



HOWO

HOWO LIGHT DUTY TRUCKS

SINOTRUK



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SINOTRUK

	LDT 5,4 TON GVM	LDT 8,5 TON GVM
Model code	ZZ1047D3414C1R45	ZZ1087D3815C1R
ENGINE		
Manufacture	YUCHAI	YUCHAI
Model	JE493, Euro II emission standard. 4-stroke direct injection diesel engine. 4-cylinder in-line with water cooling, turbo-charging and intercooling	CY4102BZLQ, Euro II emission standard. 4-stroke direct injection diesel engine. 4-cylinder in-line with water cooling, turbo-charging and intercooling
Maximum output	102 HP (75 Kw) @ 3 600 rpm according to DIN	120 HP (88 Kw) @ 2 800 rpm according to DIN
Maximum torque	220 Nm @ 2 000 rpm	392 Nm @ 1 600 -1 800 rpm
Number of cylinder	4	4
Displacement	2.771L	3.856L
Bore	93 mm	102 mm
Stroke	102 mm	118 mm
Compression ratio	18.2hp/L	17hp/L
CLUTCH		
Type	Single plate dry diaphragm spring clutch	Single plate dry diaphragm spring clutch
Diameter	380 mm	380 mm
Operation	Hydraulically operating	Hydraulically operating
TRANSMISSION		
Make	WLY Transmission, model WLY6T100	WLY Transmission, model WLY6T46
Ratio	Synchromesh, 6 forward & 1 reverse	Synchromesh, 6 forward & 1 reverse
AXLES		
Front	Forging forming of front axle I-beam, to guarantee the stiffness and high strength, 2T	Forging forming of front axle I-beam, to guarantee the stiffness and high strength, 2.4T
Rear	Mature punching welding axle and pressed axle housing, 3.5T Ratio: 5.571	Mature punching welding axle and pressed axle housing, 7.2T Ratio: 5.833
CHASSIS		
Frame	Ladder frame with section of 170X 60 X 6 mm , all cold riveted cross members	Ladder frame with section of 215X 70 X 6 mm , all cold riveted cross members
Front suspension	11 leaf springs, shock absorbers and stabilizer	9 leaf springs, shock absorbers and stabilizer
Rear suspension	7 main leaf springs + 9 leaf springs	9 main leaf springs + 12 leaf springs
Spare wheel carrier	With one spare wheel	With one spare wheel
Fuel tank	120 L	120 L
STEERING		
Hydraulic steering	With power assistance	With power assistance
Ratio	18.85: 1	18.85: 1
BRAKES		
Service brake:	Dual circuit compressed air brake	Dual circuit compressed air brake
Parking Brake (emergency brake)	Spring energy, compressed air operating on rear wheels (optional)	Spring energy, compressed air operating on rear wheels (optional)
WHEEL & TYRES		
Tyres	7.00R16 TUBE	7.50R16 TUBE
DRIVER'S CAB		
Features	Single cab ,45°hydraulically tilt able to the front, 2-arm windscreen wiper system with three speeds, adjustable driver's seat, with heating and ventilation system, interior double sun visor, sunroof, radio and USB interface, safety belts, adjustable steering wheel, horn.	Single cab with one sleeper,45°hydraulically tilt able to the front, 2-arm windscreen wiper system with three speeds, adjustable driver's seat, with heating and ventilation system, interior double sun visor, sunroof, radio and USB interface, safety belts, adjustable steering wheel, horn.
ELECTRICS		
Operating voltage	24V, negative grounded	24V, negative grounded
Starter	24V, 3.6KW	24V, 3.6KW
Battery	24V, 120Ah	24V, 120Ah
INSTRUMENT PANEL		
Features	Active central controller with indicators, integrating daily check on-board. Combined indicators of compressed air pressure, coolant temperature, engine oil pressure, etc.	Active central controller with indicators, integrating daily check on-board. Combined indicators of compressed air pressure, coolant temperature, engine oil pressure, etc.
DIMENSIONS IN MM		
Wheelbase	3 360	3 800
Front wheel track	1 605	1 605
Rear wheel track	1 540	1 540
Front overhang	1 160	1 160
Rear overhang	1 375	1 850
Approach angle	20°	18°
Departure angle	18°	20°
WEIGHT IN KG		
Payload & body allowance (estimate)	3 000	5 000
Tare weight	2 430	3 495
Gross vehicle weight	5 430	8 495
PERFORMANCE		
Maximum speed	96 km/h	113 km/h
Maximum grade ability	35%	35%
Minimum ground clearance	210 mm	210 mm

Weights, dimensions and features are given for reference and may be modified according to the choice of certain options. The manufacturer reserves the right to modify the above specifications without prior notification.

