

AMS UNDERGROUND LDV

2-Door & 4-Door Underground Bakkies

Underground service and support vehicles with project-specific cab and load-body configurations.



2-door configuration visual. The four-door configuration receives its own agreed dimensions, mass and ratings.

Engineering & project enquiries

Juan Gelderblom

BEng Mining | BEng (Hons) Mechatronics

066 229 3300 | juan@africanhosesolutions.co.za

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B-BBEE: Level 2

Base vehicle dimensions

Technical specification

Characteristic	Specification
Overall length	4,768 mm
Overall width	1,772 mm
Overall height	1,450 mm
Wheelbase	2,871 mm
Approach angle	44°
Departure angle	25°
Ground clearance	186 mm
Turning circle	12 m

Base vehicle dimensions. Cab, load-body, canopy and 4-door configurations are specified individually; the base figures are not a rating for every body option.

Engine & transmission

Technical specification

Characteristic	Specification
Base engine	4-cylinder naturally aspirated diesel
Engine displacement / model	3.3 L / B3.3
Rated output	48 kW at 2,600 rpm
Maximum torque	214 Nm at 1,600 rpm
Engine option	75 kW turbocharged diesel
Transmission	Automatic powershift
Forward / reverse ratio	1.04:1 / 1.04:1
Transfer case	2-speed
Transfer ratios	1.0487:1 / 5.9368:1

Axles, suspension & braking

Technical specification

Characteristic	Specification
Front axle	P152 steering axle
Rear axle	P141 rigid axle
Axle component rating, dynamic	3,500 kg
Axle component rating, static	7,000 kg
Steering	Hydraulically assisted, balanced cylinder
Suspension	Leaf springs with shock absorbers
Tyres	27 × 8.5-15 skid-steer type
Rims	15-inch steel
Rear brakes	Enclosed oil-immersed failsafe and service
Front brakes, standard	Service braking
Front failsafe braking	Optional configuration

Vehicle ratings & operating configuration

Technical specification

Characteristic	Specification
Base gross vehicle mass rating	4,385 kg
Rear load capacity, base configuration	2,000 kg
Low-range speed	14-16 km/h
High-range speed	36-42 km/h
High-range lockout	Available
Fuel capacity	60 L diesel
Chassis	Fabricated steel ladder / I-beam construction
Cab	Fabricated steel structure and plating

Rear load capacity is a base configuration rating and is not a universal payload allowance. Final body, seating, axle loading and GVM are confirmed for each completed vehicle.

Lubricants & project options

Technical specification

Characteristic	Specification
Engine oil	SAE 15W-40 multigrade
Brake system oil	ATF DX3
Transmission oil	ATF DX3
Transfer case / axle oil	SAE 85W-140 GL-5 LS
Mine lighting	Project-specific configuration
Fire protection	Optional system integration
Pedestrian detection	Optional system integration
Engine management	Optional integration
ROPS/FOPS & site compliance	Specified and verified for the final vehicle configuration

Final project specification

The agreed quotation defines the final build, options, mass, dimensions, operating limits and required site documentation. Component ratings are not complete-machine or vehicle ratings. Confirm the configuration for the intended operating environment.

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