

Engine and gearbox

Engine	VW four-cylinder turbo diesel, according to Euro VI
Displacement/output	2.970 cm ³ / 80 kW (109 HP) @ 2,600 RPM
Max. torque	420 Nm @ 1,100 RPM

Working characteristics

Working hydraulics	tipper hydraulics for three-way tipper	powerful standard hydraulics with 1 circuit – front or rear – gear pump, 55 l/min, 200 bar lifting/swivelling function for front attachments	Load-Sensing hydraulics with 2 circuits – 1 at the front and 1 at the rear – axial piston pump (variable displacement), 0 ... 110 l/min front, 0 ... 70 l/min rear, 200/300 bar lifting/swivelling function for front attachments
Hydraulic options	lifting/swiveling function for front attachments	2 circuits – 1 at the front and 1 at the rear – dual gear pump, 2 x 55 l/min, 200 bar summation circuit (2 circuits into 1 circuit) road-dependent gritting via the vehicle hydraulics, additional control functions	road-dependent gritting via the vehicle hydraulics, additional control functions

Attachment connection front, optional	front lift with coupling triangle or attachment plate
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Attachment connection rear	tipper or tipping bearings, rear attachments
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Drive and steering

Drive	Sinfininitely variable hydrostatic drive, electronically controlled, with two drive modes switchable under load
Drive options	driver-engaged all-wheel drive, differential lock at the rear, mechanical crawler gear
Speed in transport mode	0–62 km/h, infinitely variable
Speed in work mode	0–25 km/h, infinitely variable
Steering	front wheel steering; optional all-wheel steering
Tank capacity	67 litres
Braking system	hydraulic dual-circuit braking system, disc brakes front/rear, Hydrostat-ABS acting on all four wheels; mechanical parking brake acting on the rear axle

Load values

Permissible gross vehicle weight	6.0 t
Unladen weight*	from 2.8 t (implement carrier, depending on the equipment)
Payload**	up to 3.2 t (implement carrier, depending on the equipment)

Driving characteristics

Chassis	comfortably sprung chassis with coil springs, hydraulic vibration dampers and additional rubber springs	
Frame	welded lead frame; cranked and tilted at the front of the vehicle to allow comfortable access to the cabin	welded lead frame; cranked and tilted at the front of the vehicle to allow comfortable access to the cabin; suction hose feedthrough possible (central suction, e.g. mowing-suction combi device)
Axles	rigid axles, linked to the trailing arms and the Panhard rod at the front, and to the V-arms and trailing arms at the rear; stabiliser at the rear	
Front axle	steering axle, optional steering drive axle	
Rear axle	drive axle, optional steering drive axle, differential lock optionally available	
Tyres	225/75 R16 C M+S	

Cabin space-frame comfort cabin with high-strength profiles and plastic panelling, heated windscreen optionally available

* without optional extras or additional attachments/superstructures

** Optional equipment and attachments/superstructures reduce the payload

Shape, colour and design are subject to change in favour of further technical development.

Pictures may show optional extras.

Dimensions according to EU Traffic Regulations No. 1230/2012, depending on the equipment.