



A Brand by A-Abdullah Traders Pvt Ltd.

**ENGINEERED FOR IMPACT.  
BUILT FOR BATTLE.**



**TOYOTA HILUX**

**REVO**

# Our Commitment

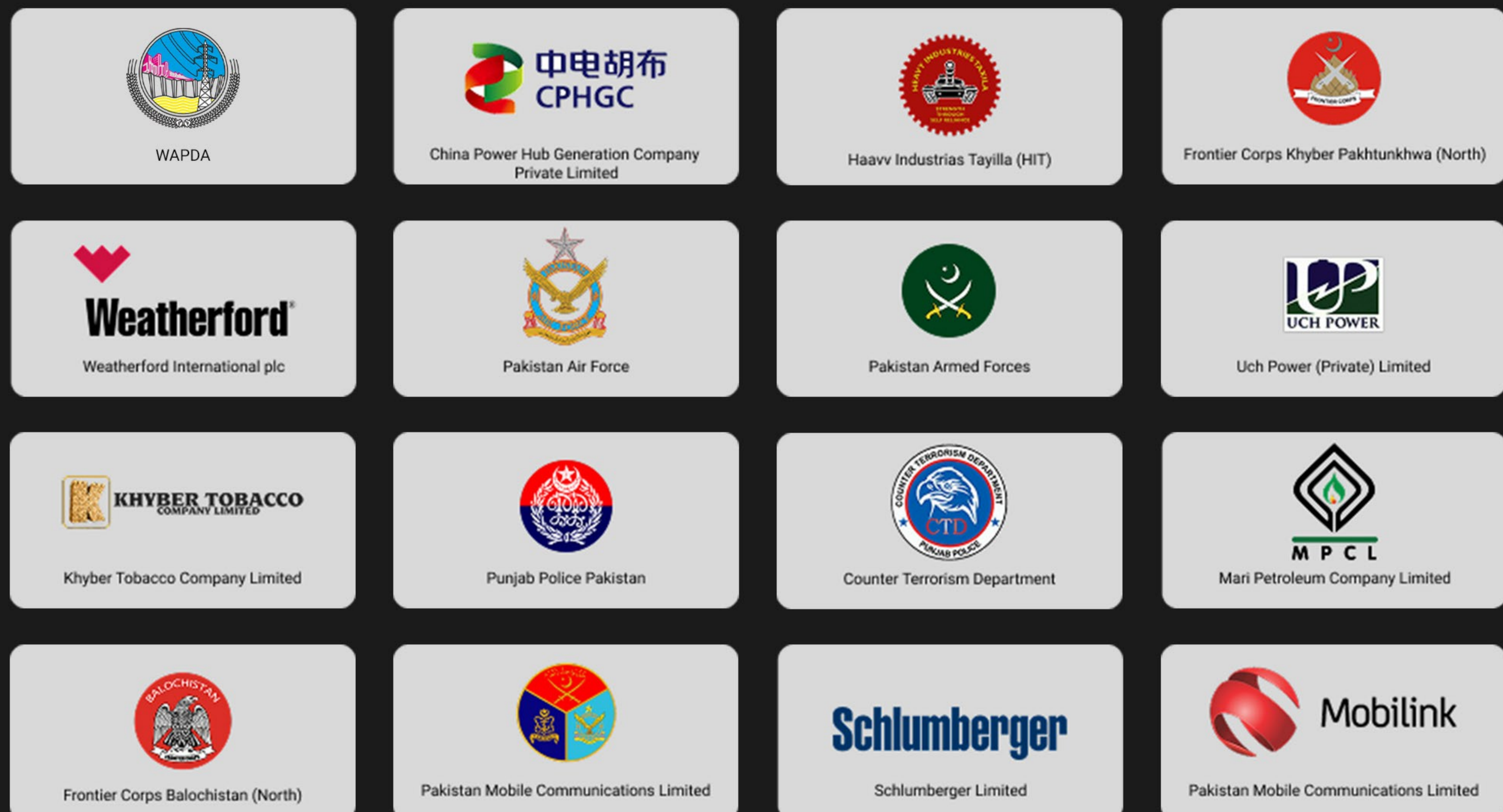
We engineer every vehicle to meet recognised international ballistic standards. Using laser cut ballistic steel and transparent armour (BRGs) bonded through advanced vacuum lamination, our systems deliver proven multi-hit resistance with zero risk of UV discolouration. Critical zones such as the floor and fuel tank are reinforced with ballistic or equivalent steel, certified to withstand the simultaneous detonation of two DM-51 grenades.

