



Armoured Toyota Hilux

Utility / Militarised / Discrete Patrol Vehicles

Jankel specialise in armoured vehicles for humanitarian agencies, government personnel, military operators and law enforcement agencies. High levels of technical excellence and an understanding of user requirements allows Jankel to create armour specifications designed to meet independent validation agency requirements.



The Hilux is a rugged and robust vehicle and offers a low key, discrete appearance for users while offering a high degree of functionality and reliability. Powerful engines, braking and air-conditioning systems along with simplified electrical and mechanical systems and high capacity axles makes the Hilux the ideal base for an armoured utility vehicle.

Base vehicles are sourced with the following specification:

- 3.0 litre Diesel (94 bhp)
- 2.7 litre Petrol (151 bhp)
- 120 litre fuel tanks
- 5 Seating positions with cloth or vinyl trim
- White paint

Armour Installation The vehicle is armoured using proven materials and independently approved installation methods to fully seal the cabin from weapon rounds and fragmentation threats. The fuel tank is fully covered in an armoured shell.

With a ballistic protection level of NATO B6 (7.62 x 51 mm NATO Ball) and STANAG 4569 Annex B, Level 1, upgrades are available to meet user specifications.

Engineering Upgrade Work The additional weight of armouring requires upgrade work to be carried out. This includes upgraded door hinges plus door check straps, and an upgraded suspension system. Subject to specification, the unladen kerb weight of the vehicle is 3,100 kg with a GVW of 4,000 kg.



Production Capacity and Lead Time A 'building for stock' programme is undertaken in the UK to reduce lead times, with vehicles available either ex-stock or a number of weeks from completion. Additionally these vehicles are built to order in our production facility in Jordan, which caters for larger volumes to enable lower prices, faster rates of production and shorter lead times.

Delivery Package Jankel can arrange for delivery of the vehicles into any theatre of use by sea, road or air and arrange the relevant import / export licences and inspections should this be required.

After Sales Support The vehicles can be serviced at any Toyota service centre world-wide. Specific support arrangements are in place in Iraq, Afghanistan and the Balkans.



Standard Specification

- NATO Level B6 ballistic protection
- STANAG 2920 fragmentation protection
- Up-rated suspension, door hinges and door check straps
- Fuel tank protection
- Substantial bull-bar
- Manual dead-bolt system to each door (4)
- 50 km runflat tyre system
- Underbonnet fire extinguisher system
- Automatic Dual Optima battery system with split charge
- Intercom and door document slot

Utility Upgrades

The following utility upgrades are common to all variants.

- Front strengthened ARB bullbar with hydraulic or electric winch
- Fog lights, search lights, beacons etc.
- Public address system and siren
- Exhaust driven air-jack
- Turbo charger (diesel only)
- Re-paint to commercial non-metallic
- Hostile environment trauma pack
- High performance front braking upgrade
- Opening windows (manually operated, 150 mm opening)

Militarised Hilux Upgrades

- Equipment and weapons platform
- Riot protection kit

Discrete Patrol Upgrades

Passenger Compartment

- Drivers weapon holders / mounts
- Modified front bench seat to enable installation of comms tray between seats
- 5.56 x 45 mm SS109 Kevlar spall liner to vertical surfaces
- 800 mm x 800 mm armoured roof hatch above rear seats with roof rack to hide hatch profile
- Quick release armoured rear window

Electrical

- 120 Amp alternator
- 24 Volt / 12 Volt Power system to operate client supplied ECM / Comms system
- ECM Pod to replace rear seats
- Infra Red / Convoy / Blackout lighting system

Rear Cargo Area

Checker base plate onto which ammo box / fuel / water storage straps are located. Two pedestal mount locations, seating position and soft tonneau cover for discrete role.