IAG

INTERNATIONAL ARMORED GROUP

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Premium Armored Vehicle Manufacturer

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OUTLINE

1. WHO WE ARE
2. DESIGN & TECHNOLOGY
3. VPAM BRV2009 VR7 CERTIFICATION
4. VEHICLE SEGMENTS
5. Q & A

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INTERNATIONAL ARMORED GROUP UAE

500,000 sq.ft Combined Production Area

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INTERNATIONAL ARMORED GROUP USA

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INTERNATIONAL ARMORED GROUP TURKEY

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WHO WE ARE

TRUSTED – 20+ years of experience

CAPABLE – 500,000 sq.ft manufacturing space, 300 cars/month

PROVEN – ISO Certified and VR Certified Vehicles

RELIABLE – 7 locations in USA, Canada, UK, Turkey, Bulgaria, UAE, Pakistan 24/7 service

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TRANSPARENT ARMOR SYSTEMS (TAS)

TAS : A Division of IAG

Transparent Armor Systems (TAS) is a manufacturer of **certified** ballistic glass and frame systems for defense, automotive and architectural applications.

IAG is the only armoring company with in-house manufacturing of ballistic armored glass.

TAS
TRANSPARENT ARMOR SYSTEMS
BULLET RESISTANT GLASS AND FRAME SYSTEMS

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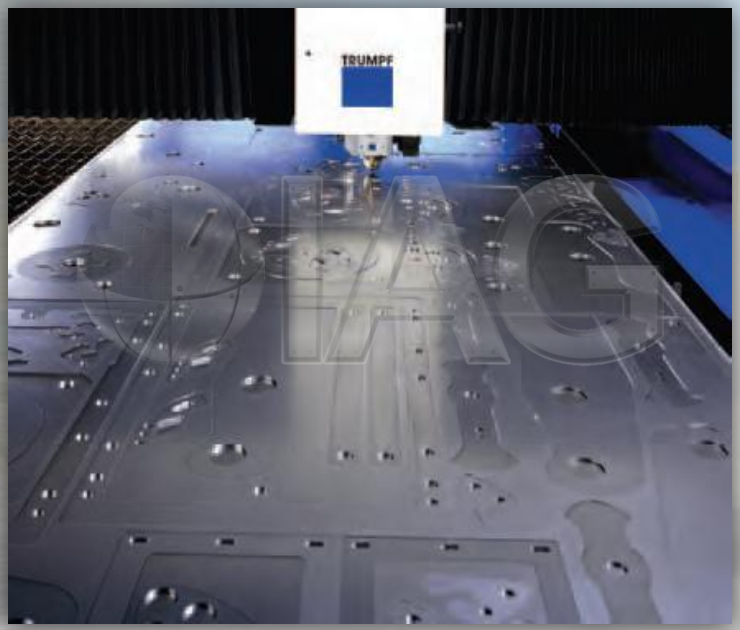
DESIGN AND TECHNOLOGY



International Armored Group uses advanced automation in our production process. We believe in vertical integration and having the ability to control as much of the production process as possible.

IAG utilizes computer numeric control (CNC) machines such as laser cutting machines, bending machines, milling machines and 5-axis machines to manufacture vehicle components and opaque armoring.

This is unique to IAG, as most other manufacturers outsource a lot of the production process.

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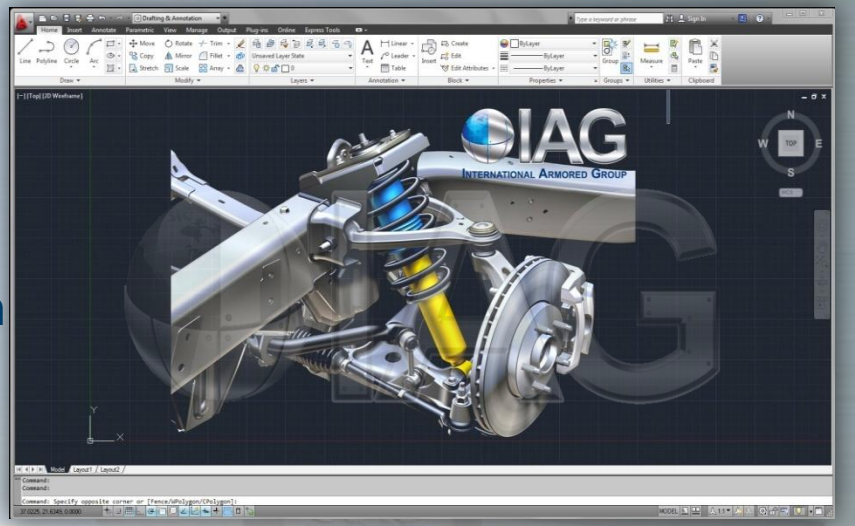
DESIGN AND TECHNOLOGY

