MEGA ENGINEERING VEHICLES

MEGA ARMORED MILITARY VEHICLES

MEGA ARMORED MILITARY VEHICLES IS DIVISION OF MEGA ENGINEERING VEHICLES INC.
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PATRONS WE’VE PROTECTED GLOBALLY

US GOVERNMENT CONTRACTS
Department of Defense, Armed Forces (USA)
Department of Homeland Security (USA)
USCENTCOM Special Forces (IRAQ)
Experimental Training at Camp Peary, VA (USA)
American Consulate General Frankfurt (Germany)

ARMORED PERSONNEL CARRIERS (APC)
United States Army
US State Department
Nigerian Police
Senegal Police
Mexican Government
Over 100 SWAT Teams throughout the USA

BALLISTIC ARMORED TACTICAL TRANSPORT
Jasper County Indiana Sheriff’s Office (USA)
Edmonton Police Department (Canada)
Lubbock County Sheriff’s Office (USA)
Lawrence Police Department (USA)
Wichita Police Department (USA)
Union County Sheriff’s Office (USA)
San Juan Police Department (USA)
Parker County Sheriff’s Office (USA)
Mexican National Police (Mexico)

ARMORED SUV AND SEDANS
State Department
Department of Defense
Department of Homeland Security
American Consulate General
Government Agencies around the world
Lockheed Martin
Bank Presidents around the world
Centers for Disease Control
DynCorp
Hughes Network Systems
President of Peru
President of Senegal
RT Com Limited
SOCOM
TACOM
United Nations,
(various branches around the world)

CASH IN TRANSIT (CIT)
Amalgamated Security Services // West Indies
Armed Car Services (ACS) // Bahamas
Askar Security Services // Uganda
Banreservas // Dominican Republic
Central Bank of Iraq
Central Bank of Nigeria
Central Bank of Philippines
Ennis Security // Canada
First City Monument Bank // Michigan, USA
Girobank N.V. // Curacao
Hemaya // Qatar
Johnson Security Bureau, Inc. // New York, USA
Keys Armored Express USA // Florida, USA
LA Federal Armored Services, Inc. // California, USA
Laurent Tesserot // Haiti
Oceanic Bank // Nigeria
Securico Co., Ltd. // Japan
Security Armored Car Service of Hawaii // USA
Shields Business Solutions // 7 countries
Sterling Bank // Nigeria
Total Armored Car Service // Michigan, USA
Vattanac Bank // Cambodia
Transguard // UAE

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Innovation is necessary in our fast moving times

Mega Engineering Vehicles Inc. has grown to become the world leader in technology and innovation with over 33 years experience in design, engineering, prototyping and manufacturing. With corporate offices in Huntington Beach, California, Mega Engineering and its affiliated companies now constitute one of the world’s leading resources for high-technology systems ranging from Transportation, Entertainment, Aerospace and Defense, across the United States and globally. Mega Engineering represents one of the most talented and innovative workforce anywhere. Leading Engineers and Designers came to Mega Engineering, forming the nucleus of a staff including affiliated companies. Mega Engineering is organized into two business units: Mega Engineering Transportation, Entertainment and Mega Engineering Aerospace, Defense. Mega Engineering Vehicles carries out the largest and highly successful Electric Buses and Trucks program in private industry. Additionally, the company has been the primary developer of Smart Truck systems. Mega Engineering and its affiliated entities also manufacture state-of-the-art Unmanned Ground Vehicles. Mega Engineering is engaged in Aerospace, Defense, and provides information technology, innovation and other products and services for corporate, private and government use.

