver's seat:</b>	Air-suspended seat with adjustable shock absorber, recliner, height control, armrest & lumbar adjustment		
<b>Passenger seat/s:</b>	Assistant seat with adjustable head rest		
<b>Sleeping capability:</b>	ADR 42/04 compliant sleeper bunk with mattress		

# WEIGHTS AND DIMENSIONS (approx.)

## i) CG 32 430

Variant	Model	WB Code	GVM	GCM	Front Tare	Rare Tare	Total Tare	WB	TWB	OL	OW	OH	FT	RT	FW	AS	FOH	ROH	RFL	BOC	CA	GC	FHF	FHR
Air	CG32430AS	T	32000	55000	5810	3020	8980	5200	5885	9917	2490	2945	2044	1833	850	1370	1392	2510	3195	735	4466	200	1000	1015
Leaf	CG32430L	V			5730	3530	9270	5700	6385	11566	2490	2985	2044	1833	850	1370	1392	3660	4345		4965	247	1045	1091

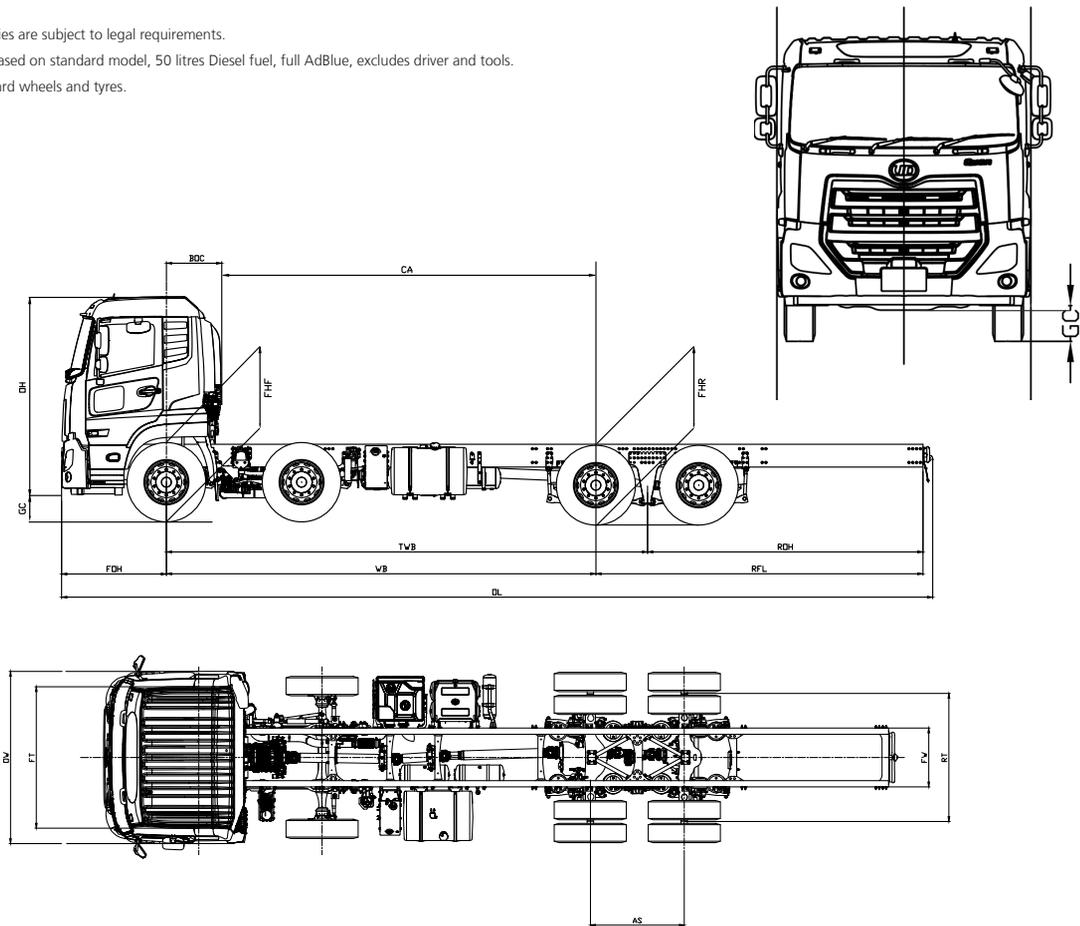
## i) CG 32 460

Variant	Model	WB Code	GVM	GCM	Front Tare	Rare Tare	Total Tare	WB	TWB	OL	OW	OH	FT	RT	FW	AS	FOH	ROH	RFL	BOC	CA	GC	FHF	FHR
Air	CG32460AS	T	32000	60000	5810	3020	8980	5200	5885	9917	2490	2945	2044	1833	850	1370	1392	2510	3195	735	4466	200	1000	1015
Leaf	CG32460L	V			5730	3530	9270	5700	6385	11566	2490	2985	2044	1833	850	1370	1392	3660	4345		4965	247	1045	1091

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.



## WARRANTY

**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

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