

The Springback Armoured Personnel Carrier (APC) range from DCD Protected Mobility is already delivering on its immense potential on the African continent.



## POWER & ADAPTABILITY

The permanent 4 x 4 Springback HD features a powerful MWM 6 cylinder diesel turbo charged engine and carries a driver and ten personnel. With B6 ballistic protection, the all-steel armoured V-shaped hull is designed to withstand a TM57 landmine directly under the hull, or two under any wheel. The standard configuration can be easily adapted to suit various applications including an ambulance, command and control, border patrol or tactical patrol vehicle. With the addition of turret-mounted weaponry, the vehicle can also be effectively used in combat.



## SPRINGBACK SD

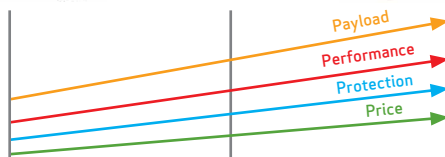
Depending on users' requirements, the Springback is available as a Standard (SD) version, Heavy Duty (HD) version and Xtra Duty (XD) version. The performance, payload and protection increases with each model. The Springback family of vehicles (Springback SD, HD and XD) is ideal for South Africa and the African continent. Peacekeeping missions can strategically benefit from this innovative and affordable concept.

This proven South African-developed ballistic and landmine protected all-terrain vehicle has been built with simplicity, crew comfort and protection, and cost-effectiveness in mind. The Springback delivers on its promises of ease of operation, maintenance and repair, while harnessing internationally available drive-line components for assured performance and parts availability.

The Springback derives its name from the iconic African antelope, known for its toughness and sure-footed dexterity and has been designed around the ergonomics of the driver and crew - specifically for the African market. This makes it ideal for a broad spectrum of security applications.

This family of vehicles is simplistic in design, easy to operate by users, affordable (purchasing costs and life cycle costs) and can be produced in different variants (applications). The concept in design is modular and interior fits can easily be changed.

To ensure that the customer benefits value for money during the useful life of the product, a long-term relationship is formed with the customer. Product support is supplied with professional training, the development of publications (manuals), supply of spares, implementation of Engineering Change Proposals (ECPs) and field support close to the customer.



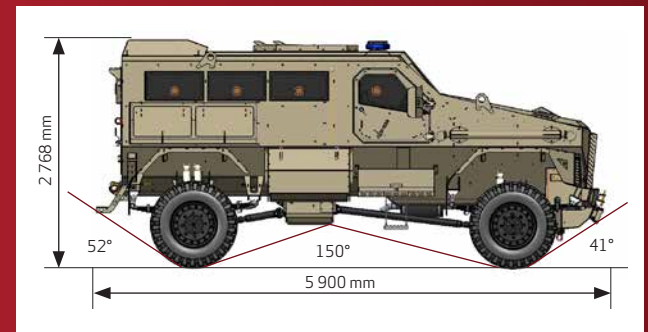
PPP data of DCD PM product range



**DCD** PROTECTED MOBILITY

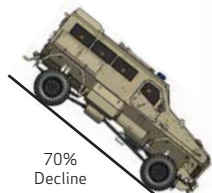
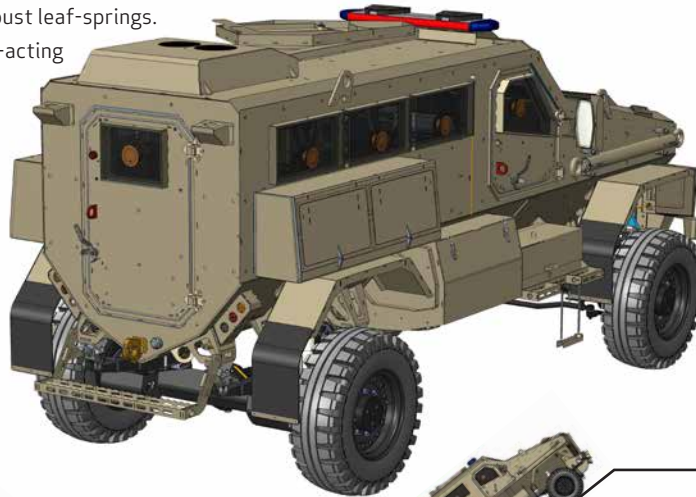
# PROTECTION

- 1 Ballistic Protection**  
En 1522 Level B6 as standard.
- 2 Blast Protection**  
V-shape hull protects crew and driveline.
- 3 Weapon Platform**  
Remote or manual type weapon station.  
Available as an option.
- 4 Fire Protection**  
Optional Cabin and engine bay AFES.  
Automatic or manual activation.



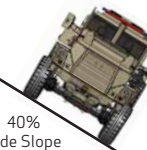
# MOBILITY

- 1 Recovery**  
Front and rear tow points.  
Steel tow bar.  
Optional 18000 lb electric winch.  
Optional A-frame to replace tow bar.
- 2 Suspension**  
Semi-elliptical robust leaf-springs.  
Telescopic double-acting shock-absorbers.
- 3 Transportability**  
One vehicle per 6 m container.  
Lifting points.  
Tie down points.
- 4 Steering**  
Power assisted.



820 mm  
Trench Cross

400 mm  
Step Climb



40%  
Side Slope

# VERSATILITY

- 1 Seating Options**  
Standard 2 + 9 = 11 in total.
- 2 Storage**  
Two large lockable side bins for equipment and spares. Dedicated lockable tool bin including all basic tools and jack.
- 3 Cabin Access**  
Two side doors. One rear door and one roof hatch.
- 4 Maintenance**  
Platform type fenders and bumper provide easy access to engine bay.
- 5 Multi-role**  
Lights, PA systems, smoke launchers and various other optional sub-systems allow the Springback to be used in a variety of roles.

## Mass

**Curb Weight:**  
19 840 lb (9 000 kg)

**Payload:**  
3 300 lb (1 500 kg)

**GVR:**  
23 148 lb (10 500 kg)

## Performance

**Max Speed:**  
68 mph (110 km/h)

**Max Acceleration:**  
0-37 mph (0-60km/h) 20 sec

**Power to Weight Ratio:**  
13.7 kw/ton at GVWR

**Max Gradient:**  
32° (70%)

**Max Side Slope:**  
22° (40%)

**Range:**  
372 mi (600 km)

**Operating Temp:**  
17° F (-8° C) to 120° F (49° C)

**Width:**  
2 360 mm

**Ground Clearance:**  
385 mm

**Turning Circle:**  
19 m

## Powertrain

**Engine:**  
MWM 6.10 T, 6 450 cm<sup>3</sup>

6 cylinder turbo diesel  
194 hp (144 kW) 466 lb-ft  
(632 Nm)

**Transmission:**  
Allison 2500SP 5 speed auto

**Transfer Case:**  
2 speed for high and low range

**Axles:**  
Solid axles with front wheel  
steer  
Option of CTIS

## Brakes

Pneumatic dual circuit  
Disc brakes all round  
ABS

## Electrical

24 V / 80 A alternator

## Wheels

365/85R20 with steel rims  
3 piece run flat inserts as  
standard

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