



# NEW QUON

## GK 17 420

4x2 Tractor



### SPECIFICATIONS

<b>Power:</b>	309 kW (420 PS) @1600 rpm
<b>Torque:</b>	1900 Nm (1401 lb.ft) @ 950 rpm
<b>Transmission:</b>	ESCOT-VI automated manual transmission (AMT)
<b>Suspension:</b>	Air bag suspension
<b>Overall length:</b>	6270 mm
<b>Overall width:</b>	2490 mm
<b>Wheelbase:</b>	3850 mm (E-wheelbase)
<b>GVM:</b>	16500 kg
<b>GCM:</b>	45000 kg

Note: GK 17 420 shown may not be representative of actual vehicle

### NEW QUON UNIQUE FEATURES



#### SMART FUEL EFFICIENCY AND RESPECT FOR THE ENVIRONMENT

GH11 engine: even more fuel efficient, powerful and clean.



#### SMART UPTIME

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



#### SMART SAFETY

Active safety has been improved with mechanical and electronic upgrades throughout.



#### SMART PRODUCTIVITY

Increased payload, reduced vehicle weight.



#### SMART DRIVABILITY

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

## MECHANICAL SPECIFICATION

### ENGINE MODEL

<b>Model:</b>	GH11TC
<b>Layout:</b>	6 in-line
<b>Maximum power (rpm):</b>	309 kW (420 PS) @ 1600 rpm
<b>Maximum torque (rpm):</b>	1900 Nm (1401 lb.ft) @ 950 rpm
<b>Bore X stroke:</b>	123 mm x 152 mm
<b>Displacement:</b>	10837 cc (11 litres)
<b>Emission standard:</b>	pPNLT (Exceeds Euro 6 emission requirements)

### TRANSMISSION

<b>Make:</b>	UD Trucks		
<b>Model:</b>	ESCOT-VI		
<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>			
<b>1<sup>st</sup></b>	14.94	<b>7<sup>th</sup></b>	3.44
<b>2<sup>nd</sup></b>	11.73	<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
<b>PTO capacity:</b>	500 nm @ 103% or 81%		

### BRAKES

<b>System type:</b>	Electronic Braking System (EBS) with disc brakes
<b>Front/Rear:</b>	430 mm rotors / 430 mm rotors
<b>Parking/Emergency Brake:</b>	Spring park brake
<b>Auxiliary Brake:</b>	Exhaust plus engine compression type (EEB)

### CLUTCH

<b>Type:</b>	Single plate
<b>Disc diameter:</b>	430 mm (17")

### STEERING

<b>Type:</b>	Hydraulic assist
<b>Min.turning:</b>	6200 mm

### AXLE AND LOAD

<b>Mode (rear):</b>	RSS1344C
<b>Front axle load limit:</b>	8200 kg
<b>Rear axle load limit:</b>	11500 kg
<b>Final gear ratio:</b>	3.08 or 3.36

<b>Reduction type:</b>	Single reduction
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### SUSPENSIONS

<b>Front:</b>	Front parabolic leaf spring suspension
<b>Rear:</b>	4 air bag electronically controlled

### TYRE:

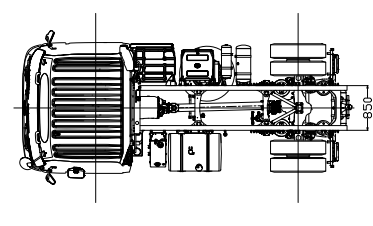
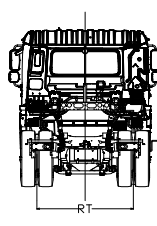
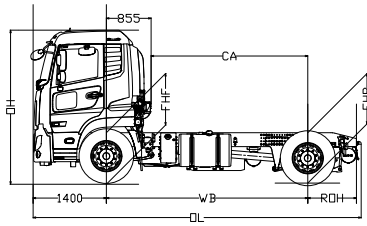
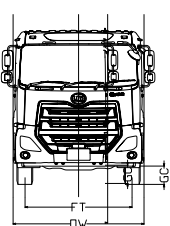
<b>Tyre size front:</b>	295/80 R22.5
<b>Tyre size rear:</b>	11 R22.5
<b>Tyre brand:</b>	Bridgestone

### FUEL TANK

<b>Capacity:</b>	400 litre aluminium tank with lockable cap on LHS
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## 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	6270	2490	2970	2062	1851	N/A	930	2995	249	987	1010	6200	GK17420EAA		



\* 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.