



LAND PLATFORMS

WHEELED VEHICLES



5 TON TACTICAL WHEELED VEHICLE

Usage Purpose of the product: Cargo and troop carrying, recovery, artillery carrying, artillery towing, fuel tanker, water tanker.

Technical specifications: GVW is 26Ton and payload is 10Ton with cargo & troop carrier body. Equipped with 380PS-engine, 6-speed automatic transmission, permanent all wheel drive with high/low speed transfer case and two-speed planetary gear reduction axles sprung by the combination of parabolic leaf springs, telescopic shock-absorbers and anti-roll bars, bogie system at rear. Air type brake system is installed. Vehicle can climb 60% gradient, pass 30% side slope and 80cm deep water, and has maximum speed of 100km/h, ground clearance of 40cm and cruising range of 1000km. The steel driver cabin is fitted with 3-seats, roof hatch and rifle racks.

BMC 235



EJDER YALCIN



4X4 TACTICAL WHEELED ARMOURED VEHICLE

EJDER YALCIN 4x4 satisfies military units' and security forces' today's requirements in urban and cross-country terrains. EJDER YALCIN 4x4 is a fast, mobile, agile, modular, multi-functional, easily maintainable combat vehicle and is compatible with any weather condition and terrain. With its extreme payload capacity, a different variety of weapon systems can be integrated. EJDER YALCIN 4x4 is an ideal platform for;

- Command and Control Vehicle,
- Combat Vehicle,
- CBRN Vehicle,
- Weapon Carrier Vehicle,
- Internal Security Vehicle ,
- Armoured Ambulance,
- Reconnaissance and Surveillance Vehicle,
- Border Security Vehicle,
- Crew : 9-11
- Range : 600 km
- Climbing/Side Slope : 70%/30%
- Approach-Departure angle : 40°
- Max.Speed : 110 km/h
- GVW : 12,000 - 14,000 kg
- Max.Payload : 2,000 - 4,000kg
- Max.Output : 300 HP @ 2100 Rpm

6X6 TACTICAL WHEELED ARMOURED VEHICLE

EJDER 6x6 has a powerful design that satisfies today's battlefield requirements and threats. EJDER 6x6 is fast, mobile, amphibious(without any special preparation), agile, modular, multi-functional, easy maintainable combat vehicle and is compatible with any weather condition. EJDER 6x6 is suitable for use as Reconnaissance, Command Control, Fire Support and Military Ambulance Vehicle. It has superior ballistic and mine-blast protection quality. Ballistic protection can be increased by add-on armour sets. EJDER 6x6 is the leading vehicle for long-running service performance with its low life-cycle cost.

| | |
|--------------------------|----------------------------------|
| Crew | : 12 |
| Cruising range | : 800km |
| Gradient/Side slope | : 70%/40% |
| Side slope | : 40% |
| Approach-Departure angle | : 40° |
| Max speed | : 110 km/h |
| GVW | : 18,000 kg (optional 21,000 kg) |
| Max.Payload | : 2,500kg |

EJDER





WHEELED VEHICLES

LAND PLATFORMS

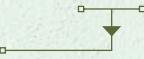
ARMORED 4X4 TRUCK

EJDER 4x4 Truck is an indigenous design of Nurol Makina and has high mobility by its fully independent suspension system. It is suitable for using both urban and rural areas. Ejder Truck's cabin has high ballistic protection .

Because of the EJDER Truck based on EJDER Chassis, which is indigenously designed by Nurol Makina, required variances can be done easily, so EJDER TRUCK has wide range of application area , it can satisfy both military and civilian requirements .

- CBRN Vehicle,
- Weapon Carrier Vehicle,
- Command and Control Vehicle,
- Armored Ambulance Vehicle
- Reconnaissance Vehicle
- Military Personnel Carrier Vehicle
- Logistic Vehicle
- Internal Security- Armored Police Carrier Vehicle ,
- Command and Control Vehicle
- Armored Money Carrier Vehicle ,
- Prisoner Carrier Vehicle,
- Fuel Carrier Vehicle ,

| | |
|-------------------|------------|
| Speed | : 110 km/h |
| Cruising Range | : 600 km |
| Gradient | : 30 % |
| Side Slope | : 20 % |
| Obstacle Climbing | : 50 cm |
| Trench Crossing | : 75 cm |



BMC 380



10 TON TACTICAL WHEELED VEHICLE

Usage Purpose of the product: Cargo and troop carrying, recovery, artillery carrying, artillery towing, fuel tanker, water tanker.

