

## specifications

Max. Traction Force	3,500KG
Operating Weight	3,800KG
Bucket Standard	0.5m <sup>3</sup>
Bucket Option	0.7m <sup>3</sup>
Lift Capacity(Rated Load)	1,600KG
Static Tipping Load At Full Turn	3,600KG
Min, Turning Radius Outside Bucket	4,338mm
Min Turning Radius Outside Rear Wheel	3,904mm
Max Breakout force	3,650KG

## Dimensions

Length (Bucket on ground)	4,950mm
Height	2,600mm
Width outside tyres	1,850mm
Bucket Width	1,750mm
Max. Dump Height	2,900mm
Front wheel to bucket edge	970mm
Wheelbase	2,000mm
Wheel Centres	1,450mm

## Steering System

Type	Full-hydraulic articulated
Cylinder bore /rod/stroke	steering
Steering Orbital	63*35*225mm
Steering Angle	LK E250
Working Pressure	35°
	2030Psi

## Engine

Engine Make	Yanmar
Model	4TNV94L
Rated Power	36.8Kw
Rated RPM	2300rpm
Max. Torque	157Nm
Displacement	2.54L
Cylinders	4
Optional Engine	

## Hydraulics

Boom Cylinder Cylinder bore x piston rod	80*45*491mm
Diameter x stroke	
Bucket Cylinder Cylinder bore x piston rod	100*55*322mm
Diameter x stroke	
Pump Type	Gear driven
Pump Flow	40L/min
Pump Pressure	2320PSI
Lifting time (Max Load)	5.7s
Lowering time (Empty)	3.0s
Dumping time (Empty)	1.0s



## Transmission

Torque Convertor	Type	Single phase, hydraulic convertor		
	Torque Ratio	3.13		
Travel Speed	Speeds	Forward 1	0-10km/h	
		Forward 2	25km/h	
		Forward 3		
		Forward 4		
		Reverse1	0-10km/h	
	Reverse2	0-25km/h		
Transmission	Shift	Forward2/Reverse		
		Forward 1	2.16	
	Forward 2	0.77		
	Forward 3			
	Forward 4			
	Reverse1	2.21		
	Reverse2	0.785		
	Reverse3			
	Main Drive	Pump Type	Gear driven	
		Type	Single stage, spiral bevel gear	
Final Drive	Gear Ratio	5.83		
	Type	Single stage, planetary shift		
Driving Axle & Tyres	Gear Ratio	3.23		
	Type	4WD		
Brake System	Tyre size	23.5/70-16		
	Optional Tyre size			
	Service Brake Type	Air over hydraulic disc brakes		
	Parking Brake	Manual		

## Service Fill Capacities

Fuel Capacity	84L
Hydraulic Oil Capacity	65L
Engine Oil capacity	7.5L
Transmission Oil Capacity	18L
Main Drive Oil Capacity	6L
Final Drive Oil Capacity	2.3L
Brake Fluid Capacity	0.7L

