

DINGO 2 / DINGO 3

Protected Wheeled Vehicles

KNDS



/ Versatile and highly mobile

Originally designed exclusively as a patrol vehicle, today's DINGO 2 is used for a wide range of tasks. Built on the two-axle Unimog chassis, the series now comprises seven models with extremely varied bodies and mission equipment that all have two things in common – excellent protection for the crew and outstanding vehicle mobility.

The DINGO 2 was handed over to its users as a patrol and recovery vehicle in 2005 as a successor to the DINGO 1, which was put into service 2000. It has been developed continuously since then, improving the performance of the chassis and the versatility of the protected body. The new DINGO 3 ushers in the next generation of the armoured DINGO family.

Key Facts

Mobility:

In this configuration, the 6-cylinder diesel engine delivers a performance of up to 260 kW/354 hp at 1,300 Nm. The DINGO 3 provides the familiar off-road capability and mobility, despite the higher gross vehicle weight of up to 20 tons.

Protection:

The DINGO is considered the safest and best-protected wheeled vehicle in its class. Its innovative safety concept offers its passengers the highest possible protection against anti-tank and anti-personnel mines, IEDs, small arms and fragments from artillery and mortar ammunition. In addition, like all DINGO vehicles, the DINGO 3 comes equipped with a protection kit against NBC weapons.

Versatility:

The new DINGO 3 boasts a 4x4 chassis configuration – or even 6x6 for tasks requiring a higher payload. The protected safety cells can also be adapted to suit the needs of the customer. Configured as a 6x6 troop carrier, the DINGO 3 has space for up to 12 crew members plus equipment.

Logistics:

Designed as an ultra-modern wheeled vehicle, the DINGO 3 is not only well prepared for a variety of mission profiles and extreme terrain, but also for a cost-effective long service life. Its basis is a militarised Unimog chassis. Besides excellent spare part logistics and the versatility of the chassis components, another benefit is the low workload for training and instruction of drivers and mechanics.

Interoperability:

The tactical and logistical interoperability is yet another advantage of the DINGO. Seven nations already possess a fleet of over 1,000 vehicles. It is therefore highly probable that users will encounter the KNDS vehicle in the field.



/ General Performance Data

DINGO 2 4x4



DINGO 3 4x4



DINGO 3 6x6



Chassis	Mercedes-Benz Unimog FGA 13 4x4	Mercedes-Benz Unimog FGA 14.5 4x4	Mercedes-Benz Unimog FGA 20 6x6
Dimensions¹ (l x w x h)	6,300 x 2,390 x 2,550mm	6,600 x 2,390 x 2,850mm	8,050 x 2,390 x 3,000mm
Gross vehicle weight	13,100kg	14,500kg	20,000kg
Engine performance	163kW	240kW	up to 260kW
Drivetrain	4-cyl. turbodiesel engine / electric actuated shifting (EAS) with 8 forward & 6 reverse gears / 4WD selectable	6-cyl. turbodiesel engine / 6-gear automatic / transfer case with gear reduction and differential locks / 4WD permanent	portal axles with selectable differential locks
Central tire inflation system	4-channel (manual)	4-channel (automatic)	6-channel (automatic)
Turning circle diameter	16.5m	16.5m	< 17m
Maximum speed	100km/h	100km/h	100km/h
Climbing ability	60%	60%	60%
Max. lateral tilt angle	30%	30%	30%
Fording	1,200mm	1,200mm	1,200mm
Electrical power	5.6kW	11.2kW	11.2kW
Cooling power	9.5kW	16kW	16kW
Air transportability¹	C130, C17, A400M	C17, A400M	C17, A400M
Protection²	ballistic / mine / IED- / NBC-protection / run-flat combat wheels		
Protected volume¹	up to 11m ³	up to 13m ³	up to 17m ³
Crew¹	up to 8 people	up to 8 people	up to 12 people
Vehicle variants^{1,2}	ambulance / border reconnaissance / CBRN-reconnaissance / command post / EOD / ground-surveillance radar / maintenance vehicle / operational communication / optical reconnaissance / patrol vehicle / reconnaissance / recovery vehicle / troop transporter		

¹depending on variant, ²customer specific

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