



Technical Description



ONS CTC Cargo Truck 8x4

ONS CTC Camión de carga 8x4

Cabin	extended cabin, single berth, up/down and front/back adjustable steering wheel, VDO instruments and control module, double-locking safety belt, exterior sun visor	
Engine	213 HP	247 HP
rpm	2200	2200
displacement	9.7	
type	MAN or YUGHAI (EURO 2, 3, 4, 5) six cylinders inline, supercharged intercooler, supercharge postposition, e-control high pressure, common rail	
Clutch	430 diaphragm spring clutch, hydraulic control air assisted	
Transmission	10 gears transmission, main and auxiliary transmission structure, main transmission with double counter shaft, auxiliary transmission with planetary reduction	
Front axle	Rated load of 9t, drum-type	
Drive axle	double reduction, speed ratio: 3.93, 4.42, 4.8	
Suspension	Front and rear leaf spring suspension, front suspension with shock absorber, transverse stabilizer, rear suspension is disconnected type with transverse stabilizer	
Steering system	ZF8098 steering gear, ZF steering oil pump, system pressure 18MPa	
Braking system	Service brake: dual-circuit air pressure brake; parking brake; spring storage energy without air; auxiliary brake: EVB + engine exhaust braking. With ABS and optional auto clearance adjusting arm.	
Electrical system	CAN bus control, voltage: 24V, generator: 1540W, starter: 7.5kW, battery: 12V/165Ah (2x)	
Tyre	12.00R20	
Tank volume	400 litres	
Kerb weight	13040 kg	13420 kg
Gross mass	31000 kg	
Rated load	17830 kg	17450 kg

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External dimensions	length: 11182 mm width: 2496mm height: 3115mm length: 11984 mm width: 2496mm height: 3115mm
Wheelbase	1800mm + 3775mm + 1350mm 1800mm + 4575mm + 1350mm
Front/rear overhang	1500mm
Wheel track front/rear	2022mm/1850mm
Min. ground clearance	314mm
Approach/departure angle	16°
Max. speed	102 km/h
Max. hill holding ability	20%
Min. turning diameter	24m
Container size	length: 8480mm width: 2326mm height: 600mm length: 9280mm width: 2326mm height: 600mm
Container Volume	11.8m ³ 13m ³
Optional container sideboard height	800mm 15.7m ³ 17.2m ³

Notice:

1. Parameters in the table are theoretical reference data when the truck is running or working in good road conditions. Actual data are subject to practical working environment of the truck and the driver's operation.
2. Due to product improvement and technical progress, our company reserves the right to modify the parameters at all times without prior notice.

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