**BALLISTIC CHARTS**

<table>
<thead>
<tr>
<th>Klassen</th>
<th>Waffenart (Beispiele)</th>
<th>Patronen</th>
<th>Munition und Geschoss</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPAM</td>
<td>EN 1063 EN1522/23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VPAM 1</td>
<td>B 1</td>
<td>.22 lr</td>
<td>2.6 ± 0,1</td>
</tr>
<tr>
<td>VPAM 2</td>
<td>-</td>
<td>9 mm Luger</td>
<td>8.0 ± 0,1</td>
</tr>
<tr>
<td>VPAM 3</td>
<td>B 2</td>
<td>9 mm Luger</td>
<td>8.0 ± 0,1</td>
</tr>
<tr>
<td>VPAM 4</td>
<td>B 3</td>
<td>.357 Mag.</td>
<td>10.2 ± 0,1</td>
</tr>
<tr>
<td>VPAM 5</td>
<td>-</td>
<td>.44 Rem. Mag.</td>
<td>15.6 ± 0,1</td>
</tr>
<tr>
<td>VPAM 6</td>
<td>-</td>
<td>.357 Mag.</td>
<td>7.1 ± 0,1</td>
</tr>
<tr>
<td>VPAM 7</td>
<td>B 5</td>
<td>7.62 x 38</td>
<td>8.0 ± 0,1</td>
</tr>
<tr>
<td>VPAM 8</td>
<td>B 6</td>
<td>7.62 x 39</td>
<td>4.0 ± 0,1</td>
</tr>
<tr>
<td>VPAM 9</td>
<td>B 7</td>
<td>.308 Win.</td>
<td>10.4 ± 0,1</td>
</tr>
<tr>
<td>VPAM 10</td>
<td>-</td>
<td>7.62 x 54 R</td>
<td>10.4 ± 0,1</td>
</tr>
<tr>
<td>VPAM 11</td>
<td>-</td>
<td>.308 Win.</td>
<td>8.4 ± 0,1</td>
</tr>
<tr>
<td>VPAM 12</td>
<td>-</td>
<td>.308 Win.</td>
<td>12.7 ± 0,1</td>
</tr>
<tr>
<td>VPAM 13</td>
<td>-</td>
<td>50 Browning</td>
<td>35.0 ± 0,5</td>
</tr>
<tr>
<td>VPAM 14</td>
<td>-</td>
<td>14.5 x 114</td>
<td>63.4 ± 0,5</td>
</tr>
</tbody>
</table>

**VPAM 7 = B6 including B5**
Minimum required thickness of ballistic steel for this level – **7.5 mm**

**VPAM 8 is between B6 and B7**
Minimum required thickness of ballistic steel for this level – **12.5 mm**

**VPAM 9 = B7**
Minimum required thickness of ballistic steel for this level – **14.5 mm**

**VPAM 10 is the next level after B7**
Minimum required thickness of ballistic steel for this level – **18 mm**
MULTI-HIT PROTECTION:
All windows are capable of sustaining multiple hits while providing protection to passengers.
ARMORING SPECIFICATIONS

Armor level: A9+/NIJ III & up
Chassis: TBD
Model: Mega X
Engine: 6.7L V8 Turbo-
Diesel/Petroleum Transmission: 6-Speed Automatic/
Power: 300Hp; 2800 RPM

Electric Motor: Front and rear motor combined (APX 900 torque) output APX 1000 bhp (745 KW)
Electric Trans: 1-3 speed gear
Range: APX 500–700 km (85-130 kWh)
Seating: 2+8 Crew or more
Wheel: 20x11 Military/Tactical
Tire: Michelin XZL335/80R20
GVWR: 10,500–19,500 lbs (4763-8845Kg)
Avg-Length: 239 in. (607 cm)
Avg-Wheelbase: 141 in. (358 cm)
Avg-Height: 100 in (254 cm)
Avg-Width: 98 in. (249 cm)
Avg Clearance: 12 in. (31 cm)
MEGA FM4X1

Mega will design, develop and engineer future military vehicles with advanced state of the art technologies. Combat tested and battle-proven technologies have led Mega Defense to create lighter, faster, more reactive light-duty vehicle options with greater versatility and efficiency.

The next generation Mega FM independent suspension system is optimized to take mobility and safety to unprecedented heights, which can be raised and lowered to meet transportability requirements via interior controls with high-performance disc brake solutions.

All components work together to make a lighter weight, extremely durable driveline solution to overcome even the most severe terrain.

The Advance Electric Armored Vehicle system uses a modular arrangement to simplify the transmission of power to the wheels, which eliminates dependency on oil and dramatically reduces life-cycle costs.

Together, Mega FM suspension and Electric motor technology allow for the inclusion of armor configurations never before available on a light vehicle – battle-tested armor that provides consistent, survivable crew protection.

Mega employs superior technologies to advance the light-duty vehicle profile, for missions that take military personnel over the harshest terrain and call for the quickest, most versatile response. For extreme maneuverability, reliability and greater crew protection and survivability.
ADVANCED MILITARY VEHICLES APC 6X6

Mega will design, develop and engineer future military vehicles with advanced state of the art technologies. Mega can also improve and customize existing vehicles to equip them with up to date technologies and systems.
ADVANCED MILITARY VEHICLES APC 8X8
Mega will design, develop and engineer future military vehicles with advanced state of the art technologies. Mega can also improve and customize existing vehicles to equip them with up to date technologies and systems.

LASER GUIDED - LGV
AUTOMATED GUIDED - AGV
ADVANCED MILITARY VEHICLES APC8X8
LASER GUIDED-LGV
AUTOMATED GUIDED-AGV
ADVANCED MODERN MILITARY VEHICLES

APC 4X4

APC 6X6

APC 8X8
Mega’s goal for electric vehicles is overcoming the disparity between the costs of their development, production and operation with equivalent internal combustion engine vehicles (CEVs).
ARMORED ELECTRIC MILITARY VEHICLES
Integrated battery electric drive system
Mega’s goal for electric vehicles is overcoming the disparity between the costs of their development, production and operation with equivalent internal combustion engine vehicles (CEVs).
This product is an energy storage cabinet consisting of high-power rare-earth lithium yttrium battery packs which are designed to different specifications. It just needs a full charge using valley electricity, wind or solar energy. For each power station, the storage power is set at 30000 KWH, and 100 electric military vehicles, passenger buses or taxis can be charged.

