



# 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>	6262 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

#### Gear Ratios:

<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

**Rev 1** 17.48

**Rev 2** 13.73

**PTO capacity:** 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
<b>Reduction type:</b>	Single reduction

### SUSPENSIONS

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

### TYRE:

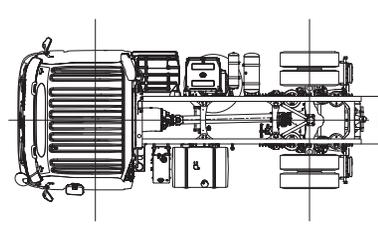
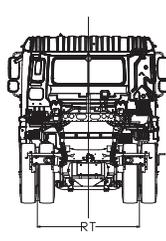
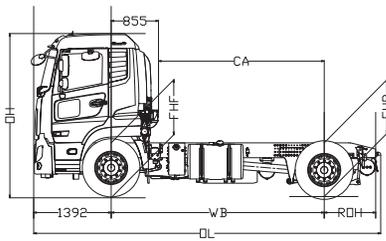
<b>Tyre size front:</b>	275/70 R22.5
<b>Tyre size rear:</b>	275/70 R22.5
<b>Tyre brand:</b>	Bridgestone

### 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	6130	3850	3850	6262	2490	2940	2062	1851	N/A	930	2995	210	970	985	6200	GK17420EAA



\*Rated GVM and axle capacities are subject to legal requirements. 1. Mass is an estimation based only on standard model, includes fluids (approx. 50 litres diesel fuel and full Adblue®). Excludes spare tyre carrier, spare wheel, driver and tools. 2. Based on vehicle with standard wheels and tyres.