

ARMORED VEHICLES MARKET REPORT 2019



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INTRODUCTION

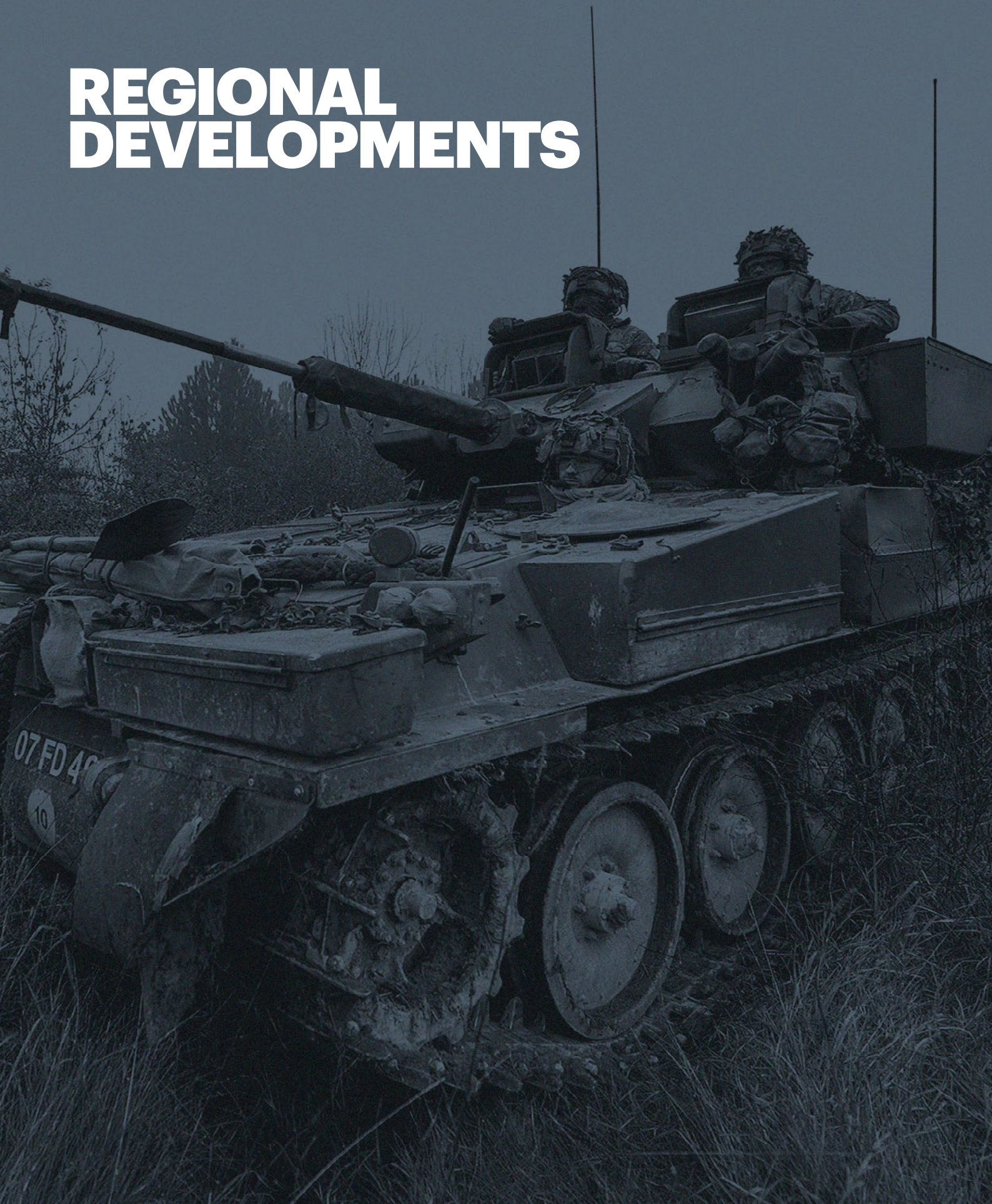
Within an ever changing strategic context, the market for armoured vehicles and related equipment has become even more wide-ranging. There has been a significant rise in the use of UGVs, artificial intelligence, virtual training and survivability equipment. Also, Active Protection Systems (APS) are being developed in lighter, cheaper and more accurate forms, supporting their case as a popular solution for the future battlespace. With all of the aforementioned in mind, the deployment of MBTs is still seen as a necessity by most in spite of climbing demand for light protected mobility.

Ahead of International Armoured Vehicles 2019 conference, Defence IQ has compiled this market report to outline global key programmes and future requirements across all types of armoured vehicles. In January, Senior Representatives from the below countries will share their current requirements and challenges with the audience made up of over 250 in industry experts and 400 military leaders.



AFGHANISTAN
NORWEGIAN
SLOVENIA
DENMARK
FRANCE
SOUTH AFRICA
GERMANY
BANGLADESH
EUROPE
LITHUANIA
AUSTRALIA
HUNGARY
UNITED KINGDOM
BELGIUM
SLOVAKIA
ITALY
ISRAEL
ZAMBIA
SWEDEN
MALAYSIA
MALAWI
UGANDA
CZECH REPUBLIC
SPAIN
U.S.A.

REGIONAL DEVELOPMENTS





AFRICA

Indian vehicle manufacturer Tata Motors has supplied 585 military vehicles to a variety of African countries for use in the UN's Multidimensional Integrated Stabilisation Mission in Mali (MINUSMA). Meanwhile, US donations and sales have been targeted chiefly at strengthening nations fighting Islamist insurgencies.



ANGOLA

Since 2016, Angola has been operating Chinese-made Norinco WMA301 tank destroyers – also in service in Cameroon, Chad, Djibouti, and Senegal – and the command-post variant of the WZ551 APC.



ALGERIA

Algeria has formed a partnership with the UAE to jointly produce NIMR vehicles for its military, police and peacekeeping forces.

It has been reported that Algeria ordered 300 BMPT Terminator tank support vehicles from Russian manufacturer UralVagonZavod. The contract was signed in April 2016 and deliveries will start in the first quarter of 2018 and are planned to finish at the end of 2019. Algeria continues to buy a significant amount of military hardware from Russia, such as the TOS-1A multiple rocket launcher, operating on a T-92 or T-90 tank chassis, both manufactured by UralVagonZavod.



CAMEROON

Cameroon, Iraq and Somalia will be the recipients of 1 543 vehicles supplied by Oshkosh Defence under a \$378 million contract.



EGYPT

Egypt's security forces received an initial shipment of MRAPs from the US in May, with a total of 762 vehicles scheduled to be transferred throughout the year.

Reports suggest Egypt is looking to buy 50 Tigr armoured vehicles from Russia's Military Industrial Company (VPK), for its police forces. The advanced features of the GAZ 4x4 include a stronger armour, embrasures in the windows, two hatches and a tow rope on the roof, an improved braking system, and flexibility in all terrain, including its ability to operate in water 1.2 metres deep. The country is modernising its armoured vehicle fleet to maximise efficiency of COIN in the northern part of the Sinai peninsula.



GHANA

Ghana has a requirement for new wheeled armoured vehicles to upgrade its mobile warfare capability across five infantry battalions.



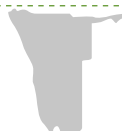
KENYA

July 2017 saw the Kenyan Police Service take delivery of at least six additional JINO riot control vehicles in anticipation of public protests around the August general elections.



MOROCCO

Morocco Royal Armed Forces have received in November 2017 a third batch of American Abrams tanks, after the two first batches were delivered in July 2016 and September 2017. This comes under a Army's Excess Defence Articles programme contract signed between Morocco and the United States in September 2015 consisting of 220 Abrams tanks refurbished for the Royal Armed Forces. The tanks are a mix of the M1A1 and M1A2 model and are coloured with camouflage designed specifically for Morocco.



NAMIBIA

Namibia has received eight 9.5t RG32M MRAPs from South Africa's Denel Vehicle Systems.



NIGERIA

The Nigerian military received the first 25 of 177 Streit Group 4x4 armoured vehicles, including TYPHOON MRAPs and SPARTAN APCs, in June 2017. Streit has also partnered with the Nigerian Armed Forces to develop the IGIRIGI, a new armoured 4x4 based on the SPARTAN platform (Ford F-150 chassis).

September 2017 also saw Nigeria receive 200 armoured fighting vehicles donated by Jordan, to support their fight against insurgency.

The country's state-owned Defence Industry Corporation of Nigeria (DICON) launched a new Public-Private Partnerships (PPP) unit in May 2016 with a new joint venture with local armoured vehicle manufacturer Proforce Limited. The development should see the design and manufacture of new APCs for the Nigerian military. DICON is currently carrying out the refurbishment and upgrade of SCORPION light tanks, Steyr tracked APCs and MOWAG (now General Dynamics European Land Systems – GDELS) APCs.



SENEGAL

2017 saw delivery of ONCILLA armoured vehicles, a variant of the Ukrainian DOZOR-B 4x4 light armoured vehicle.



SOMALIA

Somalia's forces are upgrading their own equipment, with a fleet of new tactical vehicles unveiled by the Somali National Army in September 2017. These consist of around a dozen Chinese-built Shaanxi Baoji Special Vehicles Company TIGER 4x4 LAVs, which are believed to have been donated as Second hand equipment by the Chinese government.



SOUTH AFRICA

As of May 2017, Pretoria-based SVI Engineering has completed development of its MAX APC.



TUNISIA

Germany has announced plans to give Tunisia (and Jordan) funds to buy armoured vehicles to help combat IS. Military equipment was also pledged by Russia in March 2016 after Tunis requested Moscow's assistance in preventing militants from crossing the border from Libya.

The first of Edjer Yalçın 4x4 armoured combat vehicles manufactured by Turkish company Nurol Makina has entered service in Tunisia in June 2017. The contract reportedly covers 70 units equipped with teleoperated turrets. The vehicle features a V-shaped hull design, integrating floating floor plates and blast mitigation seating to provide protection against mines and IEDs. It can accommodate up to 11 personnel and can carry a payload of up to 4 tons. It is equipped with optionally integrated, remote-controlled and manually-operated weapon stations and is fitted with two gun ports on the roof. The optional armament mounted on the vehicle includes 7.62mm and 12.7mm machine guns, a 25mm anti-aircraft gun and a 40mm automatic grenade launcher. The Edjer Yalçın has been a commercial success and can be customised to meet different operational requirements for missions such as Border Surveillance and Security Vehicle, Air Defence Vehicle, Reconnaissance Vehicle, Command and Control Vehicle, Mine/IED Detection-Clearance Vehicle, Combat Vehicle, Personnel Carrier, CBRN Surveillance Vehicle, Tactical Missile Carriage/Launch System and Armoured Ambulance.



UGANDA

In September 2017, Uganda received a contingent of Acmat BASTION APCs from the US to serve in AMISOM in an arrangement that included spare parts and maintenance team trainers.



ZIMBABWE

The Zimbabwean government signed off a \$380 million defence budget in 2015 – up from \$356 million, with around \$50 million intended for the procurement of 633 armoured vehicles, including all-terrain troop transport trucks.



Cameroon, Iraq and Somalia will be the recipients of 1543 vehicles supplied by Oshkosh Defence under a \$378 million contract.



Picture: Oshkosh Defence



EUROPE



AUSTRIA

Austria ordered 32 BvS10 articulated all-terrain vehicles (ATV) from BAE Systems in July 2016 at a cost of \$95 million. Deliveries are currently scheduled from late 2017 to late 2019.

The Austrian Army plans to field a common RWS across a significant part of its AFV fleet.



BELGIUM

In the country's largest land forces procurement deal, Belgium approved the procurement of 60 JAGUAR AFVs and 417 GRIFFON light combat vehicles (to replace the PIRANHA and DINGO following their possible upgrade programmes) currently under development in France.

The new vehicles will enter service between 2025 and 2030. The GRIFFON is to be procured in APC, medical, and reconnaissance variants, while the JAGUAR will be armed with a 40mm cased telescoped cannon armed turret, two MBDA MMP anti-tank missiles, and an RWS.

Under the proposals for new investment into all services, the army is earmarked to receive new wheeled vehicles.



The Czech MoD is looking to procure 210 tracked armoured vehicles for the army in order to replace its current fleet of obsolete Russian-designed BMP-2 tracked IFVs and APCs



CROATIA

Within the 2017 procurement plan, the Croatian MoD aims to purchase engineering equipment, military trucks and water tanks, MRAP vehicle parts and M-84 tank upgrades, among a range of other platforms and systems.

The Croatian Army is also planning to modernise its Armoured Mechanised Guards Brigade, made of M-84/M-84A main battle tanks and BVP M-80A infantry fighting vehicles and the vehicles will receive firepower, mission systems and communication enhancements. The Croatian Army currently operates 75 M-84/A MBTs, four of which used as part of a tank driver training company. The remaining 71 have outdated equipment, including communications systems and a lack of thermal imaging capability.



CZECHIA

The Czech MoD is looking to procure 210 tracked armoured vehicles for the army in order to replace its current fleet of obsolete Russian-designed BMP-2 tracked IFVs and APCs. Once the contract – worth \$2 billion – is signed, deliveries are anticipated to begin in 2019 and take place over the ensuing ten years. Among the expected bidders are Zetor Tractors, which has developed a new tracked IFV for military-use in the form of the WOLFDog.

January 2017 saw the Czech MoD award a \$82 million contract to Tatra Defence Vehicle for the procurement of 20 specialised versions of the GDELS PANDUR II 8x8 for the Army. Later reports confirmed that plans will also proceed with a \$1.9 billion urgent requirements deal on 200 new AFVs to replace over 200 ageing Soviet-era BVPs. Live-demonstration industry days schedules for mid-2017 will be open to both domestic and foreign manufacturers, and the aim is to award a contract in 2019 for deliveries to begin in 2020.



DENMARK

Denmark recently placed an order for 309 PIRANHA 5 vehicles in a deal worth \$651 million, with deliveries scheduled to take place from 2018-2023. The first seven pre-production models had been delivered by May 2017. The new fleet will replace the M113 series tracked armoured vehicles of the Royal Danish Army.

Also now on order for the army are an initial 36 GDELS EAGLE V 4x4 high-mobility protected patrol vehicles. The contract has options for further variants including EW, logistics and reconnaissance vehicles. Deliveries will be complete in April 2019, with pre-serial vehicles to be delivered in April 2018.



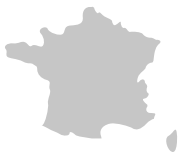
ESTONIA

Estonian UGV manufacturer MILREM and the Estonian National Defence College are developing CONOPS for the deployment of UGVs in support of battalion-level infantry missions.



FINLAND

A delivery of 20 surplus LEOPARD 2A6 MBTs from the Netherlands is expected to be completed in 2019 in a \$221 million investment into Finland's long-term strike force. Meanwhile, Finland-based Patria's delivery of 71 renovated XA-180 6x6 APCs for the Finnish Defence Forces was scheduled for completion in 2017, with the possibility of 210 more vehicles contracted for refurbishment.



FRANCE

GRIFFON will replace the 4x4 VAB light armoured transport vehicle (from 2018), while JAGUAR will replace a range of other wheeled combat vehicles in service, such as the ERC90 SAGAIE and the AMX 10RC.

The Army is to receive JAGUAR by the end of 2020. In total, 110 of these vehicles will be inducted through to 2025 as part of Step One of SCORPION, and the remaining units during Step Two, with deliveries to be completed in 2032.

The modernisation of the Army's LECLERC MBT will see two prototypes completed in late 2018 for trials by DGA and the STAT. The two prototypes will be followed by an initial serial production modernised vehicle to be delivered in 2020, with the last scheduled to be inducted by the French Army in 2028. A contract worth approx. \$366 million to modernise 200 of the MBTs and 18 existing DCL armoured recovery vehicles to LECLERC Rénové (XLR) and DCL Rénové (DCLR) standards respectively was awarded on the 5th March 2015. France is also considering the feasibility of modernising additional MBTs.



GERMANY

As part of its modernisation, Germany is preparing to adopt the PUMA IFV with full rate production of 66 units per year set to be achieved from 2017. 350 units will be supplied to the German Army by 2020 (reduced from an initial order of 405). Sources say there remains the prospect of an additional order of between 100 and 200 units.

July 2017 also saw ARTEC awarded a \$107 million contract to modernise 246 BOXERS between 2018 and 2023.

Rheinmetall MAN Military Vehicles (RMMV) has entered a framework agreement with the BAABw to supply a total of 2,271 HX2 family vehicles with a gross value of approx. \$900 million. An initial lot of 558 trucks with a gross value of approx €240 million has been taken under contract.

Delivery of the first lot will take place from 2018-2021. The Dutch Defence Materiel Organisation (DMO), responsible for the bilateral FENNEK programme, has ordered the modification of 30 FENNEK reconnaissance vehicles to Joint Fire Support Team JFST 1A3+ status for the German Army on behalf of BAABw.

September 2017 saw Rheinmetall awarded

\$318 million for work to upgrade 104 German LEOPARD 2 MBTs to the latest LEOPARD 2A7v configuration. 68 LEOPARD 2A4s will be upgraded with the most recent L55A1 120mm smoothbore main gun.