In addition, the rare-earth yttrium iron lithium battery has a small self-discharge, so it is not like the traditional lead-acid battery or nickel cadmium/nickel metal hydride battery which needs a long time to keep a floating charge state. After being fully charged one time, it can be used as a backup for 0.5 to 1 year during which there is no need for a floating charge. So, it is very convenient.
MILITARY VEHICLES

Mega will design and engineer Tanks, with the most advanced technologies in the world.

MEGA always has a surplus of refurbished and remodernized tanks. With overhaul, armor levels and weapon systems can be modified to meet any special requirements.
MILITARY VEHICLES
Mega can also improve and customize existing vehicles to equip them with up-to-date technologies and systems.

Mega’s APC not only provides transport for infantry, they can also be equipped for fire support, assault, anti-tank, mobile command, recovery and medical operations. With a wide array of new and surplus refurbished APC, Mega has the capability to provide the right equipment for any environment.
MILITARY VEHICLES
Mega can also improve and customize existing vehicles to equip them with up-to-date technologies and systems.

Mega’s APC offers customization that meets your operational requirements. Certified at NATO III protection for both kinetic and blunt, the Mega’s APC will protect your soldiers when danger strikes. An in-house designed fully independent suspension and driveline system will keep the ride smooth over harsh terrain and allow your teams to navigate over large obstacles with ease.
POLICE & BORDER PATROL VEHICLES
Mega Engineering Vehicles will Design and Engineer Police Vehicles with the most advance technology in the world.

MEGA MV34

RIOT CONTROL

MEGA AWC
POLICE & BORDER PATROL VEHICLES
Mega Engineering Vehicles will Design and Engineer Police Vehicles with the most advance technology in the world.
ADVANCED COMPOSITE MATERIALS

Mega will design and engineer lightweight composite materials with the most advance technology in the world.

CLEAN ROOM

Mega’s Clean Room for optimal Light Weight Construction is the most advanced technology Clean Room in the world.

AUTOCLAVE

Mega’s Autoclave for Light Weight Construction is the most advanced technology Autoclave in the world.
DRONES (UAV)
Mega Engineering Vehicle will Design and Engineer unmanned aerial vehicle (UAV), Drones with the most advance technology in the world.

LASER GUIDED-LGV
AUTOMATED GUIDED-AGV
Unmanned ground vehicles (UGV)

Environmentally Friendly - 2WD single electric motor or 4WD dual electric motors - 4 Wheel Steering - Lithium-Ion Batteries - Electric High-Output Motor - Planetary Gear Reducer.

Unmanned ground vehicles (UGV)

- Utilized in areas requiring 24-hour monitoring and patrolling.
- Reconnaissance, Surveillance and Target Acquisition (RSTA).
- Detects, tracks, identifies and reports on military targets.

**MEGA UGV**

**Lasers Guided - LGV**

**Automated Guided - AGV**

**MEGA AMP**
COAST GUARD VESSELS
Mega Engineering Vehicle will Design and Engineer Coast Guard boats with the most advance technology in the world.

Border defense is a big part of Mega’s portfolio. Mega provides low profile coastal defense vessels for use by foreign militaries, security companies and NGOs.

With the threat of piracy and coastal terrorism higher than ever, Mega has partnered with the most innovative ship builders in the industry.

From small RHIB units to medium sized MCDVs, Mega offers full acquisition support maintenance, parts and warranty coverage. Scheduled preventative maintenance can be offered as a training module for on-board engineers.

Communication systems, weapon stations, GPS navigation, optics and more are available for certain vessels.
ARMORED SECURITY VEHICLES (ASV)

Mega Engineering Vehicle will Design and Engineer Armored Cash In Transit Vehicles (CIT) with the most advance technology in the world.
ARMORED SECURITY VEHICLES (ASV)
Mega designs and engineers Armored vehicles for the Heads of State and delivers worldwide.
MEGA LUXURY PRESIDENTIAL ARMORED VEHICLES

MERCEDES MAYBACH LIMOUSINE

Mega designs and engineers luxury Presidential Armored and Specialty vehicles and delivers worldwide.

SPECIALTY VEHICLE
6 DOOR SEDAN

Mega designs and engineers luxury Presidential parade vehicles and delivers worldwide.