Technical specifications: GVW is 26Ton and payload is 10Ton with cargo & troop carrier body. Equipped with 380PS-engine, 6-speed automatic transmission, permanent all wheel drive with high/low speed transfer case and two-speed planetary gear reduction axles sprung by the combination of parabolic leaf springs, telescopic shock-absorbers and anti-roll bars, bogie system at rear. Air type brake system is installed. Vehicle can climb 60% gradient, pass 30% side slope and 80cm deep water, and has maximum speed of 100km/h, ground clearance of 40cm and cruising range of 1000km. The steel driver cabin is fitted with 3-seats, roof hatch and rifle racks.



BMC 827



20.000LT AIRCRAFT REFUELER

Usage Purpose of the product: Used for refueling of military aircrafts and helicopters.

Technical specifications: Chassis vehicle GWV is 30 ton; fitted with 3-seat-capacity steel driver cabin, 300PS-engine, 9-speed gear box, in 6x4 drive configuration, suspension system with leaf spring, shock absorbers and anti-roll bars; rear axles in bogie system. Vehicle has driver cabin fitted with independent cabin heater and A/C, can be equipped with ABS brake system and retarder. Superstructure has 20.000lt -capacity aluminum tank, pump capacity of 600 GPM (2271lt/min), fuel filter in API standards, hoses with automatic reels, fuelling nozzles/adapters, automatic fire extinguishing system, and grounding systems. Superstructured vehicle is in NFPA standards and can be transported by C-130 Aircraft.



LAND ROVER DEFENDER



LAND ROVER DEFENDER

Otokar manufactures Land Rover Defender model 4x4 tactical vehicles under Land Rover license in parallel with customer needs. Thanks to its varied body styles and wheelbases, Defender has the optimum seating and load flexibility for military usage. With adaptable and robust design features, vehicle forms very suitable platform for various conversions. Otokar manufactures special bodies on Defenders for field ambulance applications, command vehicles, troop carriers, search and rescue vehicles, field workshop vehicles or weapon platforms. Defender is equipped with 2.2 lt turbo diesel engine specifically tuned for off-road capability which has an outstanding performance with a maximum torque of 360Nm's.



LAND PLATFORMS

WHEELED VEHICLES

4X4 TACTICAL WHEELED ARMOURED VEHICLE

COBRA is a distinguished armoured vehicle with superior mobility and survivability and always ready for the mission.

The optimized body angles of COBRA's monocoque hull provides a remarkable ballistic protection to the crew and the critical mechanical components.

COBRA is a multipurpose platform that can be adapted for various roles and missions; including personnel carrier, weapon platform, NBC reconnaissance, ground surveillance radar, forward observer, ambulance and command post variants with optional amphibious feature.

As a combat proven platform; COBRA is in active duty with armed forces throughout the world and operated in diverse terrain and climatic conditions.

GVW : 6300 kg
Crew Capacity : Up to 9
Power to Weight Ratio : 30 HP/ton



Otokar

COBRA



COBRA II



4X4 TACTICAL WHEELED ARMOURED VEHICLE

COBRA II 4x4 Tactical Wheeled Armoured Vehicle is a modular platform with superior technical and tactical characteristics which is developed over existing COBRA Vehicle.

Besides outstanding mobility, COBRA II provides higher ballistic and mine protection, increased payload capacity and internal volume.

With its wide range of weapon integration and mission equipment options COBRA II can serve various types of missions including urban and peacekeeping missions with optional amphibious feature.

The vehicle provides a remarkable performance in a wide range of challenging terrains and climatic conditions.

GVW : 12000 kg
Crew Capacity : Up to 10



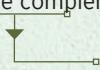
Otokar

4X4 TACTICAL WHEELED ARMOURED VEHICLE

URAL armoured personnel carrier is a versatile modular platform and an innovative feature set, that fulfils the requirements of even the most demanding missions. An all-around armoured hull fully protects the personnel against various threats; and thanks to the vehicle's ample interior space, ergonomic full-size seats, parabolic spring suspension and biggest tire size in its class, URAL provides superior personnel comfort as well.

