



Technical Description



ONS A-8 Tractor 6x4

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Cabin	High roof cabin, double berth, up/down and front/back adjustable steering wheel, VDO instruments and control module, double-locking safety belt, exterior sun visor
Engine	213 HP or 273HP
rpm	2200
displacement	9.7
type	MAN or YUGHAI (EURO 2, 3, 4, 5)
	six cylinders inline, supercharged intercooler, supercharge postposition
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 – synchronizer optional
Front axle	Rated load of 7t, drum-type
Rear drive axle	ST16 double reduction (speed ratio 3.93; 4.42; 4.8)
Suspension	Front and rear leaf spring suspension + shock absorber + 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	315/80R22.5; 12.00R20
Tank volume	400 litres – 260 litres auxiliary fuel tank can be added
Kerb weight	9210 kg
Gross mass	25000 kg
Authorized max. towed mass	32400 kg 39600 kg
Permissible fifth wheel load	15660 kg

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Legal Domicile: Buxtehude/Germany – UST-IdNr. DE254535525 – HRA 121103



External dimensions	length: 6800 mm width: 2496mm height: 3563mm
Wheelbase	3200mm + 1350mm
Front/rear overhang	1500mm/725mm
Wheel track front/rear	2022mm/1850mm
Min. ground clearance	314mm
Approach/departure angle	16°/70°
Max. speed	102 km/h
Max. parking slope	20%
Min. turning diameter	15m
Fifth wheel joint face ground clearance (unload)	1390mm
Front/rear turning radius	2600mm/2100mm
Traction pin specification	50# (2 inch)

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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