Electronically controlled MIG stitch-welding preserves structural integrity, while reinforced pillars, heavy-duty hinges, upgraded suspension, run-flat inserts, and enhanced braking systems ensure consistent reliability in the harshest operational environments.

Each vehicle is supported with lifetime complimentary maintenance (T&C apply), covering armour integrity checks, vehicle inspections, and fluid top-ups, guaranteeing your protection investment remains uncompromised for life.

## Trusted by **Leaders in Security**

Trusted by leading institutions in Security, Banking, and Government for uncompromising protection and reliability.

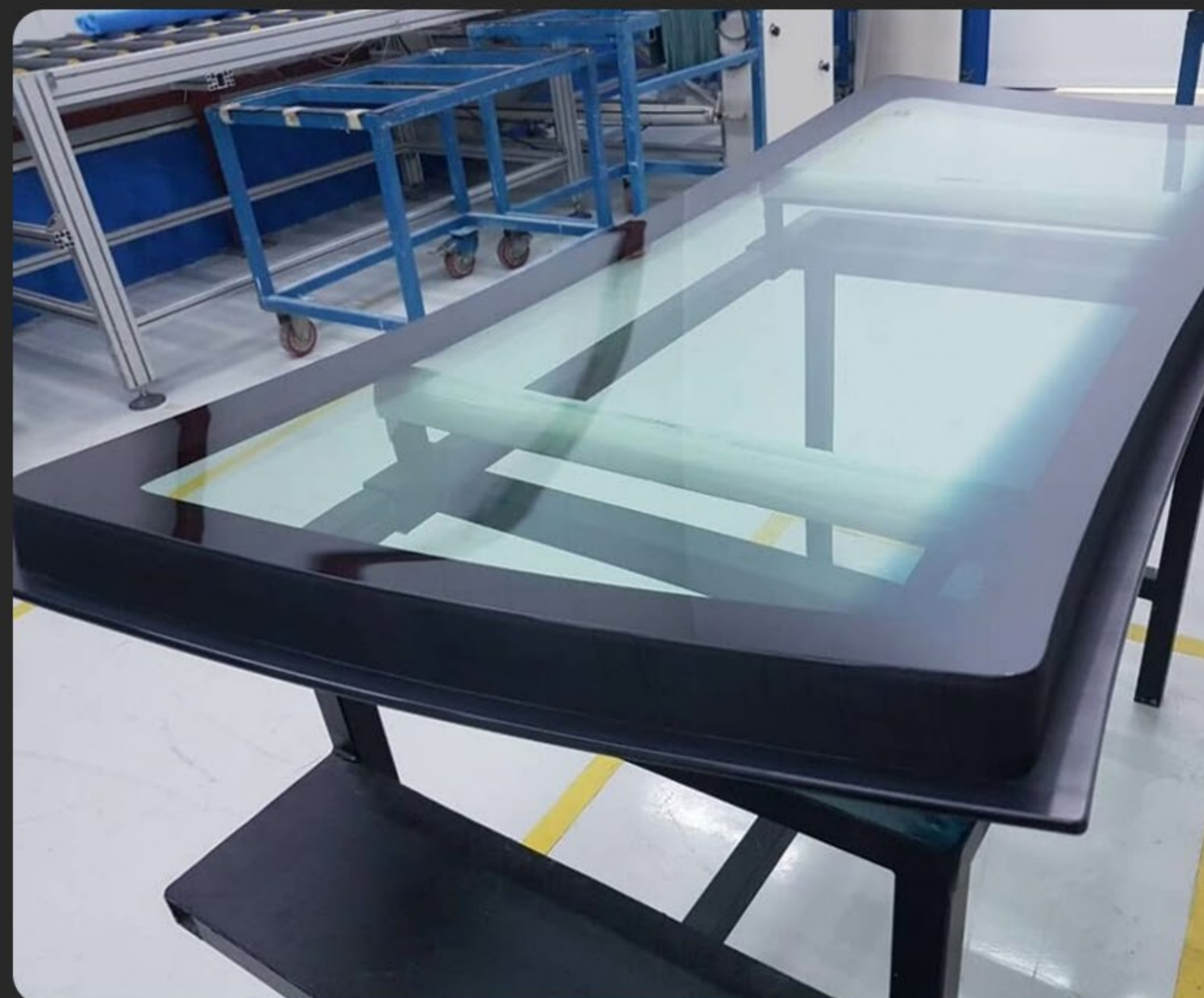


# TECHNICAL SPECIFICATIONS

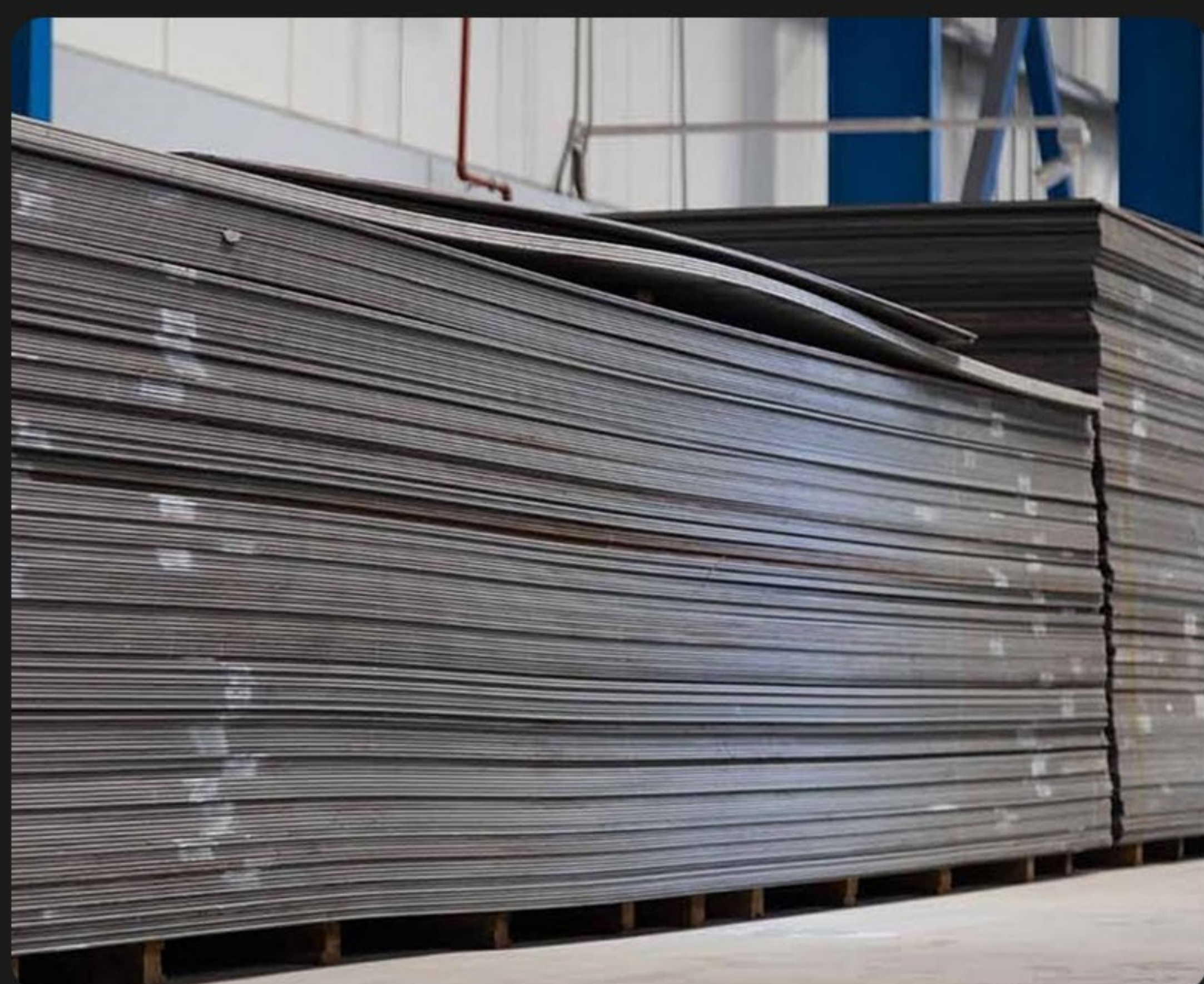
## TOYOTA REVO

### GLASS

- Transparent armour: **42 mm BR6 multi-layer bullet resistant glass** (UAE origin).
- OEM curved windscreen and front door glasses replaced with BR6 transparent armour of same curvature.
- OEM flat bulkhead glass added where applicable.
- Installed with framing mechanism while retaining OEM glass.