- LHD to RHD conversions
- 4x4 to 6x6 conversions
- Rear Coil Spring Suspension conversion
- Low to High Sulphur Diesel Fuel conversion
- Ambulance conversions
- Custom Fabrication



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DESIGN AND TECHNOLOGY

- **Single Piece Design Armor**

IAG Vehicle Side Wall

Standard Industry Vehicle Side Wall

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DESIGN AND TECHNOLOGY

- **Firewall – No Jigsaw**

IAG Vehicle Firewall

Standard Industry Vehicle Firewall

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DESIGN AND TECHNOLOGY

- Full 360 degree overlap at all doors and apertures

IAG 360° Full Door Overlap (top and bottom) including dashboard overlap

Standard Industry Half Door Overlap (top only)

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DESIGN AND TECHNOLOGY

- **Custom made door panels**

IAG custom made heavy duty luxury door panel

Original door panel reused

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DESIGN AND TECHNOLOGY

- **Door Riser System**

IAG designed door riser system to provide additional support of armored door

Standard industry armored door – no support, will sag and misalign

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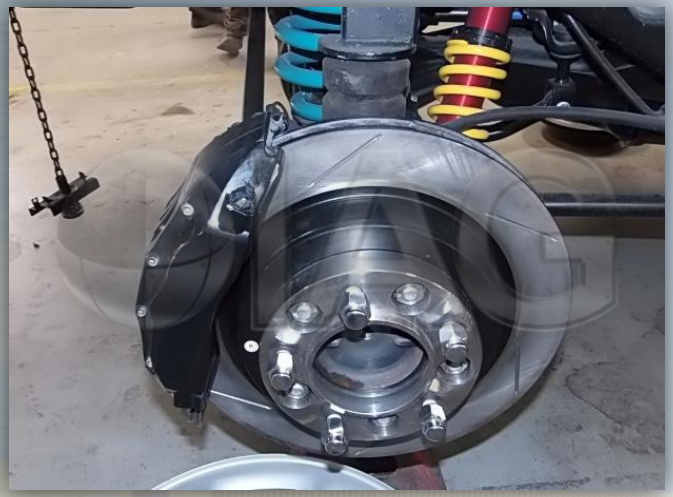
DESIGN AND TECHNOLOGY



HIGH PERFORMANCE BRAKES:
To correct for the new weight distribution and dynamic forces of the armored vehicle, specifically engineered heavy duty brake systems can be installed on every armored vehicle.

TIRE, WHEEL AND RUNFLAT ASSEMBLY:
Each armored vehicle comes equipped with certified runflats and heavy duty wheels and tires rated for the after armoring GVWR to ensure optimal performance.

