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Series Models from Basic Platform

Series Models from A Platform

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Series Models from Chassis Retrofitting



Mainly used for personnel transportation, and as the transportation and launch platform for light weapons, light artillery, light anti-tank missiles and air defense missiles.

Characteristics

Cab members	10
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2220
Total height/(mm)	2500
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



Mainly used for personnel transportation, and as the transportation and launch platform for light weapons, light artillery, light anti-tank missiles and air defense missiles.

Characteristics

Cab members	10
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2220
Total height/(mm)	2500
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600

EQ 2050A



Mainly used for the combat teams to perform maneuver, assault, reconnaissance, patrol and other tasks, and to modify various special vehicles for confidential, surveying and mapping, electronic information, etc.

Characteristics

Cab members	4
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2200
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





Mainly used for the troops (units) at all levels perform command, communication, reconnaissance, patrol and other tasks, and to modify various special vehicles for confidential, surveying and mapping, electronic information, etc.

Characteristics

Cab members	4
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2200
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2050D



Mainly used for the troops (units) at all levels to perform transportation, support and other tasks, and to modify various special vehicles for equipment maintenance, logistics support, etc.

Characteristics

Cab members	4
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2200
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2050E



Mainly used for the troops (units) at all levels to perform transportation, support and other tasks, and to modify various special vehicles for equipment maintenance, logistics support, etc.

Characteristics

Cab members	4
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Tractor mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2200
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





Used for the troops (units) at all levels to perform command, maneuver, investigation, patrol and other tasks, and to modify vehicles for logistics support, electronic communication, reconnaissance. etc.

Characteristics

Cab members	4
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2200
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





Mainly used for deployment of combat teams of special operation forces, motorized forces and airborne troops, and to perform battlefield maneuvering, special operations, combat support, airborne assaults, security patrols and other combat tasks as a mobile combat platform.

Characteristics

Cab members	8
Driving mode	4×4
Maximum total mass/(kg)	5000
Loading mass/(kg)	1500
Traction mass/(kg)	2000
Total length/(mm)	4750
Total width/(mm)	2200
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	105
Fuel type	Diesel
Endurance mileage on highway (km)	≥600







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EQ 2060MTCT2A



Mainly used for corp, division, brigade and regiment-level commanders to ride when commanding and moving between command posts at all levels and forward positions, ensuring commanders to perform necessary command tasks. It can also be connected to command posts at all levels according to operational needs.

Characteristics

Cab members	6
Driving mode	4×4
Maximum total mass/(kg)	6300
Loading mass/(kg)	1400
Traction mass/(kg)	2000
Total length/(mm)	5000
Total width/(mm)	2400
Total height/(mm)	2100
Wheelbase/(mm)	3300
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2060MTCT3



Mainly ensuring pilot construction of one regiment and five battalions to replace with light general tactical vehicles. It can be added with light weapons such as heavy machine guns and grenade launchers, as well as informationization equipment such as radio stations and second-generation Beidou navigation equipment, and taken as the combat vehicle for infantry combat team to perform tasks such as rapid deployment on the battlefield and mobile assault.

Characteristics

Cab members	6
Driving mode	4×4
Maximum total mass/(kg)	6300
Loading mass/(kg)	1200
Traction mass/(kg)	2000
Total length/(mm)	5600
Total width/(mm)	2400
Total height/(mm)	2500
Wheelbase/(mm)	4000
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





Mainly used for the troops (units) at all levels to perform command, maneuver, investigation, patrol and other tasks, and to modify vehicles for logistics support, electronic communication, reconnaissance. etc.

Characteristics

Cab members	6
Driving mode	4×4
Maximum total mass/(kg)	6000
Loading mass/(kg)	2100
Traction mass/(kg)	2000
Total length/(mm)	5700
Total width/(mm)	2400
Total height/(mm)	2100
Wheelbase/(mm)	3800
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





Mainly used for the troops (units) at all levels to perform command, maneuver, investigation, patrol and other tasks, and to modify vehicles for logistics support, electronic communication, reconnaissance. etc.

Characteristics

Cab members	6
Driving mode	4×4
Maximum total mass/(kg)	6000
Loading mass/(kg)	1700
Traction mass/(kg)	2000
Total length/(mm)	5700
Total width/(mm)	2400
Total height/(mm)	2500
Wheelbase/(mm)	3800
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2063B



Mainly used for the troops (units) at all levels to perform command, maneuver, investigation, patrol and other tasks, and to modify vehicles for logistics support, electronic communication, reconnaissance. etc.

