



Truck technical specifications

M 3840 C

Mark and type of engine	YUCHAI YC6K1248-50														
Cylinder Qty.	6														
Engine power (kW)	340 kW at 1900 rpm														
Engine torque (N.m)	2230 N.m at 1300 rpm														
Displacement (cc)	12.155														
Volumetric compression ratio	1:16.5														
Fuel feed	Common rail														
Fuel type	Diesel (gas oil)														
Emission standard	Euro 5														
Net mass (kg)	12080														
Technically permissible maximum laden mass of the combination	32000(kg)														
Technically permissible maximum mass on axle (1&2)(kg)	7000														
Technically permissible maximum mass on axle (2)(kg)	11000														
Technically permissible maximum mass on axle (3)(kg)	11000														
Axle	Fang sheng(Equipped with Differential lock & Inter axle Differential lock)														
Final drive ratio	4.266														
No. of axles	4 (Two steerable axles)														
No. of powered axles	2														
No. of seat	2														
Body type	BA														
Transmission & Number of gears	(Synchronized gearbox)(2+12 gear)12JSDX240K Fast Gear														
	Reverse-2	Reverse-1	12	11	10	9	8	7	6	5	4	3	2	1	gear
	14.852	3.329	1	1.28	1.64	2.104	2.776	3.5	4.46	5.726	7.33	9.386	12.385	15.615	Gear ratio
clutch	Dry single plate with diaphragm spring														
Length-width-height(mm)	3285-2550-11870														
Tire size	315/80R22.5														
Rim size	9.00x22.5														
Chassis type	Ladder double layer														
Maximum speed	85														
Braking and stability	ABS(Anti-lock Braking System)-ESP(Electronic Stability Program)-EBS-AEBS(Electronic Braking System & Advanced Emergency Braking System)-EVB (Engine exhaust valve brake system)ASR(Acceleration Skid Regulation)														
Suspension	Front: Parabolic multi leaf spring equipped with hydraulic telescopic shock absorber Rear: Multi leaf spring														
Tank capacity(lit)	2x 550														
Alternator specification	AC generator24V/90A														
Cabin equipment	All-steel cabin with Air suspension system- Pneumatic adjustable seats- Electric window lifter mirror heater- With monitor-tachograph and on-board heater- Equipped with a digital odometer														
Amount of fuel consumption diesel cars (gr/ kwh)	198/1														
Other features	LDWS (Lane Departure Warning System)FCW(Forward Collision Warning)-vSDA(Advanced Driver Assistance Systems)														