Top-notch powertrain components assembled onto a high strength chassis maximize vehicle's off-road performance, whereas elastic components between the body and the chassis help minimize the cabin vibrations on different terrains. Optimized modular body construction design enables many configurations and assembly of various weapons/equipment required by diverse missions, hence complementing 'single vehicle for multi operations' philosophy.

GVW : 6500 kg
Crew Capacity : Up to 10



Otokar

URAL



ZPT



ARMOURED PATROL VEHICLE

The Otokar Armoured Patrol Vehicle is a versatile 4x4 armoured vehicle with its high maneuverability, unique stability and superior terrain capability. With a crew capacity of up to 8 personnel including the commander and driver; APV is provided with various options to be used for many missions required by paramilitary and security forces.

APV is available in various types of configurations such as Personnel Carrier, Police Vehicle, Patrol Vehicle, Ambulance, Workshop, Command Post variants.

GVW : 4100 kg
Crew Capacity : Up to 8



Otokar



SPECIALIZED VEHICLES

LAND PLATFORMS

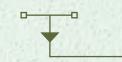
EJDER TOMA



EJDER RCV (RIOT CONTROL VEHICLE)

Ejder TOMA is a para-military type vehicle meeting the requirements of Security Forces for fast and effective dispersion of the riots. EJDER TOMA has better road and off-road performance and ballistic protection than present TOMA's. EJDER TOMA is the first and indigenous TOMA that is designed and produced as armored. Its water cannon can use water, water-dye, water-foam and water-tear gas mixtures. Self-Protection System, hydraulic bulldozer, gas nozzles, fire-extinguishing nozzles and such equipments are provided.

| | |
|----------------------|----------------------|
| Max Speed | :110km/sa |
| Range | :750km |
| Climbing/slide slope | : 30/30% |
| Tires | : Run-Flat |
| Fuel Depot | : 300 lt |
| Water Tank | : 5000 lt |
| Maximum Tork | : 1100 Nm (1.200 dd) |



nurol
MAKINA VE SANAYI A.Ş.

ILGAZ 4X4 INTERNAL SECURITY VEHICLE

ILGAZ 4X4, satisfies the operational requirements of military units and security forces in rural and urban areas. It is a dynamic, agile, modular, versatile, easy care and low maintenance security vehicle. By its great features, ILGAZ4X4 is an ideal platform for various applications such as "Interior Security"

| | |
|-------------|--------------------------------------|
| Crew | : 9 personnel (2 front+ 7 back) |
| Range | : 400 km |
| Gradient | : %60 |
| Slide Slope | : %30 |
| Suspension | : Front: Double wishbone |
| Back | : 4 wishbone with helical and damper |
| Fording | : 0.7 m |
| Max.Speed | : 110 km/h |
| Max.Output | : 272 HP @ 3.600 Rpm |



ILGAZ
MAKINA VE SANAYI A.Ş.

TOMA



RCV (RIOT CONTROL VEHICLE)

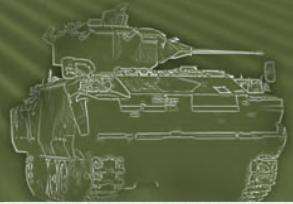
TOMA is equipped with the advance technology to meet the primary requirements of security forces. It is a very effective vehicle in suppressing and controlling riot activities, therefore in active use of Turkish National Police and The Turkish Gendarmerie as well as the security forces of Azerbaijan, Libya, Zimbabwe, Georgia and Kazakhstan. Depending on the chassis type, TOMA can have 4x4, 4x2, 6x4, 6x2 or 6x6 transfer types. TOMA has a ballistic protection design that protects the vehicle cabin, fuel tank, power supply and air tank.

- Run-Flat Tires
- 10-26 ton operational weight (different water tank capacity options)
- Self Protection systems
 - Armoured Cabin
 - Back and front gas nozzle system
 - Glass protection
 - Fire extinction system
 - Ballistic protection at critical systems
- Announcement, siren and light systems
- Bulldozer
- Water, foam and teargas tanks
- Different combination of water, gas and foam

nurol
MAKINA VE SANAYI A.Ş.