### STEEL



- **Six-side armoured capsule** design covering roof, firewall, bulkhead, sides, and floor.
- Thickness: **6.5 mm (walls), 4.2 mm (roof/floor)**.
- Firewall protected with **4.2 mm ballistic steel** behind dashboard.
- Single-pieces ABC pillars, firewall and roof to reduce welding stress.
- Radiator protection with **ventilated ballistic steel grille (6.5 mm)** to maintain operability during attack.
- **4.2 mm** engine underplate of **ballistic steel** installed for additional blast protection.
- Floor & fuel tank reinforced with **blast resistant steel**, against simultaneous detonation of **2 × DM-51 hand grenades**.
- All armour is stitch welded using **electronically controlled high-intensity MIG welders**, as per global armouring standards.
- Design ensures projectiles of angled path cannot bypass armour.
- Aramid/Kevlar spall liner can be installed on floor to help reduce secondary fragmentations (optional).

## DOORS

- All four doors armoured with **6.5 mm ballistic steel panels**.
- Additional plating or parallel inner panels installed where necessary.
- Armour overlap at pillars to prevent penetration.
- Door pillars reinforced to handle additional weight.
- Heavy-duty hinges installed for load-bearing capacity.
- Heavy-duty door retainers provided to control swing.
- Driver's side actuator allows controlled window lowering upto 3-4 inches (Optional).