ITALY

Recent efforts to purchase up to 381 FRECCIA 8x8 multirole armoured vehicles from CIO had been set to cost around \$3 billion, with acquisitions spread over the coming years until 2024. However, reports in 2016 suggested that the plan to build a second brigade on the basis of the FRECCIA received only \$23.58 million in funding, prompted concerns that the rate of production could be drawn out for far longer than the 2024 deadline.

\$180 million is understood to have been earmarked for the new CENTAURO II wheeled tank programme – an upgrade to the existing Italian tank and benefiting from a 120mm gun and 720hp engine. Up to 150 of these vehicles may eventually be ordered. The army received the prototype in 2016, with tests running throughout 2017. However approval for a \$582 million first tranche order is still to be approved.

Previously announced armoured vehicle priorities include the completion of upgrades to the ARIETE MBTs and the DARDO IFVs to urgently upgrade IED protection. UGVs are also being closely considered for future Italian procurement as the technology matures and new innovations enter the market.



LITHUANIA

The Lithuanian State Defence Council approved negotiations with Germany's ARTEC for the purchase of 88 GTK BOXER 8x8 modular AFVs under a \$435 million contract. Deliveries will be completed in 2019. The first vehicles are expected to be received in 2017, with delivery expected to complete by 2019.



THE NETHERLANDS

After the Netherlands identified a need for additional engineer vehicles instead of cargo and command post vehicles, ARTEC signed a new contract with OCCAR in May 2016 to supply further BOXER multirole AFVs. This contract increases the number of engineer vehicles from 39 to 92 and reduces the number of cargo vehicles from 15 to 12 and command post vehicles from 36 to 24.

Meanwhile, the RNLA is upgrading part of its CV9035NL AFV fleet in two phases: a Phase 1 upgrade of 44 vehicles to fit them with a hard-kill defensive-aid suite (DAS) overseen by BAE Systems Hägglunds; and a Phase 2 upgrade to address obsolescence issues and the installation of a new battle management system (BMS), thermal imager for the driver and Rafael SPIKE medium-range anti-tank guided weapon (ATGW) system.



NORWAY

Norway is itself acquiring new CV90s and upgrading existing ones, having been pleased with the performance of the BAE Systems Hägglunds vehicles.



POLAND

Poland's T-72s are to remain in service until 2021, and the PT-91s (Polish variants of the T-72M1) until 2032. They will be replaced by new MBTs and IFVs produced under the "Borsuk" programme aimed at replacing the country's BWP-1s. There are some reports that Poland will modernise the PT-91s.

Rheinmetall was awarded an upgrade contract for Poland's LEOPARD 2 MBT and is pitching its AMPV on the country's "Pegasus" 4x4 competition. ROSOMAK is currently producing Poland's 8x8 AMV fleet made under license from Finland's Patria. A new ROSOMAK 2 variant is said to be in the pipeline.

Poland is still in talks with systems integrator Polska Grupa Zbrojeniowa (PGZ) to finalise a contract for its Rosomak Battle Management Systems programme, which is an effort aimed at enhancing the C2 capabilities of the Polish Land Forces' 8x8 KTO Rosomak armoured vehicles. Once the contract is signed, a PGZ-led consortium of Polish industry partners would deliver components for the upgrade of 16 technology demonstrator platforms within 14 months; these vehicles would then be submitted for trials and evaluation, including technical documentation and field tests. A second phase lasting 12 months would equip an additional 44 vehicles; a third phase lasting 24 months would see the integration of BMS technology into a final tranche of 250 vehicles. The Polish Ministry of Defence would consider the upgrade of all remaining vehicles belonging to the land force's mechanised battalions, logistics and support units.



\$180 million is understood to have been earmarked for Italy's new CENTAURO II wheeled tank programme



PORTUGAL

Priority army programmes include the procurement of 202 4x4 LAVs for the army's Rapid Reaction Brigade (BrigRR). These are intended to satisfy two requirements.

The first is for 167 of the vehicles to help fulfil the VTLB project, which integrate the army's Light Forces Capability programme. 106 base vehicles, 29 anti-tank missile carriers with launchers for MILAN or TOW 2 missiles, 13 ambulance vehicles, 12 special operations vehicles and seven command post vehicles worth €60.8 million are planned for delivery between 2017 and 2020.

The second effort oversees the procurement of 35 4x4 medium protected vehicles to provide mobility and protection for the force's SIC-T tactical information and communications system. This effort is worth a maximum EUR13.3 million and will be run until 2023. This contract amount also includes the procurement of 12 unarmoured medium tactical vehicles capable of lifting signal shelters.

The country recently received a contingent of 166

PANDUR II 8x8 armoured vehicles and the army's Intervention Brigade (BrigInt) completed delivery of 22 more vehicles in June 2016 as part of a deal agreed in October 2014 between Portugal and GDELS, taking the total number to 188.



ROMANIA

Among key equipment to receive investment will be the purchase and modernisation of armoured combat vehicles. This was demonstrated early in 2017 with the order of a new (fifth) batch of 12 PIRANHA III 8x8s from GDELS, worth RON187.8 million (\$44.8 million). Variants of the vehicle will cover mobile command posts, MEDEVAC vehicles, CBRN, recovery, and mortar carrier vehicles.

General Dynamics European Land Systems (GDELS) signed a contract in January 2018 to deliver up to 227 PIRANHA 5 8x8 wheeled armoured vehicles in six different configurations to the Romanian Armed Forces. The total value of the contract exceeds USD1 billion and is part of the Romanian Army's plan to modernise its legacy wheeled armoured vehicle fleet. The PIRANHA 5 vehicles will be produced in Romania under a strategic cooperation and transfer of technology project between GDELS – Mowag and Uzina Mecanică București – and variants of the vehicle will cover mobile command posts, MEDEVAC vehicles, CBRN, recovery, and mortar carrier vehicles.



RUSSIA

Moscow remains in the process of overhauling its ageing armoured vehicle fleet, replacing Soviet technology with equipment to match or exceed the capabilities seen in Western Europe and North America. New vehicles that have been showcased to the public include the ARMATA family of tracked vehicles (Universal Combat Platform/BMP-T-15), set to replace Soviet-era heavy armour. UralVagonZavod (UVZ) Research and Production Corporation is the prime contractor for the T-14 MBT, of which the first test consignment of over 100 units has now been ordered by the Russian MoD and a unit price agreed. The army plans to acquire 2,300 T-14s to replace the T-72M3 and T-90 MBT fleets.

Likewise, the T-15 heavy IFV, KURGANETS-25 IFV and APC, and BOOMERANG 8x8 will all be moving in to replace the BMP and BTR vehicle series. In addition, the 2S35 KOALITSIYA-SV (Coalition-SV) self-propelled artillery (SPA) system will replace the 2S19 MSTA-S SPA currently in service with Russian Ground Forces.

The long-term replacement of the BTR-80s comprise the steel-hulled BUMERANG family, of which trials have been underway in recent months on the first batch of six vehicles ahead of MIC's initial production order.

According to footage from Russian state media, defence contractor VPK LLC has developed a driverless, semi-autonomous version of the GAZ TIGR, featuring a remote controlled 30mm gun with the ability to identify and track target.



SLOVAKIA

A €1.2 billion purchase for a method of procurement for a range of new armoured transport vehicles to replace Soviet-era OT-64 legacy platforms was approved in 2017. The contract accounts for 81 8x8 wheeled vehicles

and 4x4 light armoured cars or tactical vehicles, all to be delivered in 2018-2029. 70% of the 8x8 vehicles will be produced by Slovak firms in cooperation with Finnish company Patria and the total cost per vehicle will not exceed €4 million. 80% of the 4x4 vehicles will be produced by Slovak firms and their development is expected to be completed in 2018, at an expected cost of €960 million per vehicle. The vehicles will be gradually introduced into the Slovak Army between 2019 and 2029. The development of these vehicles will cost €9 million, will involve Slovak companies and will be cheaper and quicker than the ordinary purchase of existing vehicles.



256 vehicles. Under this contract, all design, development, and prototype qualification is to be completed in 2018. Serial production will then begin, with all 180 tracked and 76 wheeled armoured vehicles to be delivered to TLFC by 2020. The tracked variant will be based on the company's KAPLAN-20 platform, while the wheeled system will use the PARS 4x4 vehicle as the base carrier

SPAIN

The Spanish Army awarded a contract to a temporary consortium designated UTE VCR 8x8, formed by the Spanish companies GDELS, Indra Sistemas and SAPA Operaciones to develop its future 8x8 IFV. The new vehicle will gradually replace Spain's PEGASO BMR M1 6x6.

The \$96.4 million contract covers research, development and the production of prototype vehicles being trialled between 2016 and 2018 as part of the VCR programme. Up to 400 vehicles in different variants are expected to be ordered with the GDELS PIRANHA 5 multi-role design serving as the base platform. A total of 348 PIRANHA 5 vehicles are expected to be acquired initially, while up to 1,000 could be included overall in what is estimated to be a \$4 billion programme at present.

The Spanish Army also expects to begin qualification trials of its PIZARRO AEV by February 2019. Delivery of the final tranche of 36 engineering and recovery versions (VCZAP) of 119 of the vehicles are due in 2019-2021.

UKRAINE

The Ukrainian government has signed a contract with Textron Systems to become the launch customer for three Survivable Combat Tactical Vehicles (SCTV). The vehicles will augment a fleet of 230 HMMWVs provided by the US in a non-lethal aid support agreement.

UNITED KINGDOM

Implementation of a mid-life upgrade to 643 WARRIOR IFVs is a project known as the Warrior Capability Sustainment Programme (WCSP).

The AJAX fleet development programme, previously known as GD's SCOUT Specialist Vehicles (SV) fleet, followed a \$5.46 billion deal announced in 2014 for the purchase of 589 vehicles. The contract will run until 2024. In 2016, AJAX received the first production standard 40 CTAS (Cased Telescoped Armament System) 40mm weapon system from CTA International. The weapon system will arm Lockheed Martin-developed turrets for the 245 AJAX vehicles. A total of 515 gun systems from CTAS are contracted to be delivered over the next six years.

While Lockheed Martin UK is also the prime contractor for the WCSP, overseeing the upgrade of at least 380 armoured fighting vehicles for the Army, December 2016 saw rivals BAE Systems and Rheinmetall awarded the CHALLENGER 2 Life Extension Project contract (\$59 million).

The intention is to keep the MBTs in service until 2035. However, the MoD has since decided to scrap one of its three CHALLENGER 2 regiments in favour of AJAX.

The army is also set to acquire around 2,747 of the US-made Oshkosh JLTV to fulfil part of its Multi-Role Vehicle Protected (MRV-P) requirement. Group 2 of the MRV-P requirement, which seeks a larger 6x6 solution, is still likely to see competitive tender.

SWEDEN

The army has ordered upgrades to 350 of its LEOPARD 2 MBTs and CV90 IFVs at a cost of \$300 million, with Battlefield Management and Tactical C2.

Work on the MBTs is due for completion in 2023, and IFVs between 2018 and 2020. Sweden's Special Operations Task Group has also been taking delivery of a number of 4x4 BASTION Tactical and Reconnaissance Vehicles from Renault Trucks Defence.

TURKEY

In August 2017, the Turkish Under secretariat for Defence Industries (SSM) awarded BMC a USD350 million contract for 529 tactical wheeled armoured vehicles and an enhanced variant of the 4x4 BMC KIRPI MRAP (YENI KIRPI) to equip the Turkish Armed Forces. The contract was issued under the Tactical Wheeled Vehicles-2 (TTA-2) programme.

Otokar also announced last August that it had submitted its final offer to SSM to begin serial production of the ALTAY MBT for the Turkish Land Forces Command (TLFC). The SSM has issued RFPs to Otokar, BMC and FNSS for serial production of the initial ALTAY MBTs. SSM was scheduled to select the winner by mid-2018, while the initial production phase, which is locally designated as DÖNEM II, involves the serial production of an initial batch of



INDO-ASIA PACIFIC

Despite the slowdown in military expenditure, demand for AFVs in Asia may well increase.

Due to the typical terrain across much of the region and the asymmetric nature of modern conflicts, light armoured vehicles (LAV) and 8x8 APCs will be the key types of vehicles under contract in the Asian market, but precautionary border security measures and the need to appear prepared for conventional warfare should also stimulate demand for heavy armour.

China North Industries Corporation (Norinco) has been increasing production and sales for domestically made armoured vehicles. In 2016, the company developed a 6x6 VN2C mine-resistant vehicle, similar to its earlier WMZ-551 APC – and armed with a 12.7mm and 762mm MG, eight electrically operated grenade launchers, and space for additional turrets. In 2017, Norinco demonstrated a new vehicle, which looks similar to the company's VT-5 light tank. The VN-17 offers a remote turret with two multi-lens EO/IR sensors, a 35mm cannon, and a 7.62mm MG or medium-range HJ-12 anti-tank missile launcher.

Another (unnamed) IFV set to be adopted by the People's Liberation Army (PLA) is set to offer an unmanned turret, augmented displays for crew helmets and a hybrid-electrical engine for fuel efficiency and stealth.

June 2017 saw further details released on the efforts of the North China Institute of Vehicle Research to develop the world's fastest amphibious armoured vehicles. With a top speed of 50km/h in calm waters, the experimental vehicle would outmatch current USMC vehicles.

International exports of Chinese armoured vehicles continue to progress as far afield as Africa and Latin America.

Shaanxi Baoji Special Vehicles sold 27 Chinese TIGER 4x4 combat vehicles to Bolivia and four riot response vehicles in a \$7.7 million contract that falls under a bilateral cooperation agreement.



AUSTRALIA

Australia has issued a request for tender for its Land 400 Phase 3 project to replace the Australian Army's M113AS4 armoured personnel carriers, open for submissions until March 2019. The AUD10-15 billion project, also called Mounted Close Combat Capability programme, will see the acquisition of up to 450 modern infantry fighting vehicles and 17 manoeuvre support vehicles. Australia is seeking a tracked and turreted IFV with high levels of protection and mobility. Cost efficiencies could be made through commonality with the Land 400 Phase 2 project, where Rheinmetall is supplying the Army with 211 8x8 Boxer combat reconnaissance vehicles, fitted with Rafael's Spike LR2 anti-tank guided weapons and delivered between 2019 and 2026. Three main industry manufacturers are bidding for Phase 3 - BAE Systems with its CV90 MkIV, Hanwha Defence Systems' AS21 Redback and Rheinmetall's KF41.

UN Peacekeeping missions and more will be acquired later to equip the mechanised brigades. It was announced in January 2018 that the Army has received the first batch of Cobra II LAV.



INDIA

The air force has approved the purchase of up to 60 new armoured vehicles. Of major interest to the market will be the progress of India's recently revived Future Infantry Combat Vehicle (FICV) competition, which will award the largest ever indigenous contract at a projected value of around \$15 billion. Ten Indian companies have formed consortia to compete to supply 2,610 of the selected vehicle. These include Tata Motors and Bharat Forge Ltd, General Dynamics Land Systems (GDLS), L&T and Mahindra, and several other companies ranging through Tata Power SED, Reliance Defense, Rolta, Punj Lloyd, Titagarh Wagons and the public sector Ordnance Factory Board (OFB). The FICV will be an amphibious, armoured, tracked and air-transportable troop-carrier than can fire four-kilometre range anti-tank missiles and will replace the Indian Army's Russian-made BMP II second-generation infantry fighting vehicles in use since the 1980s. Three shortlisted consortia will develop an FICV prototype, with the MoD contributing 80 per cent of the cost.

In August 2016, it was reported that Rosoboronexport and Indian railroad hardware producer Texmaco Rail and Engineering (TRI) had signed an agreement on the development and manufacturing of military hardware for the



BANGLADESH

The 2018-2019 Bangladeshi defence budget will increase by 10% and will amount to BDT290.66 billion (USD3.45 billion), compared to BDT264 billion in 2017-2018. BDT11.52 billion of that budget will be allocated to "development expenditure" including military acquisitions.

The Army is undergoing its 680 new LAVs procurement, estimated at USD1 billion. Turkish firm Delta Defence was awarded the contract to supply their Cobra I and Cobra II LAV version to meet an urgent requirement. Initially, 150-200 have been bought to be deployed in the



The Philippine Army's Horizon 2 procurement plan proposal, covering 2018-2022, features a PHP9.484 billion (equivalent to USD185 million) for the acquisition of light wheeled tanks, both wheeled and tracked

Indian Armed Forces. This will see the transfer of Russian technologies to India and licensed local production of Russian BMP-3 IFVs among other armoured vehicles and spare parts. The Indian Army subsequently placed an order for 250 Mine Protected Vehicles (MPV), which are routinely spotted on the streets and highways of Jammu and Kashmir and states in North Eastern India. Deliveries are expected to begin in 2018 to augment the fleet of CASSPIR MPVs currently deployed by the Army and Central Armed Police Forces (CAPFs).

INDONESIA

Indonesia's Marine Corps introduced five BTR-4M APCs in 2017, having taken delivery from Ukraine's SpetsTechnoExport and conducted successful military exercises throughout the year.

JAPAN

It was announced in December that the development completion date of the 8x8 Improved Wheeled Armoured Personnel Carrier intended for the Japan Ground Self-Defence Force (JGSDF) to replace the Type 96 APCs would be delayed from FY2018 to FY2021. 4.7 billion Yen (USD41 million) have been allocated to produce the prototype and conduct trials that are expected to last until 2019. The vehicle is intended to protect troops against a variety of threats such as IEDs and will feature versatility and room for future growth in capabilities. It will support JGSDF combat and combat-support units for peacekeeping missions and what the ministry calls 'counter island invasion' operations. Following recent developments in the South China Sea, Japan has removed its focus from a static deterrence and evenly spread defence forces to a more dynamic deterrence vision based on a reorientation towards the south of the country.

