

Engine and gearbox

Engine VW four-cylinder turbo diesel, according to Euro VI

Displacement/output 2,970 cm³ / 80 kW (109 HP) @ 2,600 RPM

Max. torque 420 Nm at 1,100 RPM

Working characteristics

Working hydraulics	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 circuit each front and rear – axial piston pump (variable displacement), 0 ... 110 l/min front, 0 ... 70 l/min rear, 200/300 bar – gear pump for control functions lifting/swivelling function for front attachments
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Hydraulic options a.o.	2 working circuits – 1 circuit each front and rear – tandem gear pump, 2 x 55 l/min, 200 bar summation circuit (max. up to 110 l/min front or 70 l/min rear) path-dependent spreading via vehicle hydraulics, further control functions	path-dependent spreading via vehicle hydraulics, further control functions
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Implement mount front, optional	front lift with attachment triangle, attachment plate M29 or DIN F4 equipment plate
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Implement mount rear	on tipper or tipping bearings, rear attachments
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Drive and control

Drive	continuously variable hydrostatic drive, electronically controlled, with two driving speeds switchable under load
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Drive options	selectable all-wheel drive, differential lock at the rear, mechanical crawler gear
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Speed in transport mode	0–62 km/h, infinitely variable
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Speed in working mode	0–25 km/h, infinitely variable
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Steering	front wheel steering; optional all-wheel steering
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Fuel tank capacity	67 litres
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Brake	hydraulic dual-circuit braking system, disc brakes front/rear, Hydrostat-ABS acting on all four wheels; mechanical parking brake acting on the rear axle
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Load values

GVW	6.0 t
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Unladen weight*	from 2.85 t (implement carrier, depending on the equipment)
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Payload**	up to 3.15 t (implement carrier, depending on the equipment)
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Driving characteristics

Chassis	comfortable suspension with coil springs, hydraulic vibration dampers and additional rubber springs
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Frame	welded ladder frame; cranked and inclined at the front for easy access; possibility of feeding through a suction hose (central suction, e.g. mower-suction combi)
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Axles	rigid axles, guided at the front on trailing arms and Panhard rod, rear guided by triangular and longitudinal links, stabiliser at the rear
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Front axle	steering axle, optional steering drive axle
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Rear axle	drive axle, optional steering drive axle, optional with engageable differential lock
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Tyres	225/75 R16 C
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Cabin	space-frame full-comfort cabin with high-strength profiles and plastic panelling, heated windscreen optionally available
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* 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.