MEGA LUXURY PRESIDENTIAL PARADE VEHICLES

ROLLS ROYCE 4 DOOR CONVERTIBLE

LEXUS LX 570 CONVERTIBLE
 AVAILABLE MILITARY PRODUCTS NEW AND REFURBISHED

(APC4X4, APC6X6, APC8X8)

Mega’s APC offers customization that meets your operational requirements. Certified at NATO III protection for both kinetic and blunt, the Mega’s APC will protect your soldiers when danger strikes. An in-house designed fully independent suspension and driveline system will keep the ride smooth over harsh terrain and allow your teams to navigate over large obstacles with ease.

Mega’s APC not only provides transport for infantry, they can also be equipped for fire support, assault, anti-tank, mobile command, recovery and medical operations. With a wide array of new and surplus refurbished APC, Mega has the capability to provide the right equipment for any environment.

AMPHIBIOUS

Mega AX is amphibious and certified to NATO III ballistic and blast protection. Our 6x6 APC is available with multiple engine types to meet various emission requirements and incorporates an in-house designed axle and driveline system. Mega AX’s suspension is independent and ready to tackle any obstacle in its path. Optional rear hydro-jets will propel the Mega AX along at 10 km/h. Multiple variants are available from recovery to medi-evac.

NAVAL VESSELS

Border defense is a big part of Mega’s portfolio. Mega provides low profile coastal defense vessels for use by foreign militaries, security companies and NGOs.

With the threat of piracy and coastal terrorism higher than ever, Mega has partnered with the most innovative ship builders in the industry.

From small RHIB units to medium sized MCDVs, Mega offers full acquisition support maintenance, parts and warranty coverage. Scheduled preventative maintenance can be offered as a training module for on-board engineers.

Communication systems, weapon stations, GPS navigation, optics and more are available for certain vessels.

All technology and military items in part or whole are strictly regulated by the US Department of State in accordance with the guidelines in the International Traffic in Arms (ITAR) per title 22, code of Federal Regulations (CFR), parts 120-130. Therefore, If you are outside the United States, an export license must be obtained. All sales and shipping are subject to license approval by US Department of States.
AVAILABLE MILITARY PRODUCTS
NEW AND REFURBISHED

TANKS
MEGA always has a surplus of refurbished and remodernized tanks. With overhaul, armor levels and weapon systems can be modified to meet any special requirements.

AVIATION
MEGA offers an impressive portfolio of new and refurbished aircraft and helicopters for military and civil applications. Through our partner networks, we can supply both newly overhauled aircraft and remodernized aircraft complete with the spare part kits needed to keep your fleet moving. Mega’s deep relationships with avionics, engine and weapon system manufacturers mean you will always have the most modern equipment even on surplus aircraft. Training is available for many aircraft. Operation and maintenance courses are available and recommended for those new to their recently acquired product. Our maintenance training team can also offer remote service on products where a standard facility is not available. In-country temporary service is also available. Mega will ensure your aircraft are flight ready when you need them to be.

CONSIGNMENT SALES
Do you have a military or armored product that has finished its lifecycle? When our customers purchase new equipment from us their first question to us is what to do with their old fleet. This is why Mega developed consignment sales for your old products. Everything from an old cash-in-transit van to a fleet of cargo aircraft has a buyer.

MEGA has a global reach for all armored and military products. With several locations for maintenance, old products become new again with our licensed refurbishment programs.

Only with Mega you will be able to obtain a return on old product which will assist with the finances for your new acquisition.

SERVICE
Preventative maintenance is the best way to avoid long term problems. With your products purchased from Mega, you will receive a scheduled maintenance plan as well as parts and service support from our distribution centers.

Every component down to the nuts and valve stems are available to order. We promise a quick turnaround for part orders so your fleet will keep running with little down time.

Mechanical and operational training is available with modules focusing on proper use, handling, security measures, basic repairs, maintenance and operation.

Where available, custom solutions can be made and fabricated to your specific needs. All part of the service packages brought to you by Mega.

All technology and military items in part or whole are strictly regulated by the US Department of State in accordance with the guidelines in the International Traffic in Arms (ITAR) per title 22, code of Federal Regulations (CFR), parts 120-130. Therefore, If you are outside the United States, an export license must be obtained. All sales and shipping are subject to license approval by US Department of States.
OUR PRODUCTS:

- AEROSPACE & DEFENSE
- AUTOMOTIVE DESIGN & ENGINEERING
- COMPOSITE MATERIALS
- UNMANNED VEHICLES (UGV & UAV)
- LUXURY ARMORED VEHICLES
- SPECIALTY VEHICLES

LOCATIONS:

- HUNTINGTON BEACH, CALIFORNIA (H.Q)
- DETROIT, MICHIGAN
- TORONTO, CANADA
- BARCELONA, SPAIN
- DUBAI, UAE
- RAS AL KHAIMAH, UAE
- ROMANIA
- CZECH REPUBLIC

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FOUNDED 1983
ISO 9001