LAND PLATFORMS

SPECIALIZED VEHICLES



ARMORED AMPHIBIOUS ASSAULT BRIDGE

The AAAB System is a bridge and ferry system designed for the armies' fast and safe transport through the rivers in the battlefield. With its diesel engine, automatic transmission, pneumatic suspension and hydraulic brake system, the AAAB system can climb up to 50% gradient and move on 30% side slope. The system has an 8x8 drive system with a central tire inflation system. The AAAB system has two water pump jets that provide the water operations and 360° movements in the water. The system can operate in water currents up to 2.5m/s. As a ferry, the AAAB system can transport MLC 21 tracked vehicles. By deploying the ramps, which are carried by a hydraulic crane, and joining two systems, MLC70 T vehicle can be transported. By coupling three systems from ramp to ramp MLC100 W vehicle can be transported through a river. As well as the role as a ferry, 12 AAAB systems can be coupled and constructed as a 150m long bridge for crossing of vehicles up to MLC100 W. As nationally designed and developed amphibious bridge system in Turkey, the AAAB system has some additional specifications among its kind. It can carry 4 ramps on a single system.



AAAB



AZMİM



DISCREETLY ARMoured STATION WAGON

Discreetly Armoured Station Wagon combines the ultimate on and off road performance with a ballistically tested armoured body to build to military standards with the view of Land Rover Defender 110 Station Wagon.

The vehicle provides an ideal solution for the many VIP's, executives and other public and military figures who are under threat of attack. Vehicle provides a reliable and protected transport for UN-missions and other peace keeping activities.

GVW: 3600 kg

Crew Capacity: Up to 5

AMPHIBIOUS ARMORED COMBAT EARTHO MOVER

AACE is an amphibious, armored, tracked, combat earthmover to be used for preparation of the river banks in crossing over operations. It is capable of performing Bulldozing, Rough Grading, Excavating, Hauling, and Scraping operations. As compared to standard work machines, AACE has the capability to take in ballast from the soil ground to its ballast canister when necessary and discharge it at the end of the operation. One of the most important features AACE has is that it is amphibious and has the capacity for 2 crews. AACE has modern electronic systems like day and night cameras, multi-function LCD monitor and air-condition.



DISCREETLY ARMoured SW



GLOBİKA



GLOBİKA UNMANNED LAND VEHICLE

In the design process of GLOBİKA, Unmanned Land Vehicle, cutting edge software programs are used while composite material is selected for body production. Further, GLOBİKA is environmental friendly with its electric driven engines. GLOBİKA is a robot platform that is able to be controlled remotely over a control center, to reach the target points assigned by the center without any aid, to convey the images taken by the fixed and moving cameras installed to the center, and to be able to act either manually or autonomously. The sizes of GLOBİKA are 2m in length, 0,95m in width, and 1.2m in height and the weight is 250 kg. It is electric driven and can be used in 3 different modes, namely autonomous, manual and training modes. On GLOBİKA, there are surveillance and drive cameras featuring pan/tilt and zooming while performing instant image transfer. Required payloads can be placed on the vehicle. GLOBİKA is able to render service for 8 hours.





SPECIALIZED VEHICLES

LAND PLATFORMS

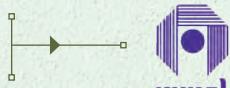
TOMA



RIOT CONTROL VEHICLE

TOMA is equipped with the advance technology to meet the primary requirements of security forces. It is a very effective vehicle in suppressing and controlling riot activities, therefore in active use of Turkish National Police and The Turkish Gendarmerie as well as the security forces of Azerbaijan, Libya, Zimbabwe, Georgia and Kazakhstan. Depending on the chassis type, TOMA can have 4x4, 4x2, 6x4, 6x2 or 6x6 transfer types. TOMA has a ballistic protection design that protects the vehicle cabin, fuel tank, power supply and air tank.

- Slope: %30
- Run-Flat Tires
- Self Protection System
- Water, Tear Gas, Dye, Foam Tanks



ISV

INTERNAL SECURITY VEHICLE - PERSONNEL CARRIER

ISV Internal Security Vehicle is designed and developed for various public security missions. ISV is the right solution for personnel carriage in risky territories with its high level of armor protection. Thanks to its high and imposing appearance, ISV attracts attention in the crowd and discourages groups by generating a psychological effect on them. Through the high seating position gives a better view of the riot scene, increases situation awareness and helps anti-riot tactics planning. The lean and flat outer body panels prevent rioters from climbing on the vehicle, and the inclined roof top does not allow flammable and flaring materials, like Molotov cocktail stick on the roof.

ISV is available in various types of configurations such as Armoured Personnel Carrier, Command Control and Water Cannon variants.