Characteristics

Cab members	2
Driving mode	4×4
Maximum total mass/(kg)	6000
Loading mass/(kg)	2000
Traction mass/(kg)	2000
Total length/(mm)	5600
Total width/(mm)	2400
Total height/(mm)	2500
Wheelbase/(mm)	3800
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2063EYY6J



Characteristics

Cab members	2
Driving mode	4×4
Maximum total mass/(kg)	6000
Loading mass/(kg)	2000
Traction mass/(kg)	2000
Total length/(mm)	5300
Total width/(mm)	2300
Total height/(mm)	2100
Wheelbase/(mm)	3800
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





The trailer can coordinate with general tactical vehicles to form an effective transportation and maneuver platform for conveying of ammunition, weapons, military supplies and other accompanying materials and equipment.

Characteristics

Form	Center axle trailer
Number of wheels	2
Total length/(mm)	4000
Total width/(mm)	2200
Total height/(mm)	2000
Wheelbase mm	1800
Total mass (kg)	2000
Maximum loading mass kg	1000





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EQ 2083MCTA



Mainly used for deployment of light and high-mobility force, and as the combat platform for the infantry combat team.

Characteristics

Cab members	2
Driving mode	4×4
Maximum total mass/(kg)	8000
Loading mass/(kg)	1800
Traction mass/(kg)	2000
Total length/(mm)	5800
Total width/(mm)	2400
Total height/(mm)	2800
Wheelbase/(mm)	4000
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2085MCT



Mainly used for deployment of light and high-mobility force, and as the combat platform for the infantry combat team.

Characteristics

Cab members	2
Driving mode	4×4
Maximum total mass/(kg)	8000
Loading mass/(kg)	2000
Traction mass/(kg)	2000
Total length/(mm)	5200
Total width/(mm)	2400
Total height/(mm)	2150
Wheelbase/(mm)	4000
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2101EB



Mainly used for modification and supporting of artillery, anti-tank missiles, air defense missiles, assault bridges and other conventional equipment, and can also be used for modification and supporting of informationization equipment, logistics equipment., etc.

Characteristics

Cab members	2
Driving mode	4×4
Maximum total mass/(kg)	10500
Loading mass/(kg)	4050
Traction mass/(kg)	2000
Total length/(mm)	6500
Total width/(mm)	2400
Total height/(mm)	2200
Wheelbase/(mm)	3600+1200
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2101MB



Mainly used for modification and supporting of artillery, anti-tank missiles, air defense missiles, assault bridges and other conventional equipment, and can also be used for modification and supporting of informationization equipment, logistics equipment., etc.

Characteristics

Cab members	2
Driving mode	4×4
Maximum total mass/(kg)	10500
Loading mass/(kg)	4000
Traction mass/(kg)	2000
Total length/(mm)	6500
Total width/(mm)	2400
Total height/(mm)	2200
Wheelbase/(mm)	3600+1200
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600



EQ 2101MCTB



Mainly used for firepower and troop maneuvering, as well as equipment and material transportation, and provides a basic platform for retrofitting various special vehicles for light artillery, transportation, emergency repair, medical rescue, etc. It is mainly allocated to troops (units) at all levels of the whole army.

Characteristics

Cab members	2
Driving mode	6×6
Maximum total mass/(kg)	10000
Loading mass/(kg)	2000
Traction mass/(kg)	2000
Total length/(mm)	6500
Total width/(mm)	2400
Total height/(mm)	2800
Wheelbase/(mm)	3600+1200
Maximum speed/(km/h)	120
Fuel type	Diesel
Endurance mileage on highway (km)	≥600





The trailer can coordinate with general tactical vehicles to form an effective transportation and maneuver platform for conveying of ammunition, weapons, military supplies and other accompanying materials and equipment.

Characteristics

Form	Center axle trailer
Number of wheels	2
Total length/(mm)	4300
Total width/(mm)	2400
Total height/(mm)	2100
Wheelbase mm	2000
Total mass (kg)	2000
Maximum loading mass kg	1000





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CM-501GA precision strike weapon systems

Equipment

CM-501GA is a non-line-of-sight (NLOS) tactical missile weapon system, which is used to attack fixed / moving targets in tactical depth, including small fortifications, anti slope targets, ground vehicles, etc.