Mitsubishi Heavy Industries (MHI) has been working with the U.S. and has designed a new suspension for the U.S. Army's Bradley Fighting Vehicle's upgrade. The U.S. Army currently operates around 6,000 Bradley Fighting Vehicles and asked rivals BAE Systems and General Dynamics Corps to submit proposals for new or upgraded vehicles to improve mobility, firepower and survivability and MHI would work with BAE Systems.

If the deal goes through, it could potentially be the first Japanese defence hardware designed specifically for a foreign military to be exported in 70 years. MHI and other Japanese defence companies are looking for overseas sales after Prime Minister Shinzo Abe lifted a ban on arms exports two-and-a-half years ago, but no export deals have been secured yet.

NEW ZEALAND

New Zealand's Protected Mobility Capability Project is intended to provide a protected mobility capability to meet the challenges of the contemporary and future operating environments and will replace the operational Pinzgauer and Unimog. There are three phases to this project: Phase 1, lasting from 2018/2019 to 2020/2021 to equip at least a Light Task Group; Phase 2, lasting from 2021/2022 to 2023/2024 to equip a Combined-Arms Task Group; Phase 3, lasting from 2026/2027 to 2028/2029 to upgrade or potentially replace a number of Light Armored Vehicles. More information on Phase 1 should be available towards the end of 2018 or early 2019 and planning for acquisition and introduction into service is underway.

PAKISTAN

Pakistan's Heavy Industries Taxila has signed a deal to export six locally-manufactured 'Interceptor' light armoured vehicles to Bahrain's National Guard to control limited violence and internal security.

Rumoured tanks under consideration for the HAIDER programme include Turkey's new ALTAY vehicle, although it is likely that such a vehicle would simply augment a more diverse range of vehicle.

PHILIPPINES

The Philippine Army's Horizon 2 procurement plan proposal, covering 2018-2022, features a PHP9.484 billion (equivalent to USD185 million) for the acquisition of light wheeled tanks, both wheeled and tracked. A total of 44 units are needed to equip three tank companies of the Mechanised Infantry Division and two types of vehicles are of interest: a tank destroyer armed with a 105mm gun, and a vehicle armed with a 30mm gun in an unmanned turret. Ideally, both would share a common 8x8 platform. The procurement process is expected to start later this year or early next year.

Wheeled tank: The Army is currently considering options from Europe, South Korea and Turkey.

Tracked vehicle: Although specifications for the requirement have not yet been finalised by the Army's technical working group yet, preference is for a diesel-powered tracked vehicle weighing less than 35t and armed with a 105mm gun. Two contenders for the tracked light tanks come from Asia, PT Pindad's Kaplan (developed in cooperation with FNSS) and Hanwha Defense Systems' K21-105.

The Philippine Army plans to upgrade 44 of 114 M113A2s received from U.S. Excess Defence Articles in 2015 under the M113 Firepower Upgrade programme at a budget of PHP1,051,650,000 (USD20.5 million). The upgrade will add a 12.7mm machine gun in an RWS to the vehicles. The Israeli company Elbit

Systems is in prime position to win this contract, as it had already successfully upgraded M113s for the Philippines. Among the 44 vehicles, five will be converted into mortar carriers featuring a Soltam CARDOM 81mm mortar from Elbit Systems, able to accommodate 120mm CARDOM mortars in future acquisitions. This upgrade programme falls under the Horizon 1 of the army's modernisation plan.



THAILAND

The Thai Modernisation Plan is to increase existing defence spending, now around 1.4 percent of the country's GDP to two percent of the GDP by 2020. In 2018, the defence budget is expected to be close to 1.5 percent of the GDP, equivalent to USD6 billion. 48 percent of that budget is assigned to the Royal Thai Army.

The Interfax-Ukraine agency reported that the Royal Thai Army has already accepted at least five batches of the requirement for 49 Oplot-T modernised main battle tanks supplied by the Morozov Design Bureau and built at the Ukrainian Malyshev Plant in Kharkiv. However, deliveries have been slow due to Ukraine's ongoing conflict with the Russian-backed insurgency in the Donbass region and that could explain why the Thai Army is turning to China for a quicker procurement of additional Chinese-made VT-4 tanks (previously MBT3000) built by Norinco. The Army has a requirement for 38 VT-4s from the Chinese manufacturer, valued at USD148 million.

Thailand also plans to buy 34 VN-1 armoured cars from China for a total value of USD68 million, viewed as the most cost-effective option for the country.

Indigenous industry is being involved in the modernisation process, as Panus Assembly has rebuilt and modernised a Cadillac Gage V-150 4x4 light armoured vehicle for the Army to thicken its armour, change the engine to give it a speed of around 110km/h. The vehicle has been renamed as an HMV-150 and there is a possibility the Thai Army will want to modify the other 24 V-150s to be similarly modified.

Thailand's Defence Technology Institute unveiled last November a prototype of a newly developed 8x8 Amphibious Armoured Personnel Carrier (AAPC) for the Royal Thai Marine Corps, produced in collaboration with local manufacturer Cho Thavee. Production of the vehicle could start by the end of the decade or in the early 2020s. The Thai government has agreed in principle to acquire an initial AAPC unit once trials are finished, but the total requirement could be of more than 20 amphibious vehicles, to replace the Thai Army's replacement of its fleet of US-made AAV-7A1s. The AAPC is based on the 8x8 Black Widow Spider armoured vehicle previously developed by the DTI for the Army in collaboration with Singapore Technologies Kinetis and local industry.

VIETNAM

According to QPVN news channel, Vietnamese defence industry has unveiled last April a medical evacuation vehicle based on the chassis of the BTR-152 armoured personnel carrier. The works on the vehicle have been conducted by the General Technical Department, after the Vietnamese MoD has assigned it with the task to rebuild a BTR-12 6x6 APC into a wheeled medevac for peacekeeping missions in South Sudan. Vietnam has no automotive industry capable of designing and manufacturing light and heavy armoured vehicles, which means modernising their Soviet-era platforms is the best way to support the Vietnamese mechanised troops' combat potential.



REPUBLIC OF KOREA (ROK)

100 6x6 KW1 (K806) and 500 8x8 (K808) wheeled armoured vehicles are to be produced by 2023. This renews the initiative first launched in December 2012, with work being undertaken by Hyundai Rotem. 16 low-rate initial production vehicles are to be delivered to the ROK Army (RoKA) for field trials which were scheduled to have lasted until the end of 2017 and production will commence from 2018.

The RoKA has also been testing newly developed HUMVEE-based tactical vehicles. Five types of indigenous multipurpose wheeled vehicles were delivered to forward-deployed units from January 2017 and deployed on a four-month test run before entering mass production. The vehicles are designed to replace the military's aged K-131 and K-311A1 vehicles.



SINGAPORE

Singapore's Ministry of Defence awarded last March a contract to Singapore Technologies Engineering Ltd to produce and supply the Next Generation Armoured Fighting Vehicle. The new vehicle will replace the ULTRA M113 AFV which has been in service since the early 1970s and will operate alongside the Bionix Infantry Fighting Vehicle. Production of the vehicle should start in 2019.

ST Kinetics is hoping to expand exports of its TERREX 8x8 IFV family, which now includes three distinct platforms with gross vehicle weight ratings ranging from 24-35 tonnes. The company has indicated that interest has been shown from countries in the Middle East, North America (specifically, the USMC ACV 1.1 programme), Latin America, and by those involved in the Australian Army Project Land 400 Phase 2.



TAIWAN

Taiwanese Prime Minister William Lai announced in early August that the country's defence budget is likely to increase by 5.6 percent in 2019, amounting to NT\$346 billion (USD11.3 billion). It will account for 2.16 percent of the country's GDP, the highest over the past ten years. The U.S. should support Taiwan in this endeavor, sending provisions to support senior military-to-military engagement and providing military sales, especially to develop its asymmetric warfare capabilities, as included in the U.S. National Defence Authorisation Act for 2019.

Part of this budget will be allocated to the acquisition of more than 100 M1A2 Abrams battle tanks from the U.S., designed for modern armoured ground warfare. They will replace Taiwan's ageing CM-11 Brave Tiger battle tanks. 8x8 CM-32 YUNPAOs will continue to provide coverage to the Army, with Taiwan allocating \$175 million for new R&D into homegrown weapon systems, including those that can be integrated into these vehicles.





MIDDLE EAST

The Middle-East accounts for over 15% of the world's armoured vehicle fleet, with active procurement programmes in Bahrain, Saudi Arabia and the United Arab Emirates (UAE).



AFGHANISTAN

Afghanistan has received 495 armoured fighting vehicles from the U.S. for its Special Forces Cops in November 2017. The Afghan government has prepared a four year plan to improve security forces after they took charge of the country following the retreat of international troops.

Textron Systems Marine & Land Systems was awarded a contract for the delivery of 55 Mobile Strike Force Vehicles (MSFVs) to the Afghan National Army. The first deliveries are scheduled for 2018; the contract also includes training, spare parts and logistics services. The 4x4 MSFV was developed for the Afghanistan National Army under the U.S. Army's MSFV programme.



BAHRAIN

Streit Group has presented three types of group vehicles operated by the Bahrain Defence Forces at BIDEF 2017. These include the armoured version of the civilian car Toyota Land Cruiser GX.R used for BIP or military personnel transport and the armoured version of the TLC-79 Land Cruiser that can be used in urban or semi-rural areas by border patrol and security forces.



IRAQ

In August 2017, it was announced that Russia had concluded a major contract with Iraq for the supply of an undisclosed number and type of armoured vehicles. UVC Corporation is believed to have been implementing a contract for the delivery of around 73 T-90S/SC tanks.

It was announced that Iraq received the first Goretz-M armoured vehicles given by Russia. The batch delivered also includes KamAZ-65225 military tank transporters for T-90 tanks. The Goretz-M 4x4, developed by OKB Tehnika are equipped with a nuclear, biological and chemical protection system, Level 1 STANAG 4569 mine-blast and Level 3 ballistic protection. They are intended for the transportation of the personnel on the battlefield.



Picture: MathKnight and Zachi Evenor צילום: מאת מתי נייט וזאכי אבנור



ISRAEL

In 2016, the Israeli MoD unveiled its new EITAN APC. The vehicle will be introduced to operations alongside the IDF's NAMER APCs. An upgraded version was unveiled in August 2017, fitted for the first time with a 30mm turret designed for urban combat. Israel plans to use the vehicle to gradually replace all of its ageing M-113s.

The IDF is also upgrading its SEGEV UGVs that have since 2015 patrolled borders and at-risk sites while operating a remote weapon station and an autonomous navigation capability. The Elbit Systems-owned UGVs, built to replace the GUARDIUM UGV, were produced by an IAI-Elbit Systems joint venture called G-NIUXS (since discontinued). SEGEV has a manual, semiautomatic and fully-automatic mode.



JORDAN

Jordan's King Abdullah II Design and Development Bureau (KADDB) has in recent months been testing its first 8x8 armoured fighting vehicle, based on a Tatra 8x8 high-mobility cross-country chassis. It features an all-welded steel armoured body that the KADDB claims can provide ballistic protection of up to STANAG 4569 Level 4, and could achieve Level 5 with an upgrade. The first version is in the armoured personnel carrier configuration. In May 2016, a partnership was formed between Paramount Group and Jordan Manufacturing Services Solutions (MJSS) to begin local production and assembly of a bespoke version of the MBOMBE 6x6 IFV for the Jordanian Armed Forces. The work, taking place at the KADDB Industrial Park, will see 50 units delivered in total.

The Jordanian Armed Forces will receive 25 Marder 1A3 infantry fighting vehicles, upgraded by Rheinmetall. They are expected to be delivered in the first quarter of 2018 and were ordered under a German military aid programme. The contract is worth over \$17 million and consists of spare parts, ammunition, special tools, customer support on location and training for operators and maintenance personnel.



KUWAIT

It was announced that Thales provided an integrated state of the art remotely operated turret and surveillance system for eight armoured 4x4 patrol vehicles of the Kuwait Ministry of Interior. They will be operated by the

Kuwait Security Shield department and will be used to maintain internal security; public safety and surveillance missions.

The system includes an array of sophisticated optronics equipment, including high definition day and night thermal commander's sight, main gunner thermal camera, local situation awareness sensors and acoustic shot detection system, all of which are designed and manufactured in the UK and all are fully integrated into a central mission system. It also is equipped with high quality recording capability, which allows all mission aspects to be stored in post analysis, training and provides mission accountability.

General Dynamics Land Systems Inc. has been awarded a more than USD24 million modification to foreign military sales contract to design, develop and build a M1A2-K unique main battle tank for Kuwait, it was announced on December 19 2017. It will include 240 .50 Cal M2A1 machine guns, 480 7.62mm M240 machine guns, 240 AN/VRC-92E SINCGARS radios and 1,085 AN/PVS-7B Night Vision Goggles, as well as transportation and other logistics support.

LEBANON

The third batch of Bradley M2A2 Armoured Infantry Fighting Vehicles supplied by the U.S. has been delivered to Lebanon. Under a larger military assistance programme between the two countries, the Lebanese Army will receive a total of 32 M2A2s, in addition to 6 MD 530G light attack helicopters, 6 Scan-Eagle UAVs and communications and night vision devices.

France handed over the first of 15 VCAC Mephisto anti-tank missile launcher vehicles it is offering to the Lebanese Armed Forces during a ceremony in May 2017. During the handover, French chargé d'affaires Arnaud Pescheux said the vehicles met the Lebanese Armed Forces' requirement for long-range direct fire capability to help counter the Sunni militants in the Aarsal region, close to the Syrian border in the north-east of the country. They also received 10 dogs trained to detect explosives as part of an assistance package that is worth close to EUR30 million. The French Army was the sole user of the VCAC system, which comprises of the 4x4 version of the VAB armoured personnel carrier fitted with the Mephisto launcher for four HOT missiles that can be reloaded without the crew leaving the vehicle.

The U.S. donated 8 M2A2 Bradley Fighting Vehicles to the Lebanese Army in February 2018, as the second shipment of an ongoing package of American military aid. 16 of the 32 vehicles scheduled to be delivered have arrived. Since the 2006 war with Israel, the Lebanese Army has received a total of USD 1.5 billions in military aid from successive American administrations, including education and training.

OMAN

The first batch of the 172 PARS III 8x8 armoured fighting vehicles developed by Turkish manufacturer FNSS Savunma ordered by Oman has been delivered to the Omani Ministry of Defence in July 2017. It has entered service in November 2017 at 'Safat Al Dooh' field of the Royal Army of Oman.

QATAR

Reports emerged in April 2017 that the Qatar Armed Forces and Police had received their first batch of 35 AMAZON 4x4 armoured vehicles from BMC. The total contract will see 1,500 of the vehicles delivered within two years.

Qatar is modernising its armoured vehicle fleet and replacing its obsolete AMX-30 battle tanks with latest German Krauss-Maffei Wegmann Leopard 2A7+ main battle tank, as displayed during National Day in December 2017.

Valued at USD2.2 billion, the contract signed in 2013 saw the acquisition of 62 vehicles by Qatar. The Leopard 2A7+ battle tank is built based on the Leopard 2 MBT and employs digitised technology and multifunctional user concept for improved sustainability. It is equipped with the Rheinmetall 120mmL/55 smoothbore gun, a computerised fire control system coupled to day and thermal sights for the commander and gunner, the latest armour package, an air-conditioning system and a roof-mounted FLW 200 remote weapon station to provide a close-in self-defence capability. The contract also includes 24 PzH 2000 155mm/52 calibre self-propelled (SP) artillery systems, 32 Fennek (4x4) reconnaissance vehicles and a batch of the latest Dingo Heavy Duty (4x4) protected vehicles, for which Qatar is the first customer.

In addition, Qatar will receive 11 mission kits from Pearson Engineering, consisting of four armoured engineer vehicles, three armoured recovery vehicles and four minefield breaching kits, to enable the six Wisent 2 Support Vehicles supplied by Krauss-Maffei Wegmann to be rapidly re-rolled, to meet the specific missions being undertaken by Qatar.

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SAUDI ARABIA

In 2016, it was announced that Saudi Arabia had placed an order for 200 armoured vehicles from Renault Trucks Defense, consisting of 100 VAB Mk3 6x6 APCs and 100 SHERPA Light tactical vehicles. A \$1.15 billion potential sale of military equipment was approved by the US State Department in August 2016, including conversion work for 133 M1A2S ABRAMS tanks and 20 battle damage replacements for the existing fleet. Saudi Arabia is also seeking to obtain M88A1/A2 Heavy Equipment Recovery Combat Utility Lift Evacuation Systems (HERCULES), and armoured recovery vehicles (ARV) for the Royal Saudi Land Forces.