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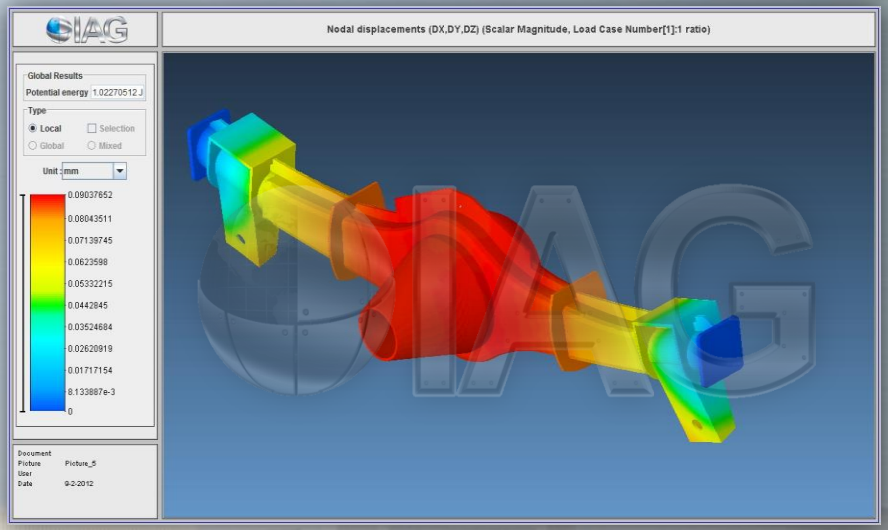
DESIGN AND TECHNOLOGY



SUSPENSION ENGINEERING:
Besides replacing the OEM shocks, springs, struts, leafs and/or bushings with stronger, engineered-for-purpose heavy duty components, we have also developed a progressive suspension system that helps evenly distribute the weight of the armored vehicle over many components to ensure the suspension system never fails.

AXLE REINFORCEMENTS:
Using advanced stress test analysis, we thoroughly examine every axle and make reinforcements as necessary in order to meet the vehicle's expected payload and operating environment.

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VPAM BRV2009 VR7 CERTIFICATION

Complete Vehicle Certification in Germany – VR7 under BRV2009

- 430 shots with no penetration
- 17kg of TNT detonated on the side of the vehicle with no deformation
- DM31 Anti-tank mine
- DM51 German hand grenades
- HG85 Swiss hand grenades

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VPAM BRV2009 VR7 CERTIFICATION

BESCHUSSAMT MELLRICHSTADT

Prüfzeugnis
Test Certificate

10Z123-01

Inhaber des Prüfzeugnisses Holder of the test certificate	International Armored Group P.O. Box 10559 Khor Khwair Industrial Park RAK Free Trade Zone Ras Al Khaimah - UAE

Prüfung der durchschusshemmenden Eigenschaften eines Fahrzeuges nach VPAM BRV2009
Test of the bullet resistance of a vehicle according to VPAM BRV2009

Stand der Richtlinie Version of the guideline	Mai 2009
Hersteller Manufacturer	International Armored Group
Auftraggeber Applicant	International Armored Group
Prüfgegenstand Test object	gepanzertes Fahrzeug (Linkslenker) armoured vehicle (left hand drive)
Probenbezeichnung Reference	Toyota Land Cruiser 200 Convoy
Prüfdatum Test date	16. April 2010
Detailergebnisse siehe Prüfbericht Nr. Detailed results see test report No.	10M123-01#

Die vorgelegte Probe erfüllte die Anforderungen nach
The submitted sample met the requirements according to

VPAM BRV2009

VR7

Die Verwendbarkeit dieses Prüfzeugnis ist auf zehn Jahre ab dem Tag der Prüfung begrenzt und ist nur mit Unterschrift und Dienstsiegel gültig. Die auszugsweise Weitergabe dieses Prüfzeugnisses ist nur mit Genehmigung des Beschussamtes Mellrichstadt erlaubt.
The applicability of this test certificate is limited for ten years beginning with the day of testing and is only valid with signature and official seal. The duplication in extracts only is allowed with approval of the Beschussamt Mellrichstadt.

Mellrichstadt, 23. April 2010

Willner

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https://www.youtube.com/watch?v=UFmM8qR13Gg

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VEHICLE SEGMENTS

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Armored Luxury SUVs and Sedans

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Armored Passenger Transport

IAG Armadillo

Toyota Coaster

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Armored Ambulances

Toyota Land Cruiser 70 Series

Ford F-550

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Cash In Transit

Ford F550

International Truck B-Body Design

Toyota Land Cruiser

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Tactical Vehicles

Guardian APC

Sentinel TRV

Sentry APC

Jaws APC

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Tactical Vehicles

Armored Anti-Riot Truck

Armored Water Cannon

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QUESTIONS

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