



Technical Description



Cabin	High floor & high roof, four points suspension, air suspension + shock absorber + transverse stabilizer, double berth, air suspension driver seat, up/down and front/back adjustable steering wheel, BEHR Euro-type new-style integral a/c heater fan, VDO instruments, CAN bus and electronics control system, double-locking safety belt, electric lifting glass and rear view mirror, three locks combined in one, exterior sun visor, upper/side deflector guide, electronic manual accelerator
Engine rpm displacement type	249 HP or 279HP 1900 2000 9.7 11.6 MAN or YUGHAI (EURO 2, 3, 4, 5) six cylinders inline, supercharge intercooler, mid-supercharger, e-control high pressure and 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 – synchronizer optional
Front axle	Rated load of 7t, disc-type or 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: 2240W, starter: 7.5kW, battery: 12V/165Ah (2x)
Tyre	315/80R22.5; 12.00R20
Tank volume	400 litres – optional 600 litres
Kerb weight	6800 kg
Gross mass	18000 kg
Authorized max. towed mass	35000 kg
Permissible fifth wheel load	11070 kg

ON'S Industry Germany Holding Ltd. & Co.KG®

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Management: INDO Ltd. – Managing Director: Dipl. Betriebswirt Oliver Otto

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



External dimensions	length: 6160 mm width: 2496mm height: 3850mm
Wheelbase	3500mm
Front/rear overhang	1540mm/1120mm
Wheel track front/rear	2022mm/1830mm
Min. ground clearance	314mm
Approach/departure angle	16°
Max. speed	100 km/h
Max. parking slope	20%
Min. turning diameter	14m
Fifth wheel joint face ground clearance (unload)	1325mm
Front/rear turning radius	1950mm/1860mm
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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