I. Main features:

1. The system is flexible in construction, and one martial control vehicle is equipped in standard to control 3 launch vehicles, and can also be integrated by single vehicle.
2. It has the ability to accurately attack fixed point targets and mobile targets in land battlefield.
3. It has high firepower density, can perform 4×4 box type vertical launching, 360° attack, with multiple firing capability, and the interval of continuous firing is 5S.
4. It has fast reaction speed, fire response time $\leq 1\text{min}$, system deployment and missile power supply preparation time $\leq 10\text{min}$, roll up time $\leq 4\text{min}$.
5. Box bomb integrated design, with convenience and fast speed guarantee.





**Weapon launch vehicle of TN-2
prevention and control missile system**

Equipment

Air defense missile launching vehicle can accurately attack armed helicopter, UAV, fixed wing aircraft and cruise missile, and realize 360° azimuth and 0° to 70° oblique launching of missile. The whole system has the characteristics of fast response speed, high mobility, good trafficability, strong anti infrared decoy interference ability and high precision in life. It can be used in single vehicle operation or multi vehicle network operation, and is suitable for accompanying air defense of field forces or air defense operations in key areas.



GAM-102 vehicle-borne general anti-tank missile system

Equipment

GAM-102 vehicle-borne anti-tank missile weapon system adopts advanced infrared homing guidance technology. It is mainly used to accurately attack tank, armored-vehicle, fortification and other ground targets. It can be equipped in motorized infantry brigade (regiment) and light mechanized infantry brigade (regiment). The missile system has the ability of "lock-on before launch, fire and forget", and can select two attack modes of top attack and direct attack. The launch vehicle is equipped with a set of lifting quadruple launching servo system. At the same time, it integrates fire-control system, observation and aiming device, launch control device and vehicle integrated power supply, which makes the system highly intelligent and easy to operate.





**Light air defense missile weapon
system combat vehicle**

Equipment

The light air defense missile weapon system combat vehicle is a self-propelled short-range air defense weapon system integrating search, tracking, firepower and communication functions. It is mainly used to complete the combat tasks of accompanying air defense and air defense of important places. The main combat objects are armed helicopters, fixed wing aircraft, UAVs, cruise missiles and other air targets. The product has been approved for export project, and the design has been finalized.

I. Its main technical features are as follows:

1. Have independent combat capability;
2. Ability to work on the move;
3. With light and highly mobile cross-country chassis, C-130 transport aircraft can be transported by air.



SH9 120MM



SH9 120 mm self propelled howitzer

Equipment

SH9 120 mm self-propelled howitzer is mainly deployed at brigade and battalion levels of light and highly mobile forces, providing accompanying suppression fire support for troops to carry out long-distance, large depth airborne operations and emergency mobile operations. The company is usually used as the basic firepower unit to carry out the shooting task. The main combat task is to suppress or annihilate the targets that hinder the combat operations of the light and high mobility brigades and battalions. It can also carry out tasks such as smoke blinding, arson and lighting shooting. SH9 120 mm self-propelled howitzer is mainly composed of fire system, fire control electrical system, chassis system and general direct subordinate parts.



CS/SS4 81/82MM



CS / SS4 81 / 82mm vehicle-borne rapid firing mortar weapon system

Equipment

CS / SS4 81 / 82mm vehicle-borne rapid firing mortar weapon system is mainly equipped in motorized forces, rapid reaction forces, mountain troops, air assault forces, amphibious forces, airborne troops, marine corps, border defense forces, and armed police, providing them with direct fire support through direct, semi direct and indirect firing modes, using fierce, accurate and sustained firepower to attack and destroy all kinds of targets in the enemy's field operations, such as the enemy's living strength, observation post, fire point, weapon launching position, light armored-vehicles, buildings, etc. CS / SS4 81 / 82mm vehicle-borne rapid firing mortar weapon system usually takes platoon as the basic fire unit to carry out firing task, and when necessary, it can also carry out firing task by company or single gun.