GWV : 18000 kg
Crew Capacity : Up to 16



ISV



INTERNAL SECURITY VEHICLE - WATER CANNON

Zırhlı İç Güvenlik Aracı, farklı iç güvenlik görevleri için tasarlanmış ve geliştirilmiştir. Yüksek ve heybetli görünümü, kalabalıklarda fark edilmesini sağlarken, kargaşa esnasında kalabalık üzerinde cesareti kırıcı bir psikolojik etki yaratır. Otokar Zırhlı İç Güvenlik Aracı'nın Su Topu versiyonu, sürücü ve operatöri için zırhlı bir ön kabin ve arkaya yerleştirilmiş su topu sisteminden oluşur. Aracın arkasında su topu sistemini çalıştırmak üzere yardımcı bir motor bulunur. Su tankı, yardımcı motor ve sistem parçaları, araç dışından atılan objelere karşı yüksek sertlikte çelik ile koruma altına alınmıştır.

Zırhlı Personel Taşıyıcı, Komuta Kontrol ve Toplumsal Olaylara Müdahale aracı gibi farklı görevlere uygundur.

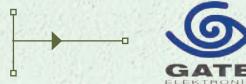
Muharebe Yüklü Ağırlık: 18000



BOMB DISPOSAL ROBOT

UKR-Bomb Disposal Robot which can perform under harsh environmental conditions and is designed to replace the human role in dangerous operations. It can dispose bombs, perform under vehicle control, indoor and outdoor investigation. Images from 4 different cameras can be sent to control station and operator.

- Pan tilt camera system enables 360 degree viewing
- UKR has got 6 axis manipulator.
- Left and right water balls, laser marker and LED lighting system.
- UKR can be controlled remotely up to 50m indoors and up to 200m outdoors through Joystick and LCD display.
- UKR can climb on a 40 degrees elevation.
- Operation time is minimum 2 hours.



UKR



LAND PLATFORMS

SPECIALIZED VEHICLES



KAPLAN - EXPLOSIVE ORDNANCE DISPOSAL RO

KAPLAN Explosive Ordnance Disposal (EOD) Robot is a genuine product for disposal of explosives from a safe distance under demanding conditions. Equipped with the latest technology, KAPLAN EOD's core competencies are its strength, endurance and ease of control.

KAPLAN enables the bomb squads to examine a suspicious object from at least 500 meters and is equipped with a versatile robotic arm for detailed inspection and disposal of explosives. The agile vehicle platform provides enhanced mobility on various terrains such as snow, mud, rock piles and steep slopes and stairs. Vehicles suspension system ensures a smooth drive on most difficult terrains.



aselsan

KAPLAN



KAPLAN



aselsan

IMPROVISED EXPLOSIVE DEVICE (IED) DETECTION ROBOT

KAPLAN Improvised Explosive Device (IED) Detection Robot is a genuine product for detection of explosives from a safe distance under demanding conditions. KAPLAN IED Robot is equipped with a state of the art IED Detection Kit, which includes a Ground Penetrating Radar and a Magnetic Detector.

The system provides an integrated surveillance camera that enables high resolution and real time monitoring of the route through the remote Control Station. KAPLAN IED Detection Robot also has the capability of establishing a safe route and precision marking of the detected threats and explosives with its integrated marking system.

REMOTE OPERATED EOD/IED

- Up to 1km range Remote Operated Robot Vehicle for EOD and IEDD applications
- Tracked mobile platform for all kinds of terrain with high climbing ability and movability.
- Integrated 6 axis robotic manipulator for dearming and disruption.
- High precision surveillance camera system with day/night vision and zooming function.
- Wireless and cable operation up to 1 km with cripted data and video communication system.



ELEKTROLAND

EOD/IED



ROBAS



GATE
ELEKTRONIK

REMOTELY CONTROLLED UNMANNED GROUND VEHICLE

ROBAS is a remotely controlled unmanned ground vehicle which can perform 3-D mapping under harsh environmental conditions. Using its thermal camera, it can operate at night besides day - time operation. ROBAS is designed to fulfill military based surveillance missions in regions where the use of troops is dangerous.

- Controllability Limit 1 km (RF link)
- Environment: Asphalt, Stabilized Road, Land, Stairs
- Obstacle Overjump: 80 cm
- Max Speed: 10 km/hour
- Endurance Time: 4 hour
- Range: 25 km