The modernisation of Saudi Arabia's M113 armoured personnel vehicles to M113A4 standard is being undertaken by Turkish manufacturer FNSS Savunma Sistemleri (FNSS) with BAE Systems at the Saudi Arabian Ground Forces High Command's Al-Kharj Maintenance and Modernisation facilities in Al Kharj. This upgrade consists of the installation of a new diesel power pack and cooling system, upgraded torsion bar suspension for improved mobility, a new driver's station and thermal night vision device and new external fuel tanks either side of the power-operated ramp. They also have an enhanced level of protection including appliqué passive armour and internal spall liners. In addition to this, many of the more specialised versions of vehicles have been upgraded, such as the M577 command post vehicle, anti-tank vehicle with TOW missiles, 120mm mortar carrier and the M548 cargo carrier. According to sources, the Turkish company is also modernising VCC- 1 TOW anti-tank missile systems, a special version of M113 converted for the Saudi Arabian Army. A total of 200 VCC-1 TOW anti-tank missile systems were exported to Saudi Arabia.

The USD15 billion sale of Canadian-made weaponised armoured vehicles to Saudi Arabia is encountering legal difficulties, as a new lawsuit has been allowed to proceed by a Federal Court judge. Videos and photos were released in July 2018 of the Saudis wielding Canadian-made armoured vehicles against the population in Awamiyah, a minority Shia Muslim area. Vehicles made by Terradyne were featured in the footage and one clip also showed combat machines made by General Dynamics Land Systems being deployed. This is the second attempt to block the deal, as the last one was rejected in January 2017 by a different Federal Court judge who noted that there was no evidence demonstrating Canadian machines being used against the civilian population – a decision still under appeal.



UNITED ARAB EMIRATES (UAE)

Otokar signed a major foreign partnership deal with the UAE in 2017, establishing a joint company with the state to produce 700 RABDAN 8x8 tactical wheeled armoured vehicles for sale to the UAE Armed Forces in a deal worth \$66 million.

NIMR Automotive, a subsidiary of Emirates Defence Industries Company and the UAE's leading armoured vehicle producer was awarded a contract in February 2017 to supply more than 1,765 vehicles (1,500 JAIS 4x4 and 6x6 IFVs, 150+ HAFEET 630A artillery support vehicles and 115 AJBAN 440 vehicles equipped with guided missiles) to the UAE Armed Forces from 2018.

NIMR procured the N35/JAIS from Denel Vehicle Systems in November 2015 through a USD63 millions deal with the U.S., which resulted in the complete technology-transfer of the Denel RG-35 and its manufacturing to the UAE. The JAIS is a re-designation of NIMR's N35 mine-resistant ambush-protected vehicle series. It benefits from STANAG-4569 Level 4-standard protection from ballistic fire as well as mine and improvised explosive device (IED) blast protection of up to STANAG 4569 Level 4A and 4B. The JAIS can be armed with remote-controlled turrets (such as the EVPU Turra 30) and anti-tank guided missiles (ATGM). The HAFEET 630A artillery support vehicles are procured in to configurations: observation and command and control. The AJBAN 440A utility vehicles will be armed with ATGM.

All vehicles will be delivered from 2018 and will join the 1,000 NIMR vehicles currently in service in the UAE's armed forces.

It was announced during the IDEX 2017 defence show that the UAE ordered 400 Radban 8x8 armoured vehicles fitted with Russian BGMP-3 combat turret. The contract will be undertaken by the Al Jasoor Heavy Vehicles Industries, a joint company established by Otokar and Tawazun. The Rabdan is a modified Emirati version of a Turkish Otokar Arma 8x8 fitted with the turret with 100mm 2A70 gun and two coaxial weapons, namely, 30mm 2A72 automatic cannon and 7,62mm PKT/PKTM machinegun from Russian produced BMP-3 amphibious infantry fighting vehicles.

The installation of the BMP-3 combat module on the optional Rabdan vehicles is meant increase the level of the UAE's infantry armoured vehicles fleet unification and will replace its fleet of ageing BMP-3 infantry fighting vehicles. The UAE is the largest international operator of BMP-3.

One month after the Otokar and NIMR deals were signed, Navistar Defence announced that it had agreed to a deal with the UAE Armed Forces to upgrade 1,085 long wheel base MaxxPro MRAPs. Delivery of the upgraded surplus vehicles is to be completed in 2018. Towards the start of 2016, it was confirmed that the UAE had agreed to the sale of a fleet of 8x8 AMV (armoured modular vehicles) from Patria. The number of vehicles being produced is believed to be in the range of 40, and will join the small number of AMVs already in UAE possession since 2008.



Picture:
Navistar

TURKEY



August 2017 saw the Turkish Undersecretariat for Defence Industries (SSM) award BMC a \$350 million contract for 529 tactical wheeled armoured vehicles and an enhanced variant of the 4x4 BMC KIRPI MRAP (YENI KIRPI) to outfit the Turkish Armed Forces. The contract was issued under the Tactical Wheeled Vehicles-2 (TTA-2) programme.

Otokar also announced in August that it had submitted its final offer to SSM to begin serial production of the ALTAY MBT for the Turkish Land Forces Command (TLFC).

The SSM has issued RfPs to Otokar, BMC and FNSS for serial production of the initial ALTAY MBTs. SSM was scheduled to select the winner by mid-2018, while the initial production phase, which is locally designated as DÖNEM II, involves the serial production of an initial batch of 250 vehicles.

Earlier that year, SSM awarded FNSS (a joint venture of Turkish conglomerate Nurol Holding and BAE Systems) a contract for the purchase of 260 self-propelled antitank systems.

Under this contract, all design, development, and prototype qualification is to be completed in 2018. Serial production will then begin, with all 180 tracked and 76 wheeled armoured vehicles to be delivered to TLFC by 2020. The tracked variant will be based on the company's KAPLAN-20 platform, while the wheeled system will use the PARS 4x4 vehicle as the base carrier.



NORTH AMERICA

CANADA

August 2016 saw the Canadian Army's 5th Canadian Division (5CdnDiv) take delivery of its first six TAPV/VPBT (Tactical Armoured Patrol Vehicle) 4x4 mine protected high-mobility multipurpose vehicles from Textron Systems Canada.

In 2012, Canada's Public Works and Government Services Canada (PWGSC) contracted the company to manufacture 500 TAPVs, including an option for an additional 100 vehicles. The purchase included 300 general utility variants and 200 reconnaissance variants to replace the COYOTE 8x8 vehicle and RG-31 Mk3 NYALA 4x4 vehicles.

December 2016 saw Canada award Polaris Industries a \$20 million contract to deliver 78 DAGOR offroad combat vehicles to fulfil its Ultra Light Combat Vehicle (ULCV) requirement for its SOF. The first 52 were to be delivered in 2017 and the remaining batch in 2018. Weapons turrets will also be installed.



There will be an option for the U.S. Armed Forces to purchase additional units at full-rate production, with expected totals of 49,100 for the Army and 5,500 for the Marines in operation by 2040



U.S.A.

The JLTV programme, worth \$6.7bn, was contracted to Oshkosh Corporation's Light Combat Tactical All-Terrain Vehicle (L-ATV) in August 2015. Low-rate production will see 16,901 L-ATVs delivered to the Army and the Marines before 2020. Following this, there will be an option for the armed forces to purchase additional units at full-rate production, with expected totals of 49,100 for the Army and 5,500 for the Marines in operation by 2040. The contract is expected to be worth over \$30 billion in total.

In May 2016, the army disclosed that the JLTV is also to be used as the platform for the upcoming Light Reconnaissance Vehicle (LRV) programme rather than the procurement of a new system.

The M2 BRADLEY Fighting Vehicle remains the US Army's core tracked AFV. 276 will benefit from a \$49.1 million modification kit from LOC Performance in a deal announced in July 2017. A turretless version of the BRADLEY called the Armoured Multipurpose Vehicle (AMPV) is set to replace the Vietnam War-era M113 series of light APCs currently in use; a priority for the army's overall restructure.

The programme has been scheduled to deliver 2,897 vehicles at a total cost of \$10.7 billion (\$3.7 million per vehicle). The first AMPV prototype was rolled out in December 2016.

The M1 ABRAMS tank is expected to benefit from an upgrade package that will include enabling of the Advanced Multipurpose (AMP) round to offer greater lethality and an APS.

Qinetiq was awarded a \$2.7 million grant to help develop the country's next generation of AFVs under DARPA's Ground X-Vehicle Technologies (GXV-T) programme.

Updates on other US Army combat vehicles include:

The STRYKER 30mm up-gunning and latest A1 improvements, the M1A2v3 upgrades, AMPV and M109A7 PALADIN off of which were on schedule.

M1A2v3 ABRAMS MBT has in place a requirements contract covering up to 500 systems. First production vehicles are scheduled for delivery in 2020.

BRADLEY IFV will see M2A4 production in 2018. Other improvements are focused on lethality with a next generation thermal sight as the vehicle has become weight challenged.

M109A7 is in low rate production with mobility improvements that will allow it to keep up with the armoured combat teams, as well as to allow the next set of improvements focused on the turret and gun.

The Mobile Protected Firepower (MPF) system required proposals in April 2018 which will include bid sample which will be used to validate claimed capability and maturity of systems proposed. Intent is to award contracts in early Fiscal Year 2019.

An evaluation of M113 Armoured Personnel Carrier upgrade possibilities will occur in 2018 to address requirements in Europe and Korea. This "Rodeo" is expected to evaluate 2-3 candidates.





LATIN AMERICA

Where the Latin American armoured vehicles market is concerned, demand for LAVs, APCs and MRAPs, has been relatively strong in the face of shrinking expenditure. The rise of guerrilla warfare and asymmetric conflict results in national governments increasing their military presence in the territory and consequently demanding more LAVs to support their operations, but with enhanced survivability.



ARGENTINA

The army recently took delivery of upgraded TAM medium tanks.

The prototype for the TAM modernisation programme, which sees partnership with Israel Military Industries (IMI, now IMI Systems), Elbit Systems was unveiled in May 2016.

The country also finalised an order in June 2015 for 110 8x8 VN-1 wheeled amphibious fighting vehicles from Norinco. Argentina secured license to assemble the vehicles at its Tandanor-CINAR shipyards.



MEXICO

The Ministry of National Defence (SEDENA) launched a procurement programme in 2015 for 105 new armoured vehicles as well as a programme to upgrade its existing 119 6x6 Panhard Defense ERC 90 LYNX ARVs. The investment would see the new vehicles bring four of its nine Armoured Reconnaissance Regiments (RBR) to full spec. Mexico has purchased 3,335 HMMWVs from ex-US military stocks for \$504m. The country has \$449 million earmarked for APCs and amphibious APCs, forecast at approximately \$200 million per programme.



BRAZIL

Since 2012, the country has been producing and delivering the Army's VBTP-MR 6x6 GUARANI amphibious medium APC, a component of the wider military modernisation programme and a replacement of the ageing Urutu CASCABEL fleet. Overall, 2,044 units were originally signed off and were expected to enter service until 2030.

The Army also wants to procure additional REMAX and UT30BR lightweight remote-controlled weapon stations. In 2017, the Brazilian Army's Logistic Command signed a \$1.8 billion contract with Iveco Latin America, to receive 1,580 of these vehicles.

The contract forecast the production of 800 VBTP-MR over the next 10 years. The 1,580 vehicles will be delivered in eight different configurations: 1,033 GUARANIs will be completed in three troop carrier versions (two APC with 7.62mm turret and one IFV with 30mm UT-30 Mk-II turret) and the remaining 547 vehicles will be completed in the five special versions: 150 command post, 76 communications, 127 mortar carrier, 190 ambulance and four in NBC (these four vehicles will probably be the prototypes for a future mass production). 2016 saw the army begin its upgrade of a second batch (236) of BAE Systems M113B tracked APCs to M113AQ2 Mk1 standard (designated as M113BR in the Brazilian Army).

The Army is also receiving 34 surplus M577A2 command post vehicles, 12 M113A2 APCs, and four M88A1 recovery vehicles from the US through the Excess Defense Articles (EDA) programme.

The Brazilian Navy meanwhile has been considering upgrades for its SK-105A2S KÜRASSIER light tanks, and the purchase of 4x4 and 6x6 armoured vehicles for its Marine Corps (CFN).



PARAGUAY

In 2017, the Paraguayan MoD announced its intent to spend around \$260,000 on six 4x4 double cab transport vehicles for its Joint Task Force security agency. The Brazilian Army has also agreed to repair a number of Paraguay's EE-9s and EE-11s, as well as its Mercedes Benz model 1418 transport vehicles.



PERU

Peru is known to be prioritising a new fleet of IFVs, but is undecided on a tracked or wheeled platform. Possibilities include the LAV III, YPR-765A1, MARDER 1, BTR-80, BM-1/2, PANDUR, M113, BMR-600, BTR-80A and BMP-3.

Peru is also in the midst of receiving 338 4x4 RMMV in a \$60 million contract. RMMV is supplying the navy with 30 TGS-MIL, and the army with 92 TGS-MIL and 216 TGM MIL trucks. The army's first 10 were delivered to the 1st Cavalry Brigade in January 2017. The contract includes an option of a follow-on contract for a further 337 vehicles.



VENEZUELA

Plans to purchase a total of 2,106 military vehicles for ground forces between 2009 and 2019 are likely to have been scrapped.



Peru is also in the midst of receiving 338 4x4 RMMV in a \$60 million contract



COLOMBIA

Recent activity has seen Textron Systems awarded a \$65 million contract in 2016 to provide 54 COMMANDO SELECT APCs with 40mm/.50 turrets as an FMS contract to Colombia.

