



UD TRUCKS

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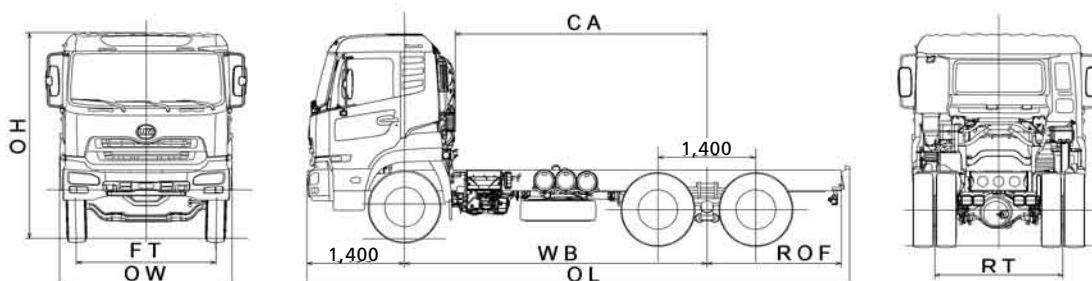
Quon

Dump & Mixer GVW33t Series
CW 33 370 / CW 33 410

STANDARD SPECIFICATION

Model	CW 33 370		CW 33 410		
Model Description	6×4 Dump 270 kW	6×4 Mixer 270 kW	6×4 Dump 300 kW	6×4 Mixer 300 kW	
Manufacturer's Code	CWB6BLLDN2/CWB6BLDL2	CWB6BLLMN2/CWB6BLML2	CWB6BLLDN3/CWB6BLDL3	CWB6BLLMN3/CWB6BLML3	
Steering Position	RH/LH				
Drive System	6×4				
Weights					
GVW	(kg)	33,000			
Front Axle Capacity	(kg)	7,500			
Rear Axle Capacity	(kg)	26,000			
Chassis with Cab	(kg)	8,440	8,445	8,530	8,530
On Front Wheels	(kg)	4,460	4,470	4,535	4,505
On Rear Wheels	(kg)	3,980	3,975	3,995	4,025
Dimensions					
Wheelbase (WB)	(mm)	4,350			
Overall Length (OL)	(mm)	7,800			
Overall Width (OW)	(mm)	2,490			
Overall Height (OH)	(mm)	2,965			
Front Tread (FT)	(mm)	2,030			
Rear Tread (RT)	(mm)	1,840			
Rear Overhang to Frame End (ROF)	(mm)	1,930			
Cab back to Rear Axle Center (CA)	(mm)	3,620			
Minimum Turning Radius	(m)	7.6			
Engine					
Model	UD Trucks GH13 (EURO3)				
Type	Direct injection, water cooled, in-line 6-cylinder diesel engine, turbocharged with intercooler				
Fuel System	Direct injection, unit injector				
Displacement	(cm³)	12,777			
Bore × Stroke	(mm)	131×158			
Output		270 kW (362 HP)/1,500-1,800 rpm	300 kW (402 HP)/1,400-1,800 rpm		
Torque		1,754 Nm/950-1,450 rpm	2,040 Nm/1,050-1,400 rpm		
Engine Brake	Exhaust Brake (Optional: Extra Engine Brake 290 kW/2,300 rpm)				
Engine Rear PTO		Output torque: 650 Nm Reduction ratio: 0.793		Output torque: 650 Nm Reduction ratio: 0.793	
Brake System					
Service Brake	Full air, dual air line system, wedge type				
Parking Brake	Spring brakes fitted on the front axle and rear-front axle				
Transmission & Others					
Model	UD Trucks MTS75D (Optional: UD Trucks MPR90A)		UD Trucks MRT25B		
Type	7-speed manual (9-speed manual)		12-speed manual		
Final Ratio	6.166 (4.875)		4.875		
Tire	295/80R22.5				
Max. Speed	(km/h)	102 (109)	101		
Max. Gradeability	(tanθat GVW 33,000 kg)	0.408 (0.508)	0.670		
Clutch	Dry single plate, 430 mm diameter hydraulically operated				
Fuel Tank Capacity	(liter)	200 (Optional: 300)			

Dimensions and weights are calculated under standard specifications.
The weights include oil, coolant and fuel, exclude tools and spare wheel.



TRANSMISSION

Model		UD TRUCKS MTS75D	UD TRUCKS MPR90A	UD TRUCKS MRT25B	
Type		Seven forward speeds and one reverse, synchromesh on 2nd to 7th gears, constantmesh on 1st and reverse gears	Nine forward speeds and one reverse, synchromesh on 2nd to 9th and reverse gear, constantmesh on 1st gear	Twelve forward speeds and two reverses, synchromesh on forward gears, constantmesh on reverse gears	
Gear Ratios				(LOW)	(HIGH)
	1st	6.710	10.164	10.278	8.336
	2nd	4.442	6.582	6.298	5.108
	3rd	2.458	4.673	3.649	2.959
	4th	1.459	3.388	2.236	1.813
	5th	1.000	2.544	1.464	1.187
	6th	0.758	1.942	1.000	0.811
	7th	0.633	1.379	-	-
	8th	-	1.000	-	-
	9th	-	0.751	-	-
	Rev.	6.710	10.164	9.160	7.429
Gear Shift		Mechanical remote control with power assistance			

FINAL RATIO

Transmission Model	UD TRUCKS MTS75D	UD TRUCKS MPR90A	UD TRUCKS MRT25B
Final Ratio by Transmission	6.166*	4.875*	4.875*
*Standard Ratio	6.500	5.143	-

PTO

Transmission Model	UD TRUCKS MTS75D	UD TRUCKS MPR90A	UD TRUCKS MRT25B
Output Torque	490 Nm		
Reduction Ratio	1.118	1.071	L: 1.189 H: 0.965

Above PTOs are not available for mixer models

FEATURES

Item		CW 33 370 / CW 33 410	Notes
Cabin Interior	Power Windows	Standard	For both driver and assistant seat
	Cigarette Lighter	Standard	24 v type
	Curtain Rail (Bed Room only)	Standard	
	Curtain	Optional	
	Carpet (Cloth)	Optional	Standard spec is Vinyl
	Center Console Box	Optional	Limited for 2 passengers
	Center Seat	Optional	For 3 passengers
	Driver's Seat - Air Suspension	Optional	
	Sunvisor for Assistant Seat	Optional	Driver's seat sunvisor is included in standard
	Center Door Lock	Optional	
	Air Conditioner	Optional	
	Radio	Optional	
	Radio and CD Player	Optional	
	Speed Limiter	Optional	Three versions: 80 km/h, 90 km/h, 100 km/h
	Tachograph	Optional	
	Fire Extinguisher	Optional	
Cabin Exterior	Fog Lamp	Standard	White color light
	Rotary Beacon Lamp	Optional	Yellow color light
	Radiator Protector	Optional	Front under cover
	Rear View Combination Mirrors	Optional	
Chassis	Fuel Tank Capacity 300-liter	Optional	Main tank 300-liter
	Fuel Tank Cap with Key	Optional	
	Tire Inflator	Optional	

Specifications and options may differ depending on each country due to regulations or special requirements.
Dimensions and devices may be changed without prior notice. Please contact your nearest UD Trucks dealer for further details.