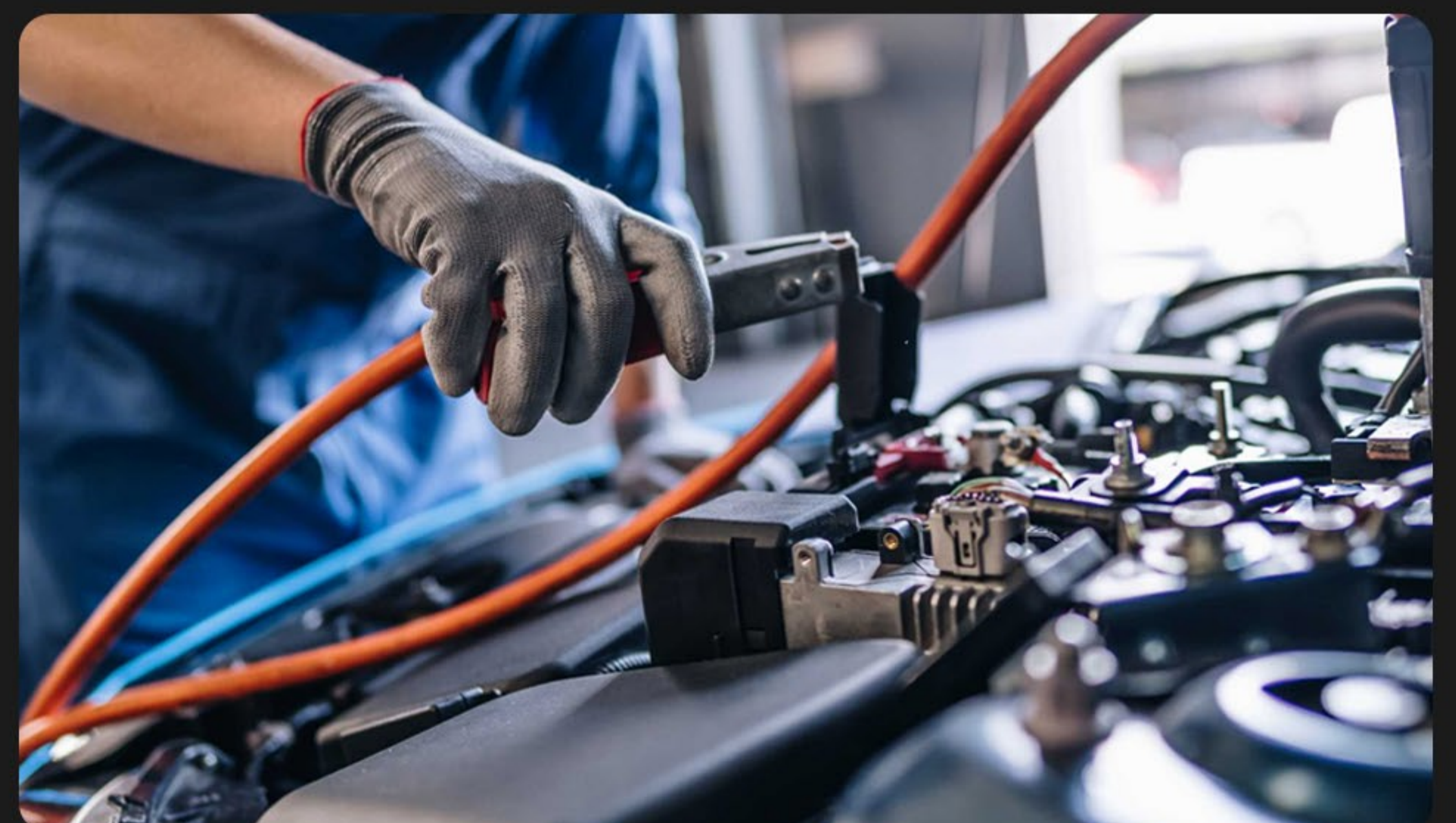
## INTERIOR



- OEM trims and panels resized or modified and reinstalled.
- Bespoke upholstery fitted over steel armoured panels in passenger and rear doors.
- Capsule shape cabin with large plates to minimise weld lines.
- Overlaps used in interior framework to eliminate gaps.
- Passenger compartment designed for maximum ballistic protection with minimal visible modification.

## ELECTRICAL

- OEM electrical systems tested and modified to remain fully functional post-armouring.
- Upgraded electrical systems fitted to support CCTV, GPS, night-vision, strobe lights, and siren/PA equipment.
- Each auxiliary system fused individually for enhanced safety and reliability.



## SUSPENSION



- Heavy-duty suspension by Australian, European, and American brands such as Toughdog, Dobinson and Outback.
- Specially designed shocks replace OEM parts.
- Heavy-duty leaf Springs add stability, durability, and comfort.

## BRAKES

- Heavy-duty brake system upgraded with American and Australian brands, i.e StopTech/DBA.
- Specialized brake system to reduce stopping distance under heavy load.
- Heavy-duty braking system to support the additional weight of the armoured configuration.



## RUN FLATS



- Four run-flat inserts installed to ensure continued mobility after tyre puncture or ballistic impact.
- Multi-hit capable design suitable for high-risk environments.
- Allows the vehicle to remain operational even after tyre damage (Finabel compliant).
- Spare wheel run-flat insert available as optional equipment.

## TYRES

- Heavy duty high load index tires can be installed (optional)