Sources: S. Philpott, Jane's, Miltech

GLOBAL ARMoured VEHICLE HOLDINGS



EUROPE

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Austria	MBT: 56 Leopard 2A4	ARV: 20 4KH7FA-SB; 10 M88A1	12 Dingo 2 AC NBC
	AIFV: 112 Ulan	MW: 6 AID2000 Trailer	
	APC: 78 Pandar		
	AUV: 29 Dingo 2; 128 IVECO LMV		
Belgium	IFV: 19 Piranha III-C DF30; 18 Piranha III-C DF90	AEV: 8 Piranha III-C	
	APC: 36 Pandur; 64 Piranha III-C (CP); 14 Piranha III-PC; 6 Piranha III-C (Amb.)	ARV: 4 Pandur; 9 Piranha III-C	
	AUV: 208 Dingo 2 (inc 52 CP); 436 IVECO LMV	VLB: 4 Leguan	
Bosnia- Herzegovina	MBT: 45 M60A3	VLB: MTU	
	APC: 20 M113A2	MW: Bozena	
Bulgaria	MBT: 80 T-72	AEV: MT-LB	Maritza NBC
	IFV: 90 BMP-1; 70 BMP-23	ARV: T-54/T-55; MTP-1; MT-LB	
	APC (T): 100 MT-LB	VLB: BLG67; TMM	
	APC (W): 20 BTR-60		
	AUV: 17 M1117 ASV		
Croatia	MBT: 75 M-84	ARV: M84A1; WZT-3	
	IFV: 102 M-80	VLB: 3 MT-55A	
	APC (T): 15 BTR-50	MW: Bozena; 1 Rhino	
	APC (W): 1 BOV-VP; 23 LOV OP; 126 Patria AMV		
	PPV: 37 Maxxpro; 20 RG-33 HAGA (Amb.)		
	AUV: 4 Cougar HE; IVECO LMV; 147 M-ATV		
Croatia (Special Forces)	APC: PPV: 5 Maxxpro		
	AUV: 15 M-ATV		
Cyprus	MBT: 82 T-80U; 52 AMX-30B2	ARV 3: 2 AMX-30D; 1 BREM-1	
	RECCE: 69 EE-9 Cascavel		
	IFV: 43 BMP-3		
	APC (T): 168 Leonidas		
	APC (W): 126 VAB (inc. variants)		
Cyprus (Paramilitary)	APC (W): 2 VAB VTT		
Czech Republic	MBT: 30 T-72M4CZ; (93 T-72 in store)	ARV: 10 VPV-ARV (12 more in store)	
	RECCE (34 BPzV Svatava in store)	VLB: 3 MT-55A (3 more in store)	
	IFV: 120 BMP-2; 102 Pandur II (inc variants); (98 BMP-1; 65 BMP-2 all in store)	MW: UOS-155 Belarty	
	APC (T): (17 OT-90 in store)		
	APC (W): (3 OT-64 in store)		
Denmark	MBT: 34 Leopard 2A4/5	ARV: 10 Bergepanzer 2	
	IFV: 44 CV9030 Mk II	VLB: 6 Biber	
	APC (T): 235 M113 (inc variants); (196 more in store awaiting disposal)	MW: 14 910-MCV-2	
	APC (W): 79 Piranha III (inc variants)		
Estonia	IFV: 14 CV9035	AEV: 1 Leopard 1	
	APC (W): 56 XA-180 Sisu; 80 XA-188 Sisu; 15 BTR-80		
	PPV: 7 Mamba		
Finland	MBT: 100 Leopard 2A4; 20 Leopard 2A6	AEV: 6 Leopard 2R CEV	
	IFV: 94 BMP-2; 102 CV90	ARV: 15 MTP-LB; 12 VT-55A	
	APC (T): 40 MT-Lbu; 102 MT-LBV	VLB: 12 BLG-60M2; 6 Leopard 2S; 9 SISU Leguan	
	APC (W): 260 XA-180/185 Sisu; 101 XA-202 Sisu (CP); 48 XA-203 Sisu; 62 AMV (XA-360)	MW: Aardvark Mk 2; KMT T-55; RA-140 DS	
France	MBT: 200 Leclerc	AEV: 54 AMX-30EBG	40 VAB NRBC
	ASLT: 248 AMX-10RC	ARV: 30 AMX-30D; 18 Leclerc DNG; VAB-EHC	
	RECCE: 80 ERC-90F4 Sagaie; 1,462 VBL	VLB: 39 EFA; 18 PTA; 10 SPRAT	
	IFV: 519 VBCI VCI; 110 VBCI VCP (CP)	MW: AMX-30B/B2; 4 Buffalo; 20 Minotaur	
	APC (T): 53 BvS-10		
	APC (W): 2,200 VAB; 89 VAB VOA (OP)		
	AUV: 16 Aravis		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
France (Paramilitary)	ASLT: 28 VBC-90		
	APC (W): 153 VXB-170 (VBRG-170)		
Germany	MBT: 217 Leopard 5/2A6; 19 Leopard 2A7	AEV: 42 Dachs	8 TPz-1 Fuchs NBC
	RECCE: 166 Fennek (inc 14 engr recce, 14 fires spt); 16 Wiesel	ARV: 56 ARV Leopard 1; 41 BPz-3 Buffel	
	IFV: 357 Marder 1A3/A4/A5; 160 Puma; 73 Wiesel 1 Mk20 (with 20mm gun)	VLB: 22 Biber; 25 M3	
	APC (T): 194 Bv-206D/S; 122 M113 (inc variants)	MW: 15 Keiler	
	APC (W): 199 Boxer (inc variants); 531 TPz-1 Fuchs (inc variants)		
	AUV: 202 Dingo 2; 222 Eagle IV/ V		
Greece	MBT: 170 Leopard 2A6HEL; 183 Leopard 2A4; 513 Leopard 1A4/5; 100 M60A1/A3; 375 M48A5	ARV: 12 Buffel; 43 Leopard 1; 94 M88A1; 112 M578	
	RECCE: 242 VBL	VLB: 12 Leopard 1; Leguan	
	IFV: 398 BMP-1	MW: Giant Viper	
	APC (T): 86 Leonidas Mk1/2; 2,108 M113A1/A2L 213 M577 (CP)		
	PPV: 11 Maxxpro		
Hungary	MBT: 30 T-72	AEV: BAT-2	24 K90 CBRN Recce; PSZH-IV CBRN Recce
	IFV: 120 BTR-80A	ARV: BMP-1 VPV; T-54/T-55; VT-55A	
	APC (W): 260 BTR-80	VLB: BLG-60; MTU; TMM	
Hungary (Paramilitary)	APC (W): 68 BTR-80		
Ireland	APC (W): 56 Piranha III; 18 Piranha IIH		
	PPV: 25 RG-32M		
Italy	MBT: 160 C1 Ariete	AEV: 40 Leopard 1; M113	14 VAB NRBC
	ASLT: 259 B1 Centauro	ARV: 137 Leopard 1; 1 AAVR-7	
	IFV: 200 VCC-80 Dardo; 208 VBM 8x8 Freccia; 20 VBM 8x8 Freccia (CP)	VLB: 64 Biber	
	APC (T): 246 Bv-206; 115 M113 (inc variants)	MW: 6 Buffalo; 3 Miniflail	
	APC (W): 529 Puma		
	AUV: 10 Cougar; IVECO LMV		
	AAV: 14 AAVP-7; 1 AAVC-7		
Italy (Marines)	APC (T): 24 VCC-1	; 1 AAVR-7	
	AAV: 15 AAVP-7; 3 AAVC-7		
Italy (Paramilitary)	APC (T): 3 VCC-2		
Latvia	MBT: 3 T-55 (trg)		
	RECCE: 47+ FV107 Scimitar		
Lithuania	APC (T): 234 M113A1; 4 M577 (CP)	AEV: 8 MT-LB	
		ARV: 4 M113; 2 BPz-2	
Luxembourg	AUV: 48 Dingo 2		
Macedonia	MBT: 31 T-72A		
	RECCE: 10 BRDM-2		
	IFV: 10 BMP-2; 1 BMP-2K (CP)		
	APC (T): 9 Leonidas; 28 M113; 10 MT-LB		
	APC (W): 57 BTR-70; 12 BTR-80; 84 TM-170 Hermelin; 2 Cobra		
Macedonia (Paramilitary)	APC (T): M113		
	APC (W): BTR-80; TM-170 Heimlin		
	AUV: Ze'ev		
Montenegro	APC (W): 8 BOV-VP M-86		
Netherlands	RECCE: 196 Fennek	AEV 60: 50 Boxer; 10 Kodiak	6 TPz-1 Fuchs NBC
	IFV: 170 CV9035N	ARV: 25 BPz-3 Buffel	
	APC (W): 143 Boxer (8 driver trg; 52 amb; 60 CP; 23 log)	VLB: 13 Leopard 1	
	AUV: 60 Bushmaster IMV	MW: Bozena	
Netherlands (Marines)	APC (T): 87 Bv-206D; 73 BvS-10 Viking	ARV: 4 BvS-10; 4 Leopard 1	
		MED: 4 BvS-10	
Netherlands (Paramilitary)	APC (W): 24 YPR-Kmar		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Norway	MBT: 36 Leopard 2A4 (16 more in store)	AEV: 22 Alvis; 6 CV90 STING	6 TPz-1 Fuchs NBC
	RECCE: 21 CV9030		
	IFV: 74 CV9030N; 15 CV9030N	ARV: 3 M88A1; M578; 6 Leopard 1	
	APC (T): 315 M113 (inc variants)	VLB: 26 Leguan; 9 Leopard 1	
	APC (W): 75 XA-186 Sisu/XA-200 Sisu	MW: 9 910 MCV-2	
	AUV: 20 Dingo 2; IVECO LMV		
Poland	MBT: 142 Leopard 2A4; 105 Leopard 2A5; 233 PT-91 Twardy; 458 T-72/T-72M1D/T-72M1	AEV: IWT; MT-LB; 17 Rosomak WRT	
	RECCE: 282 BRDM-2; 38 BWR; 87 WD R-5	ARV: 15 MT-LB; 26 WZT-3M; 15 BPz-2	
	IFV: 1,277 BMP-1; 359 Rosomak	VLB: 4 Biber; 48 BLG67M2; 10 MS-20 Daglezja	
	APC (W): 211 Rosomak; 8 RAK (CP)		
	PPV: 30 Maxxpro	MW: 14 Bozena; 4 Kalina SUM	
	AUV: 40 Cougar (on loan from US); 45 M-ATV		
Portugal	MBT: 37 Leopard 2A6; 21 M60A3 TTS	AEV: M728	
	RECCE: 14 V-150 Chaimite; 34 VBL	ARV: 6 M88A1, 7 Pandur	
	IFV: 22 Pandur II MK 30mm	VLB: M48	
	APC (T): 173 M113A1; 33 M113A2; 49 M577A2 (CP)		
	APC (W): 21 V-200 Chaimite; 144 Pandur II (all variants)		
Romania	MBT: 260 T-55; 42 TR-580; 104 TR-85; 54 TR-85 M1	ARV: 3 BPz-2	
	IFV: 23 MLI-84; 101 MLI-84 JDER		
	APC (T): 76 MLVM		
	APC (W): 69 B33 TAB Zimbru; 31 Piranha III; 390 TAB-71; 153 TAB-77		
	Type Variants: 474 APC		
	PPV: 60 Maxxpro		
	AUV: 377 TABC-70; Naval Infantry: 11 ABC-79M; 3 TABC-79M		
Serbia	MBT: 199 M-84; 13 T-72	AEV: IWT	
	RECCE: 46 BRDM-2	ARV: M84A1; T-54/T-55	
	IFV: 323 M-80; 12 Lazar-3	VLB: MT-55; TMM	
	AUV: BOV M-16 Milos (Paramilitary)		
	APC (T); 32 MT-LB (CP)		
	APC (W): 39 BOV-VP M-86; some Lazar-3; Paramilitary: some Lazar-3; 12 BOV-VP M-86		
Slovakia	MBT: 30 T-72M	ARV: MT-55; VT-55A; VT-72B; WPT-TOPAS	
	IFV: 148 BMP-1; 91 BMP-2	VLB: AM-50; MT-55A	
	APC (T): 72 OT-90	MW: Bozena; UOS-155 Belarty	
	APC (W): 7 OT-64; 15 Tatravan (6x6)		
	PPV 7+ RG-32M		
	AUV: IVECO LMV		
Slovenia	MBT: 14 M-84 (trg role); (32 more in store)	ARV: VT-55A	
		VLB: MTU	
	APC (W): 115: 85 Pandur 6x6 (valuk); 30 Patria 8x8 (Svarun)		
Spain	MBT: 108 Leopard 2A4; 223 Leopard 2A5E	AEV: 34 CZ-10/25E	
	RECCE: 84 B1 Centauro; 187 VEC-M1	ARV: 16 Leopard REC; 1 AMX-30; 3 BMR REC; 4 Centauro REC; 12 M113; 14 Maxxpro MRV; 22 M47	
	IFV: 206 Pizarro (inc 21 comd)	VLB: 1 M47; 15 M60	
	APC (T): 453 M113 (inc variants)	MW: 6 Husky 2G	
	APC (W): 312 BMR-600/BMR-600M1		
	PPV: 110 RG-31		
	AUV: IVECO LMV		
Spain (Marines)	MBT: 4 M60A3TTS	AEV: 4 Piranha IIIC	
	APC (W): 32 Piranha IIIC; 1 Piranha IIIC (amb); 1 Piranha IIIC EW (EW)	ARV: 1 AAVR-7A1/AAVP-7-A1; 1 Piranha IIIC	

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Sweden	MBT: 9 Leopard 2A4 (Strv-121); 120 Leopard 2A5 (Strv 122)	AEV: 6 Kodiak	
	IFV: 354 CV9040 (Strf 9040)	ARV: 14 Bgbv 120; 26 CV90	
	APC (T): 281 Pbv 302; 150 BvS10 MkII	MW Aardvark Mk2; 33 Area Clearing System	
	APC (W): 34 XA-180 Sisu (Patgb 180); 20 XA-202 Sisu (Patgb 202); 148 XA-203 Sisu (Patgb 203); 113 Patria AMV (XA-360/Patgb 360)		
	PPV: 360 RG-32M		
Switzerland	MBT: 134 Leopard 2 (Pz-87 Leo)	AEV: 12 Kodiak	12 Piranha IIIC CBRN
	IFV: 154 CV9030; 32 CV9030 CP	ARV: 25 Buffel	
	APC (T): 238 M113A2 (inc variants)	MW: 26 Area Cleaning System; 20 M113A2	
	APC (W): 346 Piranha II; 330 Piranha I/II/IIIC (CP)		
	AUV: 441 Eagle II		
Turkey	MBT: 321 Leopard 2A4; 170 Leopard 1A4; 227 Leopard 1A3; 250 M60A1; 500 M60A3; 167 M60T; 850 M48A5 T1/T2 (2,000 more in store)	AEV: 12 M48; M113A2T2	
	RECCE: 250 Akrep	ARV: 12 Leopard 1; 105 M48T5; 33 M88A1	
	IFV: 645 ACV AIFV	VLB: 52 Mobile Floating Assault Bridge	
	APC (T): 823 ACV AAPC; 2,813 M113/M113A1/M113A2	MW: Tamkar; Husky 2G	
	APC (W): 70+ Cobra		
Turkey (Paramilitary)	PPV : 300+ Kirpi; 50+ Edjer Yacilin 4x4		
	RECCE: Akrep		
UK	APC (W): 535 BTR-60/BTR-80; 25 Condor		
	MBT: 227 Challenger 2	AEV: 60 Terrier; 32 Trojan	8 TPz-1 Fuchs NBC
	RECCE: 197 Jackal; 110 Jackal 2; 130 Jackal 2A; 186 FV107 Scimitar	ARV: 80 Challenger ARRV; 33 FV106 Samson; 105 FV512 Warrior; 41 FV513 Warrior	
	IFV: 466 FV510 Warrior; 88 FV511 (CP); 51 FV514 Warrior (OP); 18 FV515 Warrior (CP)	MW: 64 Aardvark	
	APC (T): 895 Bulldog Mk3	VLB: 37 M3; 33 Titan	
	PPV: 396 Mastiff (6x6)		
	AUV: 399 Foxhound; 275 FV103 Spartan (inc variants); 396 Panther CLV; 168 Ridgback		
UK Royal Marines	APC (T): 99 BvS-10 Mk2 Viking		

