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PetroSecur

ARMORED VEHICLES



CONAN DPH-79



Designed and developed from the ground up to be the high performance, lightweight body on TOYOTA 79 based APC vehicles.

The CONAN will undergo grueling performance tests that will push it to the limits of suspension, handling, acceleration and maneuverability and we'll strategically pair the best OEM and aftermarket components for the task.

We can say with confidence and from the experience our dephender t7 and commander p5 tactical vehicles give us that our CONAN APC will outperform any Land Cruiser developed APC on the market today in both on and off road tests.



The CONAN DPH -79 will come standard in a 5-door configuration offering a 6+ seat arrangement. Additionally, variants are available in 3-door configurations as well as light surveillance and aircraft assault platforms that can be customized for any operational requirement.

Due to its highly customizable nature, the CONAN will prove popular with law enforcement, NGO, and military customers and can support a wide range of uses.

Ballistic and B6 protection ensures crew survivability in the most hostile environments. Of those specific regions that require a higher level of ballistic protection, the CONAN DPH 79 can be fitted with armor that upgrades to STANAG 4569 Level I while maintaining much of the original payload capacity.

Our company has extensive experience in building low-weight, high-performance Tactical Vehicles. There are a variety of armor options for the CONAN DPH-79. No matter your armor requirements, our line of DEPHENDER tactical vehicles provide all levels of armor protection, including CEN, NSA, NIJ, UL, and VPAM. We give you confidence with our development, equipment and construction in our plant in Mexico, in which we have state-of-the-art technology with the highest quality standards.

STANDAR DESCRIPTION



DIMENSIONS

- Total length: 5226 mm (without spare wheel)
- Overall width: 1874 mm the body
- Total height: 2180 mm above the ceiling plate
- Wheelbase: 3180mm Track Width: 1589mm
- Ground Clearance: 290mm under differentials
- Approach angle: 41°
- Departure angle: 33°



DESSIGN

- Seating arrangement: 2+6 (optional 2+8 with bench seats)
- Doors: 5
- Roof turret with hatch: optional



WEIGHT

- Curb weight: 4600 kg (standard protection)
- Payload: 1000kg
- Combat weight: 5600 kg

