

A front-three-quarter view of a dark-colored Jankel Hunter Protected Patrol Vehicle. The vehicle features a large, rectangular windshield with two wipers, a blue emergency light bar on the roof, and a heavy-duty front bumper with integrated headlights and fog lights. The vehicle is parked on a paved surface with a grassy area in the background.

JANKEL

PROTECTION IS EVERYTHING

HUNTER

PROTECTED PATROL VEHICLE

HUNTER PPV

Features & Benefits

Jankel are specialists in the design, development and manufacture of defence and security vehicles and armour systems based on commercially available Toyota 4x4 platforms.

The Hunter Protected Patrol Vehicle (PPV) was conceived in response to a wide range of requirements from defence and security force commanders for a multirole protected vehicle for internal security, escort, counter-terrorism and patrol missions.

Hunter builds on the strengths of Jankel's proven FOX family of 4x4 light tactical vehicles, and is built with modular equipment solutions that enable it to effectively carry out a variety of high-threat operational defence and security roles.



Automotive Specifications

Available in left or right hand drive, key base vehicle features are as follows:

- Dimensions:
Length 5,100mm
Width 1,800mm
Height 2,200mm
- Weights:
GVW 4,800kg, unladen 3,800kg
Payload 1,000kg
- Driving:
Fuel capacity 140litres
Range 1,000km
Cruising speed 120kph
- 5-speed manual gearbox with Hi/Lo transfer case
- Heavy duty front brakes (calipers, discs and pads)
- Heavy duty suspension (springs, dampers, steering damper and anti-roll bars)
- Heavy duty wheels and tyres.

Engine options

The engine options available for Hunter are as follows:

- Petrol, 4.0 Litre, V6 Engine (236 bhp @ 5,200 rpm / 361 Nm @ 4,000 rpm)
- Diesel, 4.5 Litre, V8 Turbocharged and Intercooled Engine (202 bhp @ 3,800 rpm / 430 Nm @ 2,200 rpm).

HUNTER PPV

Armour Protection Specification

The Hunter design incorporates best practices for ballistic and blast protection, including a shaped hull to aid in blast deflection and reduction of welding and blast traps.

PASSENGER COMPARTMENT

The passenger compartment provides ballistic protection against 7.62 x 51mm NATO Ball and all lesser threats to the vertical surfaces and roof at 90° to the material – Level B6 Euronorm standard.

For enhanced body protection, the Hunter PPV can be upgraded to STANAG 4569 Annex A Level 1 (5.56 x 45 mm M193).

UNDERBODY AND FUEL TANK

The floor of the vehicle and the fuel tank provide protection from 2 x DM51 hand grenades as standard.

For enhanced underbody protection, the Hunter PPV can be upgraded to STANAG 4569 Annex B, Level 1.

ENGINE BAY

The engine bay provides ballistic protection including the grille, hood and wings to Euronorm Level B4.

WHEELS

All 5 wheels are fitted with a 50 km runflat system.

GUNPORTS AND PATROL HATCH

The Hunter PPV is fitted with 6 vision blocks and gunports, A protected patrol hatch can be fitted as an option to enable increased situational awareness.

WINDOW PROTECTION GRILLES

All glazings are provided with removable window grilles. The front windscreen has a fold-down grille to enable normal driving.



HUNTER PPV

Body Configuration

The fully armoured steel vehicle body is fabricated by certified welders and attached to up-rated chassis mountings.

- 8 man configuration: two in front, six in rear compartment
- Side facing benches, or individual seating in rear compartment
- Gunports and vision blocks to rear of vehicle
- Protected patrol hatch set into roof of vehicle
- OEM air-conditioning and heating retained, with secondary air-conditioning and heat insulation lining to rear compartment
- Window protection grilles
- Optional internal bulkhead between front and rear compartments.



Electrical Configuration

- High capacity 12 V alternators and high capacity deep-cycle batteries on a dual charging system
- 12 V power outlets to customer specification around vehicle interior
- Map lights and cabin lights with selectable red / white light
- Externally mounted jump starting system
- Military standard Infrared lighting systems and convoy lights
- Full military specification vehicle black-out system
- Installation of incident recording system and communications systems as required
- 24 V system if required
- Remote control searchlights, police lights and siren.



HUNTER TIV

Tactical Intervention Vehicle (TIV)

The Hunter TIV has been designed to provide specialist units with hostage rescue and counter-terrorist assault capabilities.

- The Tactical Intervention System (TIS) fits onto a standard Hunter, and can be removed when not required on operations, providing operational flexibility to the fleet commander
- The Hunter TIV incorporates a hydraulic or manual ladder and ramp system, which draws upon Jankel's market leading experience of designing and manufacturing counter-terrorist assault vehicles (C-TAVs)
- Jankel has developed and supplied C-TAVs for leading security forces worldwide
- The TIS is carried on the Hunter, with a trailer for accessories, enabling rapid transit to the incident site, as well as high-speed set up for deliberate counter-terrorist assault operations.



The Hunter TIV can be configured to enable assault for all types of targets, including:

- Wide bodied aircraft, to include the upper deck of Boeing 747 and Airbus A380 aircraft
- Buildings (up to third storey from pavement)
- Trains, coaches, buses and other targets with single access points
- Ships in port alongside a quay regardless of tide
- Fast rope assault over walls and fences.



HUNTER PPV

Through Life Support

Here at Jankel we are committed to providing a lifetime of support to our vehicles, no matter where they are in the world. Whether it is product handover, servicing or replacement of a part, you can be sure that Jankel will be on-hand to assist - no matter how remote your location.

The after-sales logistics support package is tailored to the individual requirements of each customer.

- Standard engine service consumables are Toyota parts which can be purchased locally
- Servicing can be undertaken by Jankel approved service centres, or by Users' workshops, as required
- Toyota and Jankel workshop manuals and spare parts catalogues are available to assist in part identification on the base chassis and armoured vehicle system
- Jankel consumable items, such as brakes and suspension, are available at competitive prices on an ex-stock basis
- Jankel can deliver maintainer and end user familiarisation training to customers' specific requirements.



Vehicle Repairs

- The Hunter PPV has been designed with a strong focus on low cost and simple vehicle repairs
- The vehicle is based on a commercially available Toyota chassis with repair capability in Toyota service centres worldwide
- Armoured glass is a flat block design which can be changed in hours, with all replacement glazings available ex-stock
- Many parts of the vehicle are stand-alone assemblies which can be supplied as replacement units, for example vision blocks or complete doors.



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