



Technical Description



ONS GPA Tipper 8x4

ONS GPA Volquete 8x4

Cabin	Standard cabin, no berth, up/down and front/back adjustable steering wheel, VDO instruments and control module, double-locking safety belt, exterior sun visor	
Engine	249 HP	or 279HP
rpm	1900	2000
displacement	9.7	9.7
type	MAN or YUGHAI (EURO 2, 3, 4, 5) six cylinders inline, supercharged intercooler, supercharge postposition, e-control, common rail	
Clutch	430 diaphragm spring clutch, hydraulic control air assisted, PTO	
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 (central reduction + wheel reduction), speed ratio: 5.73, 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: 2240W, starter: 7.5kW, battery: 12V/165Ah (2x)	
Tyre	12.00R20	
Tank volume	300 litres	
Kerb weight	14830 kg	15200 kg
Gross mass	31000 kg	
Rated load	16040 kg	15670 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: 9445mm width: 2496mm height: 3237mm length: 10245mm width: 2496mm height: 3450mm
Wheelbase	1800mm + 3000mm + 1350mm 1800mm + 3500mm + 1350mm
Front/rear overhang	1795mm/750mm 2095mm/935mm
Wheel track front/rear	2041mm/1830mm
Min. ground clearance	314mm
Approach/departure angle	19°
Max. speed	83 km/h
Max. parking slope	20%
Min. turning diameter	24m
Container size	length: 6500 mm width: 2300mm height: 1200mm length: 7300 mm width: 2300mm height: 1200mm
Container Volume	17.9m ³ 20.1m ³
Optional container sideboard height	1500mm (22.4m ³ /25.1m 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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