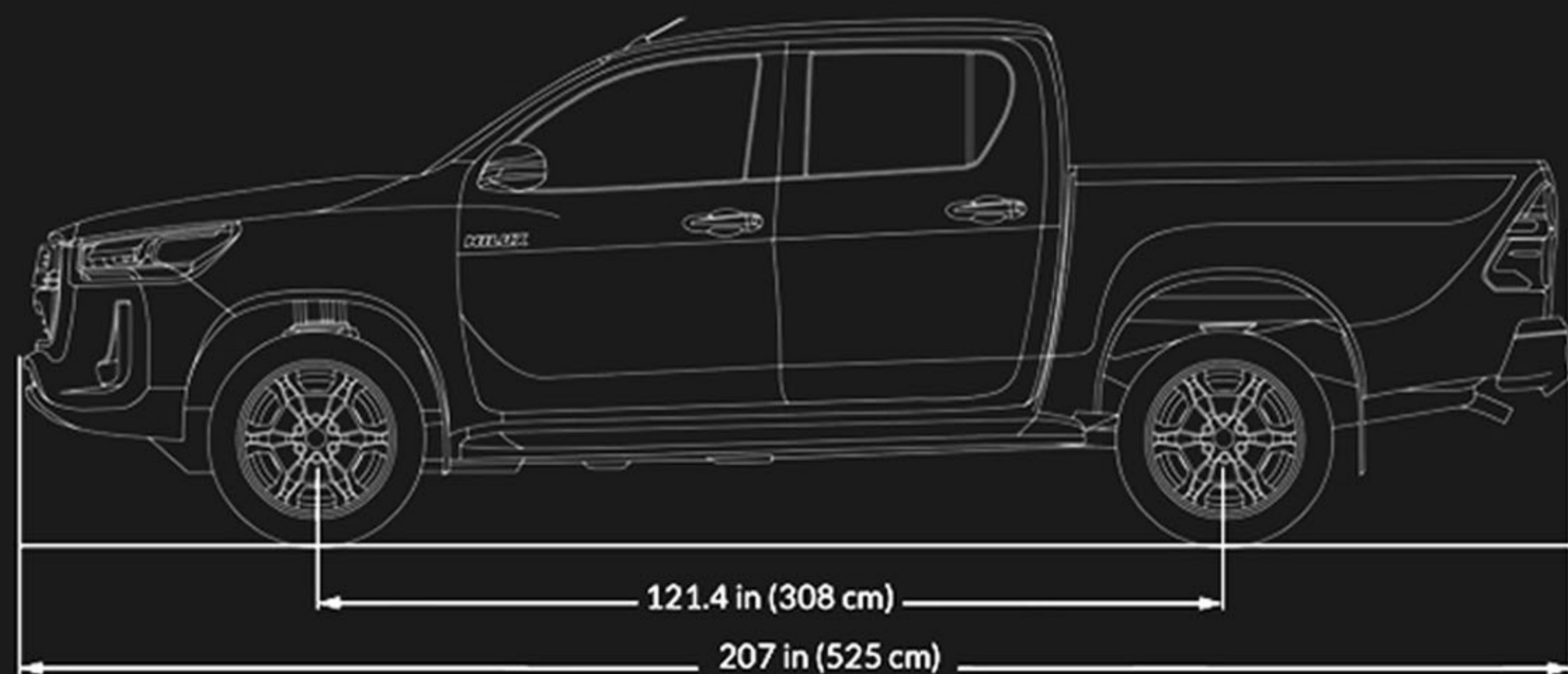
## HINGES



- Reinforced hinges installed to support the additional weight of the armoured doors.
- Heavy-duty hinge system ensures long-term durability and structural integrity.

## POST ARMoured WEIGHT

- Post-armouring weight varies depending on selected equipment and upgrades.





# BALLISTIC & BLAST PROTECTION LEVEL

- Certified to EN 1063 BR6 / VPAM VR7 standards.
- Ballistic steel compliant with EN 1522 FB 6 protection against 5.56 × 45 mm NATO Ball CRTG.
- Resistant to 7.62 × 51 mm NATO Ball (M80) at 10 m, 830 m/s.
- Blast protection against 2 × DM-51 grenades (German ordnance).



## INTERNATIONAL BALLISTIC STANDARDS

Worldwide, four key ballistic standards are recognised: NIJ in the USA, EN 1063 in Europe, UL 752 in North America, and NATO STANAG for allied military forces. NIJ is the benchmark for most US-made or imported equipment, while EN 1063 governs European bullet-resistant materials. UL 752 focuses on protection against penetration, fragments, and spalling, ensuring safety for those behind barriers. NATO STANAG, meanwhile, sets procedures to maintain interoperability among member forces. Since these standards overlap in scope, their equivalence is considered approximate.



NIJ 01.08.01	EN 1063	UL 752	STANAG 4569
I	B1	-	-
II-A	B2; B3	1	-
II	B4	2	-
III-A	B4; B5	3	1
III	B6	4; 5	2
IV	B7	7; 8	3

# BALLISTIC CHART



## Light Armoured Vehicles

Class	Weapon/Ammunition		Range	Velocity	Shots	Spacing
B2	9mm		5	400mls	3	120mm
B3	357 Magnum		5	430mls	3	120mm
B4	44 Magnum		5	440mls	3	120mm
B4+	AK47 ball 7.62 x39		10	710mls	3	120mm
B5	5.56 x 45 Steel core SS109 round		10	950mls	3	120mm

## Fully Armoured Vehicles

Class	Weapon/Ammunition		Range	Velocity	Shots	Spacing
B6	7.62 x51 ball		10	830mls	3	120mm
B6+	5.56 x45 Lead M193 round		30	980mls	3	120mm

## Armour Piercing

Class	Weapon/Ammunition		Range	Velocity	Shots	Spacing
B7	7.62 x 51 AP		30	820mls	3	120mm
	AK47 7.62 x39 AP		30	715mls	3	120mm



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