120 MM BORNE LIGHT MORTAR



120 mm vehicle-borne light mortar

Equipment

The greatest advantage of 120 mm light mortars is that they are simple in technology. They are equipped with mature equipment such as "Mengshi" high-speed motor vehicles and W1986 mortars, and are assembled into a self-propelled mortar with excellent maneuverability. The artillery, gunners and ammunition are integrated into a vehicle, with strong independent combat power. In addition, the "Mengshi" vehicle mortar can be transported by medium-sized transport aircraft or large-scale transport helicopter. The strategic maneuverability is also excellent, and it is very suitable for equipment of some quick reaction forces.





CTL141 light rocket wrecker

Equipment

I. Functional use

CTL141 light rocket obstacle breaking vehicle is mainly used to open up access roads in anti infantry mine fields, barbed wire and other obstacles along with military operations,

II. Main features:

1. It can meet the operational requirements of motorized troops;
2. Loading a set of GBP128 vehicle-borne rocket blaster, and can be implemented 4 times maximally;
3. It has the mobility ability to coordinate with the main equipment of the troops it supports, and can adapt to various terrain environments such as plateau, hill, mountain, jungle, desert, etc.;
4. According to the depth requirements of road opening, it can launch rocket blaster sets of 3, 6, 9, 12 on board;
5. The rocket blaster can be launched in combination on the vehicle, and can also be disassembled from the vehicle to carry out single and multiple combined launching;
6. It can be interconnected with the motorized forces to meet the command and demand of integrated operations;



ARTILLERY GEODISC VEHICLE



Artillery geodesic vehicle

Equipment

Artillery geodesic vehicle mainly realizes positioning and orientation measurement function, and measures specified coordinates and azimuth. It is mainly used for encrypting (establishing) control network, continuously measuring battle formation, providing initial point and correction point for inertial positioning and navigation device of weapon system, rapidly establishing uniform coordinate reference in battlefield, providing artillery for reference firing direction. Main features:

1. The operation preparation time is short, with high precision, and simple maintenance;
2. There are various means of operation, including high-precision inertial navigation equipment, astronomical orientation and satellite positioning, which can be operated independently or in combination, and can be operated on or off the vehicle;
3. It has strong anti-jamming ability, autonomous operation of INS (Internal Navigation System), strong concealment, and is not interfered by external light, electricity and magnetism;
4. Integrated design, high integration, digital operation, easy operation, fault alarm, troubleshooting prompt ability.



WEELED LIGHT RECONNAISSANCE



Wheeled light reconnaissance vehicle

Equipment

Light special warfare reconnaissance vehicle is a ground reconnaissance and surveillance equipment which integrates photoelectric and radar. It can flexibly select multiple operation modes according to the environmental situation to meet the needs of all-weather, all-time, multi-target and multi-task. With the characteristics of rapid response, high mobility and strong survivability, it can carry out long-distance, large depth, high-precision reconnaissance and surveillance, target indication and fire guidance and other combat tasks.

I. Main features

1. It can be expanded, tailored and serially configured to meet the requirements of multi mission reconnaissance operations.
2. Multi channel and highly reliable information transmission and sharing make battlefield information transparent.
3. Battlefield target extraction, detection and tracking and fusion recognition greatly improve the combat effectiveness of equipment.
4. Combined function of reconnaissance mast lodging and high-precision leveling, internationally advanced.



ARTILLERY LIGHT RECONNAISSANCE



Artillery light reconnaissance vehicle

Equipment

The artillery light reconnaissance vehicle adopts the EQ2050 high mobility off-road vehicle as the carrier, integrating the main reconnaissance modules such as thermal imager, distance measuring equipment, electromechanical angle measurement, astronomical directional observation, and inertial navigation, satellite positioning, computer, communication equipment, etc. It integrates the functions of reconnaissance, communication, autonomous positioning, intelligence processing and shooting command, realizing information digitization and transmission automation and fulfilling the tasks of ground reconnaissance, calibration and command. It is mainly equipped with 120 forced howitzer company of infantry regiment and 120 howitzer company of artillery regiment, and is used as forward observation post or mobile post to complete reconnaissance and command tasks.





**SD-10A shooting laser
defense system**

Equipment

I. Function and application: the high-power fiber laser is used as the light source, integrating high-energy laser unit, tracking and aiming transmitting unit, energy unit, radar unit, radio detection unit, wireless voltage control unit and command and control unit, etc., forming a set of laser weapons with radio suppression, radio interference and laser damage functions. It can suppress, interfere and destroy low altitude aircraft within a certain distance.