RUSSIA AND CENTRAL ASIA

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Armenia	MBT: 3 T-54; 5 T-55; 101 T-72	AEV: MT-LB	
	RECCE: 12 BRM-1K (CP)	ARV: BREhM-D; BREM-1	
	IFV: 75 BMP-1; 6 BMP-1K (CP); 5 BMP-2		
	APC (W): 8 BTR-60; 100 BTR-60 look-a-like; 18 BTR-70; 4 BTR-80		
Armenia (Paramilitary)	RECCE: 5 BRM-1K (CP)		
	IFV: 5 BMD-1; 44 BMP-1; 1 BMP-1K (CP)		
	ABCV: 5 BMD-1		
	APC (W): 24 BTR-60/BTR-70/BTR-152		
Armenia (Border Troops)	RECCE: 3 BRM-1K (CP)		
	ABCV: 5 BMD-1		
	IFV: 35 BMP-1		
	APC (W): 5 BTR-60; 18 BTR-70/BTR-152		
Azerbaijan	MBT: 95 T-55; 244 T-72; 100 T-90S	AEV: MT-LB	
	RECCE: 15 BRM-1	MW: Bozena	
	IFV: 20 BMD-1; 43 BMP-1; 33 BMP-2; 88 BMP-3; 7 BTR-80A; 10+ BTR-82A		
	APC (T): 336 MT-LB		
	ABCV: 20 BMD-1		
	APC (W): 10 BTR-60; 132 BTR-70		
	PPV: 45 Marauder; 45 Matador		
Azerbaijan (Paramilitary)	IFV: 168 BMP-1/BMP-2		
	APC (W): 19 BTR-60/70/80		
Belarus	MBT: 527 T-72; 5 T-72B3	AEV: MT-LB	
	RECCE: 132 BRM-1	VLB: 20 MTU-20; 4 MT-55A	
	IFV: 932 BMP-2		
	AUV: 5 CS/VN3B mod.		
	APC (T): 58 MT-LB		
Belarus (Special Operations)	APC (W): 39 BTR-70; 153 BTR-80		
Belarus (Joint)	APC (T): 20 MT-LB		
Georgia	MBT: 23 T-55; 100 T-72		
	RECCE: 1 BRM-1K; 4+ Didgori-2		
	IFV: 25 BMP-1; 46 BMP-2		
	APC (T): 3+ Lazika; 66 MT-LB		
	APC (W): 25 BTR-70; 19 BTR-80; 8+ Didgori-1; 3+ Didgori-3; 65 Ejder		
	AUV: 10 Cougar		
Kazakhstan	MBT: 300 T-72BA	AEV: MT-LB	
	RECCE: 40 BRDM-2; 60 BRM-1		
	IFV: 500 BMP-2; 107 BTR-80A		
	APC (T): 150 MT-LB		
	APC (W): 190 BTR-80; 17 Cobra; 2 BTR-3E		
	PPV: 10+ Arlan		
Kazakhstan (Coastal Defence)	IFV: 70 BTR-82A		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Kyrgyzstan	MBT: 150 T-72		
	RECCE: 30 BRDM-2		
	IFV: 230 BMP-1; 90 BMP-2		
	APC (W): 25 BTR-70; 20 BTR-70M; 10 BTR-80		
	APC (T): 9 BTR-D; 60 MT-LB (variants)		
	APC (W): 13 BTR-80; 81 TAB-71		
	ABCV: 44 BMD-1		
	MBT: 1,100 T-72B/BA; 800 T-72B3; 450 T-80BV/U; 350 T-90/T-90A; 80 T-72B3 (10,200 in store; 7,000 T-72/T-72A/B; 3,000 T-80B/BV/U; 200 T-90)	AEV: BAT-2; IMR; IMR-2; IRM; MT-LB	
	RECCE: 1,000 BRDM-2/2A; (1,000+ BRDM-2 in store); 700 BRM-1K (CP)	ARV: BMP-1; BREM-1/64/K/L; BTR-50PK(B); M1977; MTP-LB; RM-G; T-54/55; VT-72A	
	IFV: 500 BMP-1; 3,000 BMP-2; 540 BMP-3; 100 BTR-80A; 1,000 BTR-82A/AM; (8,500 in store; 7,000 BMP-1; 1,500 BMP-2)	VLB: KMM; MT-55A; MTU; MTU-20; MTU-72; PMM-2	
	APC (T): 3,500+; some BMO-T; 3,500 MT-LB; (2,000 MT-LB in store)	MW: BMR-3M; GMX-3; MCV-2 (reported); MTK; MTK-2	
	APC (W): 800 BTR-60 (al variants); 200 BTR-70 (all variants); 1,500 BTR-80; 100+ BPM-97 Dozor; (4,000 BTR-60/70 in store)		
Russia (Marines)	PPV: Typhoon-K		
	AUV: 100+ GAZ Tigr; some IVECO LMV		
	MBT: 50 T-72B; 200 T-72B3		
	IFV: 400 BMP-2; 600 BTR-82A		
Russia (Airborne Troops)	APC (T): 300 MT-LB		
	APC (W): 100 BTR-80		
	IFV: 20 BTR-82AM	ARV: BREM-D; BREhM-D	
	MBT: 60 T-72B3		
Russia (Paramilitary)	APC (T): 700 BTR-D; 76 BTR-MDM		
	AUV: GAZ Tigr		
	ABCV: 100 BMD-1; 1,000 BMD-2; 10 BMD-3; 30 BMD-4; 151 BMD-4M		
	IFV/APC (W): 1,000 BMP/BTR		
Russia (National Guard)	RECCE: some BRDM-2A		
	IFV/APC(W): 1,650 BMP-2/BTR-70M/BTR-80/BTR-82A/BTR-82AM		
Tajikistan	MBT: 30 T-72; 7 T-62		
	IFV: 8 BMP-1; 15 BMP-2		
	APC (W): 23 BTR-60/BTR-70/BTR-80		
Turkmenistan	MBT: 4 T-90S; 650 T-72/T-72UMG		
	RECCE: 200 BRDM-2; 60 BRM-1; NIMR Ajban		
	IFV: 600 BMP-1/BMP-1M; 430 BMP-2; 4 BMP-3; 4 BTR-80A		
	APC (W): 120 BTR-60 (all variants); 300 BTR-70; 450 BTR-80A		
	PPV: 28+ Kirpi		
	AUV: 8 Nimr Ajban 440A		
	ABCV: 8 BMD-1		
Ukraine	MBT: 710 T-64/T-64BV/BM; 100 T-72; 22 T-80BV; (10 T-84 Oplot; 100 T-80; 530 T-72; 588 T-64; 20 T-55 all in store)	AEV: 53 BAT-2; MT-LB	
	RECCE: 433 BRDM-2; 115 BRM-1K (CP)	ARV: BREM-1; BREM-2; BREM-64; T-54/T-55	
	IFV: 193 BMP-1; 890 BMP-2; 4 BMP-3; some BTR-3DA; some BTR-3E1; some BTR-4E Bucephalus	VLB: MTU-20	
	APC (T): 15 BTR-D; some MT-LB		
	APC (W): 5 BTR-60; 215 BTR-70; 93 BTR-80		
	PPV: 10 Kozak-2		
	ABCV: 15 BMD-1; 15 BMD-2		
Ukraine (Naval Infantry)	MBT: 31 T-80BV		
	IFV: some BMP-1		
	APC (W): some BTR-60; some BTR-80		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Ukraine (Airborne Troops)	IFV: 30 BMD-1; 45 BMD-2; some BTR-3E1; some BTR-4 Bucephalus		
	APC (T): 25 BTR-D		
	APC (W): 1 BTR-60; 2 BTR-70; 122 BTR-80; 10+ Dozor-B		
Ukraine (Paramilitary)	MBT: T-64; T-64BV; T-64BM; T-72		
	IFV: BTR-3; 32+ BTR-3E1; 50 BTR-4 Bucephalus; 1 BMP-2		
	APC (w): BTR-70; BTR-80		
	PPV: Streit Cougar; Streit Spartan; 22 Kozak-2		
Uzbekistan	MBT: 70 T-72; 100 T-64; 170 T-62	ARV: 20 Maxxpro ARV	
	RECCE: 13 BRDM-2; 6 BRM-1		
	IFV: 270 BMP-2		
	APC (T): 50 BTR-D		
	APC (W): 24 BTR-60; 25 BTR-70; 210 BTR-80		
	PPV: 50 Maxxpro+		
	ABCV: 120 BMD-1; 9 BMD-2		
	AUV: 7 Cougar		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Afghanistan	MBT: 20 T-55/T-62 (24 more in store)	ARV: 20 Maxxpro ARV	
	APC (T): 173 M113A2+	MW: Bozena	
	APC (W): 623 MSFV (inc variants)		
	PPV: 200 Maxxpro		
Australia	MBT: 59 M1A1 Abrams	ARV: 15 ASLAV-F; 17 ASLAV-R; 13 M88A2	
	IFV: 253 ASLAV-25 (all variants)	VLB: 5 Biber	
	APC (T): 431 M113AS4	MW: 12 Husky; 8 MV-10	
	AUV: 1,030 Bushmaster IMV		
Bangladesh	MBT: 174 Type-59; 58 Type-69/Type-69G; 44 Type-90-II (MBT 2000)	AEV: MT-LB	
	LT TK: 8 Type-62	ARV 3+: T-54/T-55; Type-84; 3 Type-654	
	RECCE: 8+ BOV M11	VLB: MTU	
	APC (T): 134 MT-LB		
Brunei	APC (W): 325 BTR-80; 17 Cobra		
	LT TK: 20 Scorpion (16 to be upgraded)	ARV: 2 Samson	
Cambodia	APC (W): 45 VAB		
	MBT: 50 Type-59; 150+ T-54/T-55	ARV: T-54/T-55	
	LT TK 20+: Type-62; 20 Type-63	MW: Bozena; RA-140 DS	
	RECCE 4+ BRDM-2		
	IFV: 70 BMP-1		
	APC (T): M113		
China	APC (W): 200 BTR-60/BTR-152; 30 OT-64		
	MBT: 1,600 ZTZ-59; 650 ZTZ-59-II; 600 ZTZ-59D; 200 ZTZ-79; 300 ZTZ-88A/B; 1,000 ZTZ-96; 1,500 ZTZ-96A; 40 ZTZ-98A; 600 ZTZ-99; 250 ZTZ-99A	ARV: Type-73; Type-84; Type-85; Type-97; Type-654	
	LT TK: 250 ZTD-05; 250 ZTQ-62; 150 ZTS-63A	VLB: KMM; MTU; TMM; Type-84A	
	ASLT: 400 ZTL-11	MW: Type-74; Type-79; Type-81-II; Type-84	
	IFV: 400 ZBD-04; 500 ZBD-04A; 500 ZBL-09; 600 ZBD-86; 650 ZBD-86A; 550 ZSL-92; 600 ZSL-92B		
	APC (T): 2,400 ZSD-63/ZSD-63C; 1,750 ZSD-89		
	APC (W): 700 ZSL-92A; 120 ZBL-11; 50 ZSL-93; some EQ2050F		
	AAV: 300 ZBD-05		
	AUV: Tiger 4x4		
China (Marines)	LT TK: 73 ZTD-05		
	ASLT: 30 ZTL-11		
	IFV: 60 ZBL-08		
	AAV: 152 zbd-05		
China (15th Airborne corps)	ABCV: 180 ZBD-03		
	APC (T): 4 ZZZ-03 (CP)		
India	MBT: 122 Arjun; 1,950 T-72M1; 1,025+ T-90S; (1,100 various models in store)	AEV: BMP-2; FV180	
	RECCE: Ferret (used for internal-security duties along with some indigenously built armed cars)	ARV: T-54/T-55; VT-72B; WZT-2; WZT-3	
	IFV: 700 BMP-1; 1,800 BMP-2 Sarath (inc some BMP-2K CP)	VLB: AM-50; BLG-60; BLG T-72; Kartik; MTU-20; MT-55; Sarvatra	
	APC (w): 157+ OT-64	MW: 24 910 MCV-2	
	PPV: 165 Casspir; 14+ Yukthirath MPV		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Indonesia	MBT: 42 Leopard 2A4; 37 Leopard 2RI	AEV: 3 Leopard 2; 1 M113A1-B-GN	
	LT TK: 275 AMX-13 (partially upgraded); 15 PT-76; 60 Scorpion 90	ARV: 2 AMX-13; 6 AMX-VCI; 3 BREM-2; 4 Leopard 2; Stormer; T-54/T-55	
	RECCE: 55 Ferret (13 upgraded); 69 Saladin (16 upgraded); 18 VBL	VLB: 10 AMX-13; Leguan; 4 Leopard 2; 2 Stormer	
	IFV: 22 Black Fox; 37 Marder 1A3		
	APC (T): 75 AMX-VCI; 34 BTR-50PK; 15 FV4333 Stormer; 93 M113A1-B		
	APC (W): 150 Anoa; some Barracuda; 40 BTR-40; 45 FV603 Saracen (14 upgraded); 100 LAV-150 Commando; 32 VAB-VTT		
	PPV: some Casspir		
	AUV: 14 APR-1; 3 Bushmaster; 22 Commando Ranger		
	Indonesia (Marines)		
	RECCE: 21 BRDM-2		
	IFV: 24 AMX-10P; 22 BMP-2; 54 BMP-3F; 12 BTR-80A; 2 BTR-4		
	APC (T): 100 BTR-50P		
	APC (W): 3 BTR-4M		
	AAV: 10 LVTP-7A1		
Indonesia (Marine Police)	APC (W): 34 Tactica		
Japan	MBT: 66 Type-10; 283 Type74; 341 Type-90	ARV: 4 Type-11; 36 Type-78; 30 Type-90	41 Chemical Reconnaissance Vehicle
	RECCE: 111 Type-87	VLB: 22 Type-91	16 NBC Reconnaissance Vehicles
	IFV: 68 Type-89		
	APC (T): 226 Type-73		
	APC (W): 204 Type-82; 365 Type-96		
	AAV: 4 AAV-7		
	AUV: 4 Bushmaster		
North Korea	MBT: 3,500+ Type-34/T-54/T-55/T-62/Type-59/Chonma/Pokpoong		
	LT TK: 560 PT-76; M-1985		
	IFV: 32 BTR-80A		
	APC (T): BTR-50; Type-531 (Type-63); VTT-323		
	APC (W): 2,500 BTR-40/BTR-60/M-1992/1/BTR-152/M-2010 (6x6)/M-2010 (8x8)		
South Korea	MBT: 1,000 K1; 484 K1A1; 100 K2; 253 M48; 597 M48A5; (80 T-80U; 400 M47 in store)	AEV: 207 M9	
	IFV: 500 Est. K21; 40 BMP-3	ARV: 200 K1; K288A1; M47; 38 M88A1	
	APC (T): 300 Bv 206; 1,700 KIFV; 420 M113; 140 M577 (CP)	VLB: 56 K1	
	APC (W): 20 BTR-80; 200 KM-900/-901 (Fiat 6614)		
	PPV: 10 Maxxpro		
South Korea (Marines)	MBT: 50 K1A1; 50 M48		
	AAV: 166 AAV-7A1		
Laos	MBT: 15 T-54/T-55; 10 T-34/85	ARV: T-54/T-55	
	LT TK: 10 PT-76	VLB: MTU	
	AUV: ZYZ-8002 (VN3)		
	APC (W): 30 BTR-40/BTR-60; 20 BTR-152		
Malaysia	MBT: 48 PT-91M Twardy	AEV: 3 MID-M	K216A1
	LT TK: 21 Scorpion-90	ARV: 41+: Condor; 15 ACV300; 4 K-288A1; 22 SIBMAS; 6 WZT-4	
	RECCE: 130 AML-60/90; 74 SIBMAS (some); 10 VBL	VLB 5+: Leguan; 5 PMCz-90	
	IFV: 31 ACV300 Adnan (25mm Bushmaster); 13 ACV300 Adnan AGL; 27+ AV8 Gempita IFV25		
	APC (T): 149 ACV300 Adnan (inc 69 variants); 13 FV4333 Stormer (upgraded); 63 K-200A; 40 K-200A1		
	APC (W): 32 Anoa; 300 Condor (incl variants); 150 LAV-150 Commando; 30 M3 Panhard		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Mongolia	MBT: 370 T-54/T-55; 50 T-72A	ARV: T-54/T-55	
	RECCE: 120 BRDM-2		
	IFV: 310 BMP-1		
	APC (W): 150 BTR-60; 40 BTR-70M; 20 BTR-80		
Myanmar	MBT: 10 T-55; 50 T-72S; 25+ Type-59D; 100 Type-69-II	ARV: Type-72	
	LT TK: 105 Type-63 (60 serviceable)	VLB: MT-55A	
	ASLT: 24 PTL-02 mod		
	RECCE: 12+ EE-9 Cascavel; 45 Ferret; 30 Mazda; MAV-1		
	IFV: 10+ BTR-3U		
	APC (T): 26 MT-LB; 250 Type-85; 55 Type-90		
	APC (W): 20 Hino; 40 Humber Pig; 30+ Type-92		
	PPV: 10 MPV		
Nepal	RECCE: 40 Ferret		
	APC (W): 8 OT-64C; 5 WZ-551		
	PPV: 90 Casspir; 150 MPV		
New Zealand	IFV: 93 NZLAV-25	AEV: 7 NZLAV	
		ARV: 3 LAV-R	
Pakistan	MBT: 321 Al-Khalid (MBT 2000)/ Al-Khalid I ; 320 T-80UD; 51 T-54/T-55; 1,100 Type-59/Al Zarrar; 400 Type-69; 275+ Type-85; (270 M48A5 in store)	ARV: 65 Type-653; Al Hadeed; 52 M88A1; T-54/T-55	
	APC (T): 1,160 M113/Talha; 100 Type-63	VLB: M47M; M48/60	
	APC (W): 120 BTR-70/BTR-80	MW: Aardvark MkII	
	PPV: 225 Maxxpro		
	AUV: 10 Dingo 2		
Philippines	LT TK: 7 FV101 Scorpion	ARV: ACV-300; Samson; M578; 4 M113 ARV	
	IFV: 2 YPR-765; 34 M113A1 FSV; 18 M113A2 FSV		
	APC (T): 6 ACV300; 42 M113; 120 M113A2		
	APC (W): 73 LAV-150 Commando; 146 Simba		
Philippines (Marines)	APC (W): 19 LAV-150 Commando; 23 LAV-300		
	AAV: 4 LVTH-6; 55 LVTP-7		
Singapore	MBT: 96 Leopard 2SG; (80-100 Tempest (upgraded Centurion) reported in store)	AEV: 18 CET; 54 FV180; 14 Kodiak; 8 M728	
	LT TK: 22 AMX-10 PAC 90; 350 AMX-13 SM1	ARV: Bionix; Buffel; LAV-150; LAV-300	
	IFV: 22 AMX-10P; 250 Bionix IFV-25; 250 Bionix IFV-40/50; 50+ M113A1/A2 (some with 40mm AGL, some with 25mm gun)	VLB: Bionix; LAB 30; Leguan; M2; 60 M3; 12 M60	
	APC (T): 700+ M113A1/A2; 400+ ATTC Bronco	MW: 910-MCV-2; Trailblazer	
	APC (W): 250 LAV-150 Commando/V-200 Commando; 135 Terrex ICV; 30 V-100 Commando		
	PPV: 15 Maxxpro Dash; 40 Peacekeeper; 6+ Belrex		
Sri Lanka	MBT: 62 T-55A/T-55AM2	ARV: 16 VT-55	
	RECCE: 15 Saladin	VLB: 2 MT-55	
	IFV: 13 BMP-1; 49 BMP-2		
	APC (T): 30+: some Type-63; 30 Type-85; some Type-89		
	APC (W): 25 BTR-80/BTR-80A; 31 Buffel; 20 Type-92; 105 Unicorn		
Taiwan	MBT: 200 M60A3; 100 M48A5; 265 M48H Brave Tiger	AEV: 18 M9	48+: BIDS; 48 K216A1; KM453
	LT TK: 625 M41/Type-64; (230 M24 Chaffee (90mm gun); in store)	ARV: CM-27/A1; 37 M88A1	
	IFV: 225 CM-25 (M113 with 20-30mm cannon)	VLB: 22 M3; M48A5	
	APC (T): 650 M113		
	APC (W): 270 CM-32 Yunpao; 300 LAV-150 Commando		
Taiwan (Marines)	AAV: 52 AAV-7A1; 150 LVTP-5A1	ARV: 2 AAVR-7	

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Thailand	MBT: 53 M60A1; 125 M60A3; (50 Type-69 in store); 105 M48A5; 25 T-84 Oplot; 10 VT-4	ARV: 13 BTR-3BR; 22 M88A1; 6 M88A2; 10 M113; 5 Type-653; WZT-4	
	LT TK: 24 M41; 104 Scorpion (50 in store); 66 Stingray	VLB: Type-84	
	RECCE: 32 S52 Shorland	MW: Bozena; Giant Viper	
	IFV: 168 BTR-3E1 (inc variants)		
	APC (T): Bronco; 430 M113A1/A3; 450 Type-85		
	APC (W): 18 Condor; 142 LAV-150 Commando; 9 BTR-3K (CP); 6 BTR-3C (amb)		
	PPV: 100 REVA		
Thailand (Marines)	IFV: 14 BTR-3E1	ARV: 1 AAVR-7	
	APC (W): 24 LAV-150 Commando		
	AAV: 33 LVTP-7		
Vietnam	MBT: 70 T-62; 350 Type-59; 850 T-54/T-55; (45 T-34 in store)		
	LT TK: 300 PT-76; 320 Type-62/Type-63		
	RECCE: 100 BRDM-1/BRDM-2		
	APC (T): Some BTR-50; 200 M113 (to be upgraded); 80 Type-63		
	APC (W): 1,100 BTR-40/BTR-60/BTR-152		
Vietnam (Naval Infantry)	LT TK: PT-76; Type-63		
	APC (W): BTR-60		