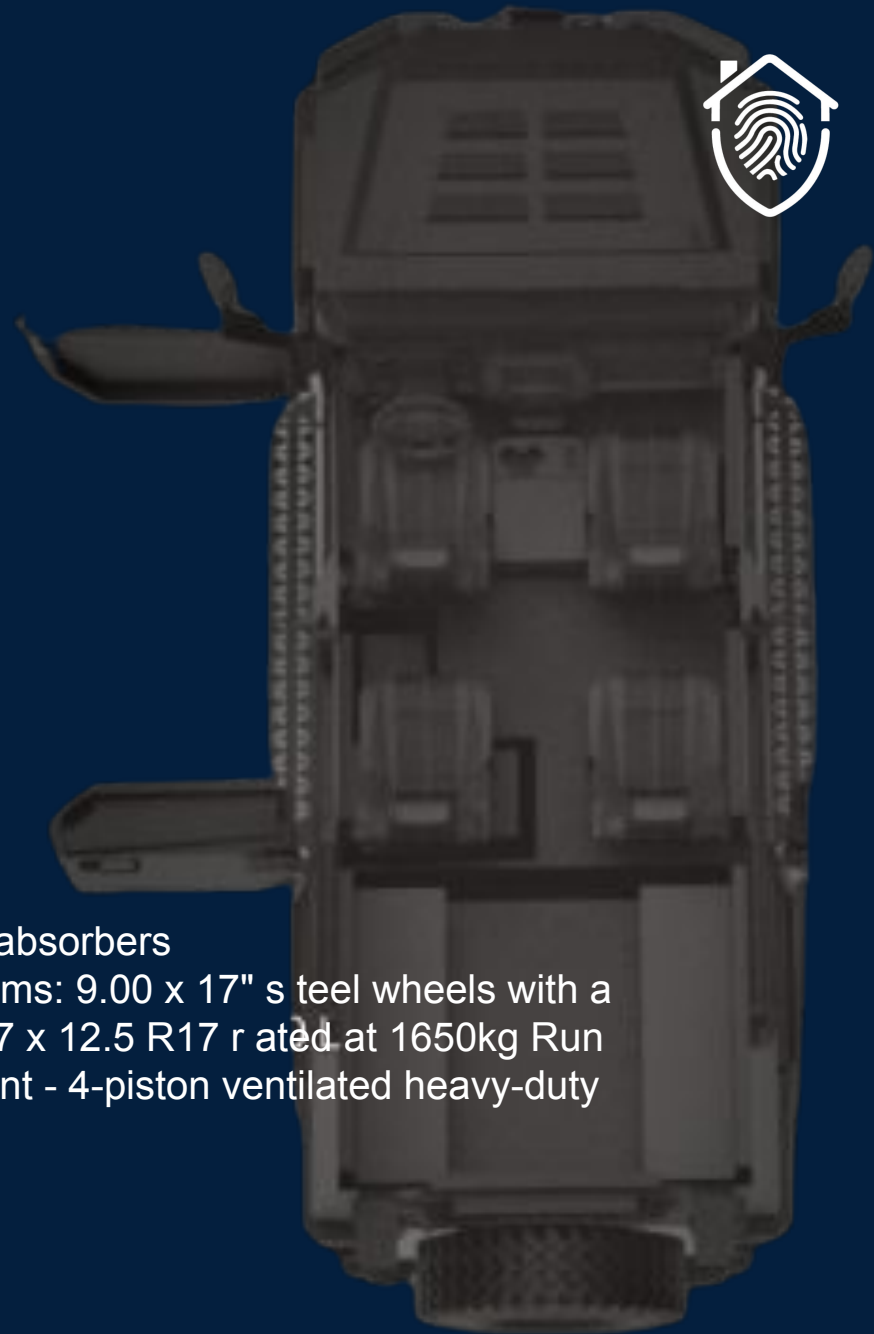


POWERTRAIN

- Make Engine: Toyota
- Engine model: to define options
- Engine type: to define options
- Displacement: Max Power:
- maximum torque:
- Fuel type: Power/weight ratio:
- Transmission: 5-speed manual
- Fuel tank capacity: 2 x 90 L

RUNNING EQUIPMENT

- Driveline: 4x4 selectable
- Steering: recirculating ball, hydraulically assisted
- Suspension: front - coil springs with hydraulic shock absorbers
- Rear - leaf springs with hydraulic shock absorbers Rims: 9.00 x 17" s teel wheels with a capacity of 1550 kg each Tyres: Hankook Dynapro 37 x 12.5 R17 r ated at 1650kg Run Flat Inserts - Fitted Stock STIS: Optional Brakes: Front - 4-piston ventilated heavy-duty disc brakes Rear: 4-piston disc brakes





MOBILITY

- Top speed: 100km /h
- Turning circle: 14.4 m (curb t o curb)
- Fuel range: 800km
- Grade Capacity: 60%
- Static Side Slope: 30%
- Vertical step: 350mm
- Trench crossing: 750 mm
- Fording: 700 mm (not prepared)

ENVIRONMENTAL CONDITIONS

The vehicle can be operated effectively at ambient temperatures ranging from -20°C to $+55^{\circ}\text{C}$



OPTIONAL EQUIPMENT



- Electric winch (capacity up to 9 tons)
- Video monitoring system in direct based on GSM
- Ring Bearing Roof Turret and split hatch
- Shot detection system
- Remote Controlled Search Lights
- Front view thermal camera
- Auxiliary service battery with switch smart isolator and battery monitor
- Day/Night Perimeter Cameras IR Driving and convoy lights
- Overpressure air filtration system (2 + 5 only)
- STANAG 4569 Level 1 Ballistic Protection Upgrade Intercom
- GPS
- DVRs
- Public address system
- Alternator upgrade
- Reverse day/night camera
- Blast Attenuated Seats
- Interior gun mounts
- MF/HF communication system
- VHF/UHF communication system



TECHNICAL SPECIFICATIONS - SHIELDING LEVEL

LEVEL B5

Weapon	
Caliber	5.56x45mm / SS109 & M193
Weight (G)	4.0 ± 0.1
Range (M)	10.00 ± 0.5
Speed (m/s)	950 ± 10
# Shots	

LEVEL B6

Weapon	
Caliber	7.62 x 51mm / M80 Nat o Ball
Weight (G)	9.5 ± 0.1
Range (M)	10.00 ± 0.5
Speed (m/s)	830 ± 10
# Shots	





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