II. Main features: unattended, remote control operation; fast strike effect, no noise, no pollution, no secondary damage.



S27 UAV



S27 UAV counter control system

Equipment

S27 UAV anti-aircraft system is mainly used to effectively detect small fixed wing UAV, multi rotor UAV, air floating balloon and other "low slow small" targets penetrating into our defense area, and comprehensively uses electronic interference, laser damage and other means to deal with the invading low slow small aircraft to ensure the safety of our defense area.



COMMUNICATION COMMAND VEHICLE



**High mobility Communication
command vehicle**

Equipment

Function and application: it has the command and communication ability of voice and data, the command and communication ability of high mobility satellite in motion, realizes the random access of tactical radio users within the coverage range, and provides 1-channel satellite, 1-way short wave, 3-ultra-short wave and LTE, wired, optical fiber and other communication means. With satellite, short wave, ultrashort wave, LTE, cable and optical fiber communication means, through the establishment of an integrated command and dispatch system, a variety of communication means are integrated and scheduled.



HIGH MOBILITY AMBULANCE



High mobility ambulance

Equipment

I. Main uses: it is used for rapid transportation of patients, and it can perform dressing, fixation, trauma hemostasis, ventilation, infusion, oxygen supply, ECG monitoring, defibrillation, pacing, monitoring, cardiopulmonary resuscitation, breathing, suction, etc.;

II. Functional features:

1. It has the characteristics of good off-road performance, strong mobility, fast and convenient operation, advanced technology and strong environmental adaptability;
2. Each time, it can transport 2 patients in lying position, or 1 patient in lying position and 3 patients in sitting position, or 6 patients in sitting position and 1 medical staff;



HIGH MOBILITY HEALTH



High mobility health and epidemic prevention vehicle

Equipment

It is mainly used for disinfection and insecticidal treatment of pathogenic microorganisms and vector insects such as mosquitoes and flies in the indoor and outdoor environment of army assembly sites, field hospitals, transfer stations for wounded and sick, army barracks and nearby residential areas in peacetime and wartime. It is a kind of mobile health equipment to prevent diseases caused by microorganisms and insect borne infectious diseases, to prevent the invasion of pests on human body and to prevent the spread of biological warfare agents. The car is equipped with disinfection and insecticidal equipment, electrical control system, monitoring system, automobile exhaust heating device, etc. The disinfection and insecticide equipment is equipped with multi function sprayer and fogging machine. The multifunctional sprayer is powered by vehicle generator, which can perform ultra low capacity, constant spray and smoke spray. The exhaust gas heating device ensures the temperature of the equipment room, and the monitoring system enables the operator to observe the epidemic prevention operation in the cab.





Police anti-terrorism land combat vehicle

Equipment

The system is mainly deployed to the armed police, special police, public security frontier defense, special combat forces and other combat units, and can also be deployed in the grass-roots police station, mainly to complete the tasks of emergency reconnaissance and anti-terrorism, so as to achieve the tactical goal of "annihilating once found". It is used to build a three-dimensional monitoring system of anti-terrorism reconnaissance / strike with UAV as the core and in line with the characteristics of Xinjiang regional environment, to realize the rapid perception of emergency scene, strengthen the anti-terrorism reconnaissance and disposal means, reduce the risk of personnel performing tasks, improve the emergency response ability, meet the special needs of Xinjiang anti-terrorism front-line air reconnaissance and on-site disposal, and provide basis for command and decision-making.



POLICE VEHICLE



Police off-road assault vehicle

Equipment

It is mainly used for the operation Platform of infantry combat teams and groups to carry out combat tasks such as rapid deployment, force and weapon delivery, and global mobility under the condition of joint operation. Meanwhile, it provides 4 × 4 general mobile Platform for the professional development of light and high mobility equipment of various arms. This wheeled chariot has strong combat survivability and combat strike capability, and is an important equipment for the armed police force to deal with emergencies and combat terrorist activities. anti-terrorism assault vehicle is a new generation of special combat equipment independently developed by China with all-weather combat capability in complex battlefield environment. It mainly performs tasks such as rapid deployment and mobile assault.