NORTH AMERICA

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Canada	MBT: 42 Leopard 2A4 (trg role); 20 Leopard 2A4M (being upgraded); 20 Leopard 2A6M; (61 Leopard 1C2 in store)	AEV: 5 Buffalo; 3 Leopard 2 AEV	
	RECCE: 120 LAV-25 Coyote	ARV: 2 BPz-3 Buffel; 11 Leopard 2 ARV	
	IFV: 226 LAV-III Koiaik (incl. 33 RWS); 409 LAV 6.0		
	APC (T): 235 M113; 33 M577 (CP)		
	APC (W): 175 LAV Bison (inc 10 EW, 32 amb, 32 repair, 64 recovery)		
	AUV: 7 Cougar; 238 TAPV		
Canadian Special Forces			4 LAV Bison NBC
USA	MBT: 775 M1A1 SA Abrams; 1,609 M1A2 SEPv2 Abrams; (3,500 more M1 Abrams in store)	AEV: 113 M1 ABV; 250 M9 ACE; 168 M1132 Stryker ESV	234 M1135 Stryker NBCRV
	ASLT: 134 M1128 Stryker MGS	ARV: 360 M88A1; 750 M88A2; (1,000 more M88A1 in store); some M578	
	RECCE: 1,200 M3A2/A3 Bradley; 545 M1127 Stryker RV; (800 more M3 Bradley in store)	VLB: 20 REBS; 40 Wolverine HAB	
	IFV: 2,500 M2A2/A3 Bradley; 334 M7 A3/SA BFIST (OP); (2000 more M2 Bradley in store)	MW: Aardvark JSFU Mk4; 3+ Hydrema 910 MCV-2; M58/M-59 MICLIC; M139; Rhino	
	APC (T): 5,000 M113A2/A3 (8,000 more in store)		
	APC (W): 1,972 M1126 Stryker ICV; 348 M1130 Stryker CV (CP); 188 M1131 Stryker FSV (OP); 304 M1133 Stryker MEV (Amb)		
	PPV: 2,633 MaxxPro Dash; 301 MaxxPro LWB (Amb)		
	AUV: 2,900 M1117 ASV; 465 M1200 Armored Knight (OP); 5,651 M-ATV		
US Marine Corps	MBT: 447 M1A1 Abrams	AEV: 42 M1-ABV	
	IFV: 502 LAV-25	ARV: 60 AAVRA1; 45 LAV-R; 80 M88A1/2	
	APC (W): 207 LAV variants (66 CP; 127 log; 14 EW)	VLB: 6 Joint Aslt Bridge	
	AAV: 1,200 AAV-7A1 (all roles)	MW: 38 Buffalo	
	AUV: 1,725 Cougar; 704 M-ATV		
US Special Operations Command	APC (W): 12 Pandur		
	AUV: 640 M-ATV		

MIDDLE EAST AND NORTH AFRICA

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Algeria	MBT: 400 T-90SA; 325 T-72; 300 T-62; 270 T-54/T-55		
	RECCE: 44 AML-60; 26 BRDM-2; 64 BRDM-2M with 9M133 Kornet (AT-14 Spriggan)		
	IFV: 685 BMP-1; 304 BMP-2M with 9M133 Kornet (AT-14 Spriggan); 100 BMP-3		
	APC (W): 250 BTR-60; 150 BTR-80; 150 OT-64; 55 M3 Panhard; 176+ Fuchs 2; 100 Fahd		
	PPV: 2 Marauder		
Algeria (Paramilitary)	RECCE: AML-60		
	APC (W): 100 TH-390 Fahd; 110 Panhard M3		
Bahrain	MBT: 180 M60A3	ARV: 53 Fahd 240	
	RECCE: 22 AML-90		
	IFV: 25 YPR-765 PRI; 42 AIFV-B-C25		
	APC (T): 200 M113A2; 3 AIFV-B		
	APC (W): Arma 6x6		
Bahrain (Paramilitary)	RECCE: 8 S52 Shorland		
	APC (W): Otokar ISV; Cobra		
Egypt	MBT: 1,110 M1A1 Abrams; 300 M60A1; 850 M60A3; 200 T-62 (260 Ramses II (mod T-54/55); 840 T-54/T-55; 300 T-62 all in store)	ARV: Fahd 240; BMR 3560.55; 12 Maxxpro ARV; 220 M88A1; 90 M88A2; M113 ARV; 45 M578; T-54/55 ARV	
	RECCE: 300 BRDM-2; 112 Commando Scout	VLB: KMM; MTU; MTU-20	
	IFV: 390 YPR-765 25mm; (205 BMP-1 in store); 15+ BMP-1	MW: Aardvark JFSU Mk4	
	APC (T): 2,000 M113A2/YPR-765 (inc variants); 500 BTR-50; 200 OT-62		
	APC (W): 250 BMR-600P; 250 BTR-60; 410 Fahd-30/TH 390 Fahd; 650 Walid		
	PPV: 92 Caiman; some REVA III; some REVA V LWB; 349 RG-33L (incl. 89 amb)		
	AUV: Panthera T6; Sherpa Light Scout		
Egypt (Paramilitary Central Security Forces)	APC (W): Walid		
Egypt (Paramilitary National Guard)	APC (W): 250 Walid		
Iran	MBT: 480 T-72S; 150 M60A1; 75+ T-62; 100 Chieftain Mk3/Mk5; 540 T-54/T-55/Type-59/ Safir-74; 168 M47/M48; Zulfiqar	ARV: 20 + BREM-1 reported; 20 Chieftain ARV; M578; T-54/T-55 ARV reported	
	LT TK: 80 Scorpion; Towsan	VLB: 15 Chieftain AVLB	
	RECCE: 35 EE-9 Cascavel	MW: Taftan 1	
	IFV: 210 BMP-1; 400 BMP-2 with 9K111 Fagot (AT-4 Spigot)		
	APC (T): 140 Boragh with 9K111 Fagot (AT-4 Spigot); 200 M113; BMT-2 Cobra		
	APC (W): 300 BTR-50/BTR-60; Rakhsh		
Iraq	MBT: 100 M1A1 Abrams; 168+ T-72; 50 T-55	ARV: 180 BREM; 35+ M88A1/2; T-54/55 ARV; Type-653; VT-55A	20 Fuchs NBC
	RECCE: 400 Akrep; 18 BRDM 2; 35 EE-9 Cascavel		
	IFV: 80 BMP-1; 60 BTR-4 (inc variants); 100 BTR-80A		
	APC (T): 500 M113A2/Talha; 400 MT-LB		
	APC (W): 10 Cobra		
	PPV: 12 Barracuda; 250 Caiman; 500 Dzik-3; 400 ILAB Badger; Mamba; 30 Maxxpro		
	AUV: M-ATV		
Israel	MBT: 160 Merkava MkIII; 300 Merkava MkIV (370 Merkava MkII; 570 Merkava MkIII; 180 Merkava MkIV all in store)	AEV: D9R; Puma	8 TPz-1 Fuchs NBC
	RECCE: 300 RBY-1 RAMTA	ARV: Centurion Mk2; Eyal; Merkava; M88A1; M113 ARV	
	APC (T): 100 Namer; 200 Achzarit (modified T-55 chassis); 500 M113A2; 400 Nagmachon (Centurion chassis); Nakpadon (5,000 M113A1/A2 in store)	VLB: Alligator MAB; M48/60; MTU	
	AUV: 100 Ze'ev		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Jordan	MBT: 390 FV4034 Challenger 1 (Al Hussein); 182 M60 Phoenix; (274 FV4030/2 Khalid in store)	ARV: Al Monjed; 55 Chieftain ARV; Centurion Mk2; 20 M47; 32 M88A1; 30 M578; 18 YPR-806	
	LT TK: (19 FV101 Scorpion in store)	MW: 12 Aardvark Mk2	
	ASLT: 141 B1 Centauro		
	RECCE: 103 FV107 Scimitar; 50 FV701 Ferret		
	IFV: 13 AIFV-B-C25; 31 BMP-2; 321 Ratel-20; 336 YPR-765 PRI		
	APC (T): 370 M113A1/A2 Mk1J; 269 M577A2 (CP); some Tamsah; 87 YPR-765 PROCO (CP); 3 AIFV-B		
	PPV: 25 Marauder; 25 Matador; 100 MaxxPro		
	AUV: 35 Cougar		
Jordan (Paramilitary)	APC (W): AT105 Saxon (reported); 25+ EE-11 Urutu		
	AUV: AB2 Al-Jawad		
Kuwait	MBT: 218 M1A2 Abrams; 75 M-84 (75 more in store)	ARV: 24 M88A1/2; Type-653A; Warrior	11 TPz-1 Fuchs NBC
	IFV: 76 BMP-2; 153 BMP-3; 236 Desert Warrior (inc variants)	MW: Aardvark Mk2	
	APC (T): 230 M113A2; 30 M577 (CP)		
	APC (W): (40 TH 390 Fahd in store)		
Kuwait (Paramilitary)	RECCE: 20 VBL	ARV: Pandur	
	APC (W): 5+ Desert Chameleon; 70 Pandur; 22 S600 (inc variants)		
Lebanon	MBT: 92 M48A1/A5; 185 T-54; 47 T-55	ARV: M113 ARV; T-54/55 ARV reported	
	RECCE: 55 AML	VLB: MTU-72 reported	
	IFV: 16 AIFV-B-C25; 8 M2A2 Bradley	MW: Bozena	
	APC (T): 1,274 M113A1/A2 (inc variants)		
	APC (W): 86 VAB VCT; 10 VBPT-MR Guarani		
Lebanon (Paramilitary)	APC (W): 60 V-200 Chaimite		
Libya (Ground Forces)	MBT: T-55; T-72	ARV: Centurion 105 AVRE	
	IFV: BMP-2		
	APC (T): 4K-7FA Steyr		
	AUV: Nimr Ajban		
Libya (National Army)	MBT: T-55; T-72		
	RECCE: BRDM-2; EE-9 Cascavel		
	IFV: BMP-1; Ratel-20		
	APC (T): M113		
	APC (W): BTR-60PB; Puma		
	PPV: Streit Typhoon		
	AUV: Panthera T6		
Mauritania	MBT: 35 T-54/T-55	ARV: T-54/T-55 ARV reported	
	RECCE: 20 AML-60; 40 AML-90; 10 Saladin		
	APC (W): 5 FV603 Saracen; 20 Panhard M3; 12 Cobra		
Mauritania (Paramilitary)	APC (W): 12 Cobra		
Morocco	MBT: 27+ M1A1SA Abrams; 220 M60A1 Patton; 120 M60A3 Patton; 40 T-72; (200 m48a5 Patton in store)	ARV: 10 Grief; 18 M88A1; M578; 20 VAB-ECH	
	LT TK: 5 AMX-13; 111 SK-105 Kuerassier		
	ASLT: 80 AMX-10RC		
	RECCE: 38 AML-60-7; 190 AML-90; 40 EBR-75; 16 Eland		
	IFV: 10 AMX-10P; 30 Ratel Mk3-20; 30 Ratel Mk3-90; 45 VAB VCI		
	APC (T): 400 M113A1/A2; 86 M577 A2 (CP)		
	APC (W): 320 VAB VTT		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Oman	MBT: 38 Challenger 2; 6 M60A1 Patton; 73 M60A3 Patton	ARV: 4 Challenger; 2 M88A1; 2 Piranha; 3 Samson	
	LT TK: 37 FV101 Scorpion		
	RECCE: 13 FV105 Sultan (CP); 124 VBL		
	IFV: some Pars III 8x8 (reported)		
	APC (T): 10 FV4333 Stormer		
	APC (W): 175 Piranha (inc variants); 15 AT-105 Saxon		
	AUV: 6 FV103 Spartan		
Oman (Royal Guard)	ASLT: 9 Centauro MGS (9 VBC-90 in store)		
	APC (W): 50 Type-92; 14 VAB VCI; 9 VAB VDAA		
Qatar	MBT: 30 AMX-30; 43 Leopard 2A7	ARV: 1 AMX-30D; 2 Piranha	
	ASLT: 12 AMX-10RC; 36 Piranha II 90mm		
	RECCE: 20 EE-9 Cascavel; 8 V-150 Chaimite; 16 VBL		
	IFV: 40 AMX-10P		
	APC (T): 30 AMX-VCI		
	APC (W): 160 VAB		
Saudi Arabia	MBT: 140 AMX-30; 370 M1A2/A2S Abrams; 390 M60A3 Patton	AEV: 15 M728	10 TPz-1 Fuchs NBC
	RECCE: 300 AML-60/AML-90	ARV: 8 ACV ARV; AMX-10EHC; 55 AMX-30D; Leclerc ARV; 125 M88A1; 90 M578	
	IFV: 380 AMX-10P; 385 M2A2 Bradley	VLB: 10 AMX-30	
	APC (T): 1,190 M113A1/A2/A3 (inc variants)	MW: Aardvark Mk2	
	APC (W): 150 Panhard M3; (40 AF-40-8-1 Al-Fahd in store)		
	AUV: 73 Aravis; 160 M-ATV		
Saudi Arabia (Marines)	RECCE: Bastion Patsas		
Saudi Arabia (Marines)	APC (W): 140 BMR-600P		
Saudi Arabia (National Guard)	ASLT: 214 LAV-AG (90mm)	AEV: 58 LAV-E	
	IFV: 647 LAV-25	ARV: 111 LAV-R; V-150 ARV	
	APC (W): 119 LAV-A; 30 LAV-AC; 296 LAV-CC; 73 LAV-PC; 290 V-150 Commando (810 in store)		
Saudi Arabia (Special Security Forces)	APC (W): UR-416		
Syria	MBT: T-55A; T-55AM; T-55AMV; T-62; T-72; T-72AV; T-72B; T-72M1; T-90	ARV: BREM-1 reported; T-54/55	
	RECCE: BRDM-2	MW: UR-77	
	IFV: BMP-1; BMP-2; BTR-82A	VLB: MTU; MTU-20	
	APC: IVECO LMV		
	APC (T): BTR-50		
	APC (W): BTR-152; BTR-60; BTR-70; BTR-80		
Tunisia	MBT: 30 M60A1; 54 M60A3	AEV: 2 Grief	
	LT TK: 48 SK-105 Kuerassier	ARV: 3 Grief; 6 M88A1	
	RECCE: 40 AML-90; 20 FV601 Saladin		
	APC (T): 140 M113A1/A2		
	APC (W): 110 Fiat 6614		
	PPV: 100+ Kirpi; Ejder Yalcin		
Tunisia (Paramilitary National Guard)	ASLT: 2 EE-11 Urutu FSV		
	APC (W): 16 EE-11 Urutu (anti-riot); VAB Mk.3		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
UAE	MBT: 45 AMX-30; 340 Leclerc; 36 OF-40 Mk2 (Lion)	AEV: 53 ACV-AESV	32 TPz-1 Fuchs NBC
	LT TK: 76 FV101 Scorpion	ARV: 8 ACV-AESV Recovery; 4 AMX-30D; 85 BREM-L; 46 Leclerc ARV	
	RECCE: 49 AML-90; 24 VBL; (20 FV701 Ferret in store); (20 FV601 Saladin in store)		
	IFV: 15 AMX-10P; 390 BMP-3		
	APC (T): 136 AAPC (inc 53 engr plus other variants)		
	APC (W): 40 AMV 8x8; 120 EE-11 Urutu; 370 Panhard M3; 80 VCR (inc variants); 20 VAB		
	PPV: 450+ Caiman; 29 Maxxpro LWB		
	AUV: 750 M-ATV; Nimr		
UAE (Presidential Guard Command)	MBT: 50 Leclerc		
	IFV: 200 BMP-3; 90 BTR-3U Guardian		
Yemen	MBT: Some M60A1; T-34; T-54/55; T-62; T-72		
	RECCE: some BRDM-2		
	APC (W): BTR-60		