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	LDT 12 TON GVM	LDT 16 TON GVM
Model code	ZZ1107G4515C1R	ZZ1167G4715C1R
ENGINE		
Manufacture	YUCHAI	YUCHAI
Model	YC4E140-33, Euro II emission standard. 4-stroke direct injection diesel engine. 4-cylinder in-line with water cooling, turbo-charging and intercooling	YC4E160-33, Euro II emission standard. 4-stroke direct injection diesel engine. 4-cylinder in-line with water cooling, turbo-charging and intercooling
Maximum output	160 HP (105 Kw) @ 2800 rpm according to DIN	160 HP (118 Kw) @ 2 600 rpm according to DIN
Maximum torque	600 Nm @ 1200 - 1600 rpm	600 Nm @ 1 200 - 1 600 rpm
Number of cylinder	4	4
Displacement	4.26L	4.257L
Bore	110 mm	110 mm
Stroke	112 mm	112 mm
Compression ratio	17.2hp/L	17.2 hp/L
CLUTCH		
Type	Single plate dry diaphragm spring clutch	Single plate dry diaphragm spring clutch
Diameter	380 mm	380 mm
Operation	Hydraulically operating	Hydraulically operating
TRANSMISSION		
Make	WLY Transmission, model WLY6T51	DC6J65TC
Ratio	Synchromesh, 6 forward & 1 reverse	Synchromesh, 6 forward & 1 reverse
AXLES		
Front	Forging forming of front axle I-beam, to guarantee the stiffness and high strength, 3.2T	Forging forming of front axle I-beam, to guarantee the stiffness and high strength, 3.6T
Rear	Mature punching welding axle and pressed axle housing, 8T Ratio: 5.571	Mature punching welding axle and pressed axle housing, 10.5TRatio: 5.571
CHASSIS		
Frame	Ladder frame with section of 195 X 65 X 6 mm , all cold riveted cross members	Ladder frame with section of 195 X 65 X 6 mm , all cold riveted cross members
Front suspension	9 Leaf springs, shock absorbers and stabilizer	9 Leaf springs, shock absorbers and stabilizer
Rear suspension	12 Main leaf springs + 9 leaf springs	12 Main leaf springs + 9 leaf springs
Spare wheel carrier	With one spare wheel	With one spare wheel
Fuel tank	220 L	220 L
STEERING		
Hydraulic steering	With power assistance	With power assistance
Ratio	18.85: 1	18.85: 1
BRAKES		
Service brake:	Dual circuit compressed air brake	Dual circuit compressed air brake
Parking Brake (emergency brake)	Spring energy, compressed air operating on rear wheels (optional)	Spring energy, compressed air operating on rear wheels (optional)
WHEEL & TYRES		
Tyres	8.25R20 TUBE	8.25R20 TUBE
DRIVER'S CAB		
Features	Single cab with one sleeper,45°hydraulically tilt able to the front, 2-arm windscreen wiper system with three speeds, adjustable driver's seat, with heating and ventilation system, interior double sun visor, sunroof, radio and USB interface, safety belts, adjustable steering wheel, horn.	Single cab with one sleeper, 45°hydraulically tilt able to the front, 2-arm windscreen wiper system with three speeds, adjustable driver's seat, with heating and ventilation system, interior double sun visor, sunroof, radio and USB interface, safety belts, adjustable steering wheel, horn.
ELECTRICS		
Operating voltage	24V, negative grounded	24V, negative grounded
Starter	24V, 3.6KW	24V, 3.6KW
Battery	24V, 120Ah	24V, 120Ah
INSTRUMENT PANEL		
Features	Active central controller with indicators, integrating daily check on-board. Combined indicators of compressed air pressure, coolant temperature, engine oil pressure, etc.	Active central controller with indicators, integrating daily check on-board.Combined indicators of compressed air pressure, coolant temperature, engine oil pressure, etc.
DIMENSIONS IN MM		
Wheelbase	4 500	4 700
Front wheel track	1 798	1 886
Rear wheel track	1 764	1 845
Front overhang	1 240	1 240
Rear overhang	2 255	2 505
Approach angle	27°	27°
Departure angle	20°	20°
WEIGHT IN KG		
Payload & body allowance (estimate)	8 000	9 350
Tare weight	4 745	6 650
Gross vehicle weight	12 000	16 000
PERFORMANCE		
Maximum speed	95 km/h	95 km/h
Maximum grade ability	25%	25%
Minimum ground clearance	210 mm	210 mm

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