SUBSAHARAN AFRICA

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Angola	MBT: 200 T-54/T-55; 50 T-62; 50 T-72	ARV: T-54/T-55	
	LT TK: 10 PT-76	MW: Bozena	
	RECCE: 600 BRDM-2		
	IFV: 250 BMP-1/BMP-2		
	ASLT: 3+ PTL-02 Assaulter		
	PPV: 45 Casspir NG2000		
	APC (T): 31 MT-LB		
	APC (W): 170 BTR-152/BTR-60/BTR-80		
Benin	ABCV: BMD-3		
	LT TK: 18 PT-76		
	RECCE: 3 AML-90; 14 BRDM-2; 7 M8; 10 VBL		
	APC (T): 22 M113		
Botswana	PPV: 2 Bastion APC; 10 Casspir NG		
	LT TK: 20 (Est.) SK-105 Kuerassier; 25 FV101 Scorpion	ARV: Greif; M578	
	RECCE: RAM-V-1; 8 RAM-V-2; 64 VBL	MW: Aardvark Mk.2	
	APC (W): 50 BTR-60; 50 LAV-150 Commando (some with 90mm gun); 45 MOWAG Piranha III		
Burkina Faso	AUV: 6 FV103 Spartan		
	RECCE: 19 AML-60/AML-90; 8+ Bastion Patsas; 24 EE-9 Cascavel; 30 Ferret; 2 M20; 8 M8		
	APC (W): 13 Panhard M3; Some Bastion APC		
Burundi	PPV: 31 Puma M26-15		
	RECCE: 6 AML-60; 12 AML-90; 30 BRDM-2; 7 S52 Shorland		
	APC (W): 20 BTR-40; 10 BTR-80; 9 Panhard M3; 15 Type-92; 6 Walid		
	PPV: 12 RG-31 Nyala; 10 RG-33L; 12 Casspir		
Cameroon	AUV: 15 Cougar 4x4		
	ASLT: 6 AMX-10RC; 12 PTL-02 mod (Cara 105)	ARV: WZ-551 ARV	
	RECCE: 31 AML-90; 15 Ferret; 8 M8; 5 RAM Mk3; 5 VBL		
	IFV: 8 LAV-150 Commando with 20mm gun; 14 LAV-150 Commando with 90mm gun; 12 Ratel-20 (Engr); 8 Type-07P		
	APC (T): 12 M3 half track		
	APC (W): 21 LAV-150 Commando		
	PPV: 16 Gaia Thunder		
Cape Verde	AUV: 6 Cougar 4x4		
	RECCE: 10 BRDM-2		
Central African Republic	MBT: 3 T-55		
	RECCE: 8 Ferret; 1 BRDM-2		
	IFV: 18 Ratel		
	APC (W): 4 BTR-152; 10+ VAB		
Chad	MBT: 60 T-55		
	ASLT: 30 PTL-02 Assaulter		
	RECCE: 132 AML-60/AML-90; 22 Bastion Patsas; 100 BRDM-2; 20 EE-9 Cascavel; 4 ERC-90F Sagaie; 31+ RAM Mk3		
	IFV: 80 BMP-1; 9 LAV-150 Commando with 90mm gun; 42 BMP-1U		
	APC (W): 24 BTR-80; 12 BTR-3E; 20 BTR-60; 10 Black Scorpion; 25 VAB-VTT; 8 WZ-523		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Congo	MBT: 25 T-54/T-55; 15 Type-59; (some T-34 in store)		
	LT TK: 3 PT-76; 10 Type-62		
	RECCE: 25 BRDM-1/BRDM-2		
	APC (W): 20 BTR-152; 30 BTR-60; Panhard M3; 28 AT-105 Saxon		
	PPV: 18 Mamba; 37 Marauder		
Cote d'Ivoire	MBT: 10 T-55	VLB: MTU	
	LT TK: 5 AMX-13		
	RECCE: 15 AML-60/AML-90; 13 BRDM-2; 6 ERC-90F4 Sagaie		
	IFV: 10 BMP-1/BMP-2		
	APC (W): 12 Panhard M3; 13 VAB; 6 BTR-80		
DRC	MBT: 12-17 Type-59; 32 T-55; 100 T-72AV; 25 T-64BV-1		
	LT TK: 10 PT-76; 30 Type-62 (reportedly being refurbished)		
	RECCE: up to 17 AML-60; 14 AML-90; 19 EE-9 Cascavel; 2 RAM-V-2		
	IFV: 20 BMP-1		
	APC (T): 3 BTR-50; 6 MT-LB		
	APC (W): 30-70 BTR-60PB; 58 Panhard M3; 7 TH 390 Fahd		
Djibouti	ASLT: 1 PTL-02 Assaulter		
	RECCE: 4 AML-60; 17 AML-90; 15 VBL		
	IFV: 8 BTR-80A; 16-20 Ratel		
	APC (W): 12 BTR-60; 4+ AT-105 Saxon; 11 Puma		
	PPV: 10 RG-33L; 3 Casspir		
	AUV: 12 Cougar 4x4; 12 PKSV		
Equatorial Guinea	MBT: 3 T-55		
	RECCE: 6 BRDM-2		
	IFV: 20 BMP-1		
	APC (W): 10 BTR-152		
	PPV: 12 Reva (reported)		
Eritrea	MBT: 270 t-54/t-55	ARV: T-54/T-55 reported	
	RECCE: 40 BRDM-1/BRDM-2	VLB: MTU reported	
	IFV: 15 BMP-1		
	APC (T): 10 MT-LB		
	APC (W): 25 BTR-152/BTR-60		
Ethiopia	MBT: 246+ T-54/T-55/T-62; 215 T-72	ARV: T-54/T-55 reported; 4 BTS-5B	
	RECCE: 100 BRDM-1/BRDM-2	VLB: MTU reported	
	IFV: 20 BMP-1	MW; Bozena	
	APC (T): some Type-89		
	APC (W): 300 BTR-60/BTR-152; some Type-92		
	AUV: some Ze'ev		
Gabon	RECCE: 24 AML-60/AML-90; 12 EE-3 Jaracaca; 14 EE-9 Cascavel; 6 ERC-90F4 Sagaie; 7 RAM V-2; 14 VBL		
	IFV: 12 EE-11 Urutu (with 20mm gun)		
	APC (W): 9 LAV-150 Commando; 5 Bastion APC; 3 WZ-523; 12 VXB-170; 1 Pandur		
	PPV: 34 Ashok Leyland MPV		
	AUV: 12 Aravis		
Ghana	RECCE: 3 EE-9 Cascavel		
	IFV: 24 Ratel-90; 15 Ratel-20; 4 Piranha 25mm; 5+ Type-05P 25mm		
	APC (W): 46 Piranha; 9 Type-05P		
	PPV: 50 Streit Typhoon		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Guinea	MBT: 30 T-34; 8 T-54	ARV: T-54/T-55 reported	
	LT TK: 15 PT-76		
	RECCE: 2 AML-90; 25 BRDM-1/BRDM-2		
	IFV: 2 BMP-1		
	APC (T): 10 BTR-50		
	APC (W): 16 BTR-40; 8 BTR-60; 6 BTR-152		
	PPV: 10 Mamba; 9 Puma M36		
Guinea-Bissau	MBT: 10 T-34		
	LT TK: 15 PT-76		
	RECCE: 10 BRDM-2		
	APC (W): 35 BTR-40/BTR-60; 20 Type-56 (BTR-152)		
Kenya	MBT: 78 Vickers Mk3	ARV: 7 Vickers ARV	
	RECCE: 72 AML-60/AML-90; 12 Ferret; 8 S52 Shorland	MW: Bozena	
	APC (W): 52 UR-416; 32 Type-92; (10 M3 Panhard in store)		
	PPV: 105 Puma M26-15		
Lesotho	MBT: 1 T-55		
	RECCE: 4 AML-90; 2 BRDM-2; 6 RAM Mk3; 10 RBY-1; 8 S52 Shorland		
Madagascar	LT TK: 12 PT-76		
	RECCE: 35 BRDM-2; 10 FV701 Ferret; 20 M3A1; 8 M8		
	APC (T): 30 M3A1 half track		
Malawi	RECCE: 13 Eland-90; 8 FV701 Ferret; 20 FV721 Fox; 8 RAM Mk.3		
	APC: PPV 18 Puma M26-15; 14 Casspir; 9 Marauder		
Malawi (Paramilitary)	RECCE: 8 S52 Shorland		
Mali	RECCE: BRDM-2		
	APC (W): 3+ Bastion APC; 10+BTR-60PB; 9 BTR-70		
Mauritius	RECCE: 4 S52 Shorland		
	IFV: 2 VAB with 20mm gun		
	APC (W): 7 Tactica; 9 VAB		
Mozambique	MBT: 60+ T-54		
	RECCE: 30 BRDM-1/ BRDM-2		
	IFV: 40 BMP-1		
	APC (T): 30 FV430		
	APC (W): 160 BTR-60; 100 BTR-152; 25 AT-105 Saxon		
	PPV: 11 Caspir		
Namibia	MBT: T-54/T-55; T-34	ARV: T-54/T-55 reported	
	RECCE: 12 BRDM-2		
	APC (W): 10 BTR-60; 3Type-O5P; 28 Wolf Turbo 2		
	IFV: 5 Type-O5P mod (with BMP-1 turret); 28 Wolf Turbo 2		
	PPV: 20 Casspir		
Niger	RECCE: 35 AML-20/AML-60; 90 AML-90; 7 VBL		
	APC (W): 22 Panhard M3; 2 WZ-523		
	PPV: 21 Puma M26-15		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Nigeria	MBT: 176 Vickers Mk 3; 100 T-55; 12 T-72AV; 31 T-72M1	ARV: AVGP Husky; 2 Greif; 15 Vickers ARV	
	LT TK: 157 FV101 Scorpion	VLB: MTU-20; VAB	
	RECCE: 90 AML-60; 40 AML-90; 70 EE-9 Cascavel; 50 FV721 Fox; 20 FV601 Saladin Mk2; 72 VBL		
	IFV: 10 BTR-4EN; 22 BVP-1		
	APC (T): 250 4K-7FA Steyr; 67 MT-LB		
	PPV: 16 Caiman; 8 Maxxpro; 23 REVA III 4x4; Streit Spartan; Streit Cougar (Igirigi); Streit Typhoon; Bigfoot		
	APC (W): 110 Cobra; 10 FV603 Saracen; 110 AVGP Grizzly mod/Piranha I 6x6; 47 BTR-3UN; 5 BTR-80; some EE-11 Urutu (reported)		
Nigeria (Paramilitary)	APC (W): 70+ AT105 Saxon; 4 BTR-3U; UR-416		
Rwanda	MBT: 24 T-54/T-55; 10 Tiran-5	ARV: T-54/T-55 reported	
	RECCE: 90 AML-60/AML-90; 16 VBL		
	IFV: BMP; 15 Ratel-90; 20 Ratel-60		
	APC (W): BTR; Buffalo (Panhard M3); 20 Type-92 (reported); 30 Cobra		
	PPV: 40 RG-31 Nyala		
Senegal	ASLT: 13 PTL-O2 Assaulter	ARV: 1 Puma M36	
	RECCE: 30 AML-60; 74 AML-90; 10 M8; 4 M20; 27 RAM Mk3		
	IFV: 26 Ratel-20		
	APC (T): 12 M3 half track		
	APC (W): 16 Panhard M3; 2 Oncilla; WZ-551 (CP)		
	PPV: 8 Casspir; 39 Puma M26-15		
Senegal (Paramilitary)	APC (W): 5 EE-11 Urutu; 12 VXB-170		
	PPV: 12 Gila		
Seychelles	RECCE: 6 BRDM-2		
Sierra Leone	PPV: 3 Casspir; 1 Mamba Mk.5		
Somalia	APC (W): Fiat 6614		
	MBT: T-54/55		
	RECCE: Fiat 6614		
South Africa	MBT: 24 Olifant 2 (133 Olifant 1B in store)	ARV: Gemsbok	
	ASLT: 50 Rooikat-76 (126 in store)	VLB: Leguan	
	IFV: 534 Ratel-20/Ratel-60/Ratel-90	MW: Husky	
	APC: PPV: 370 Casspir; 440 Mamba		
South Sudan	MBT: some T-55; 80 T-72 AV		
	APC: PPV: Streit Typhoon; Streit Cougar; Mamba		
Sudan	MBT: 20 M60A3; 60 Type-59/Type-59D; 305 T-54/T-55; 70 T-72M1; 10 Al-Bashier (Type-85-IIM)		
	LT TK: 70 Type-62; 45 Type-63		
	RECCE: 6 AML-90; 70 BRDM-1/2; 50-80 FV701 Ferret; 30-50 FV601 Saladin		
	IFV: 135 BMP-1/2; 10 BTR-3; 7 BTR-80A		
	APC (T): 20-30 BTR-50; 36 M113		
	APC (W): 10 BTR-70M Kobra 2; 50-80 BTR-152; 20 OT-62; 50 OT-64; 3+ Rakhsh; 55-80 V-150 Commando; 96 ; 96 Walid; 10 WZ-551; WZ-523		
Tanzania	MBT: 30 T-54/T-55; 15 Type-59G		
	LT TK: 30 FV101 Scorpion; 25 Type-62; 2+ Type-63A		
	RECCE: 10 BRDM-2		
	APC (W): 10 BTR-40/BTR-152; 4 Type-92		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Togo	MBT: 2 T-54/T-55		
	LT TK: 9 FV101 Scorpion		
	RECCE: 3 AML-60; 7 AML-90; 30 Bastion Patsas; 36 EE-9 Cascavel; 6 M8; 3 M20; 2 VBL		
	IFV: 20 BMP-2		
	APC (T): 4 M3A1 half track		
	APC (W): 30 UR-416		
Uganda	MBT: 185 T-54/T-55; 10 T-72; 44 T-90S (reported); ZTZ-85-IIM	ARV: T-54/T-55 reported	
	LT TK: 20 PT-76	VLB: MTU reported	
	RECCE: 40 Eland-20; 6 FV701 Ferret	MW: Chubby	
	IFV: 31 BMP-2		
	APC (W): 15 BTR-60; 20 Buffel; 4 OT-64; 19 Bastion		
	PPV: 42 Casspir; 40 Mamba; 10 RG-33L		
Zambia	AUV: 15 Cougar		
	MBT: 20 Type-59; 10 T-55	ARV: T-54/T-55 reported	
	LT TK: 30 PT-76		
	RECCE: 70 BRDM-1/BRDM-2 (30 serviceable)		
	IFV: 23 Ratel-20		
Zimbabwe	APC (W): 13 BTR-60; 20 BTR-70		
	MBT: 30 Type-59; 10 Type-69	ARV: T-54/T-55 reported; ZJX-93ARV	
	RECCE: 20 Eland-60/90; 15 FV701 Ferret; 80 EE-9 Cascavel (90mm)	VLB: MTU reported	
	IFV: 2+ YW307		
	APC (T): 8 ZSD-85 (Incl. CP); 22 VTT-323		

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LATIN AMERICA AND CARIBBEAN

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Argentina	MBT: 225 TAM; 6 TAM S21	ARV: Greif	
	LT TK: 107 SK-105A1 Kuerassier; 6 SK-105A2 Kuerassier; 4 Patagon		
	RECCE: 47 AML-90		
	IFV: 118 VCTP (inc variants); 114 M113A2 (20mm cannon)		
	APC (T): 70 M113A1-ACAV; 204 M113A2		
	APC (W): 4 WZ-551B1		
Argentina (Marines)	RECCE: 12 ERC-90F Sagaie	ARV: AAVR-7	
	APC (W): 31 VCR		
	AAV: 13 LARC-5; 11 LVTP-7		
Argentina (Paramilitary)	RECCE: S52 Shorland		
	APC (w): 47 Grenadier; 40 UR-416		
Bolivia	LT TK: 36 SK-105A1 Kuerassier; 18 SK-105A2 Kuerassier	ARV: 4 Greif; M578 LARV	
	RECCE: 24 EE-9 Cascavel		
	APC (T): 50+ M113; 37 M9 half-track		
	APC (w): 24 EE-11 Urutu; 22 MOWAG Roland; 15 V-100 Commando		
	AUV: 19 Tiger 4x4		
Brazil	MBT: 128 Leopard 1A1BE; 220 Leopard 1A5BR; 45 M60A3/TTS	AEV: Greif; HART; 4+ Leopard 1	
	LT TK: 50 M41C	ARV: Leopard 1; 4 M88A1; M578 LARV	
	RECCE: 408 EE-9 Cascavel	VLB: XLP-10; 4 Leopard 1	
	IFV: 6 VBTP-MR Gurarani 30mm		
	APC (T): 584 M113; 12 M113A2; 34 M577A2		
	APC (W): 223 EE-11 Urutu; 160 VBTP-MR Guarani 6x6		
Brazil (Marines)	LT TK: 18 SK-105 Kuerassier		
	APC (T): 30 M113A1 (inc variants)		
	APC (W): 30 Piranha IIIC		
	AAV: 13 AAV-7A1; 12 LVTP-7; 1 AAV-7A1 RAM/RS;		
Chile	MBT: 114 Leopard 1; 131 Leopard 2A4	AEV: 9 Leopard 1	
	IFV: 173 Marder 1A3; 18 YPR-765 PRI	ARV: 35 Leopard 1	
	APC (T): 369 M113A1/A2	VLB: 16 Leopard 1	
	APC (W): 179 Piranha	MW: 3 Leopard 1	
Chile (Marines)	LT TK: 15 FV101 Scorpion		
	APC (W): 25 MOWAG Roland		
	AAV: 12 AAV-7		
Chile (Paramilitary)	APC (W): 20 MOWAG Roland		
Colombia	RECCE: 121 EE-9 Cascavel		
	IFV: 28 Commando Advanced; 32 LAV III		
	APC (T): 28 M113A1 (TPM-113A1); 26 M113A2 (TPM-113A2)		
	APC (W): 56 EE-11 Urutu		
	PPV: 4 RG-31 Nyala		
	AUV: 38 M1117 Guardian		
Cuba	MBT: 900 T-34/T-54/T-55/T-62		
	LT TK: PT-76		
	ASLT: BTR-60 100mm		
	RECCE: BRDM-2		
	AIFV: 50 BMP-1/IP		
	APC: 500 BTR-152/BTR-50/BTR-60		
Dominican Republic	LT TK: 12 M41B (76mm)		
	APC (W): 8 LAV-150 Commando		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Ecuador	LT TK: 24 AMX-13		
	RECCE: 25 AML-90; 10 EE-3 Jararaca; 32 EE-9 Cascavel		
	APC (T): 80 AMX-VCI; 15 M113		
	APC (W): 18 EE-11 Urutu; 10 UR-416		
El Salvador	RECCE: 5 AML-90; (4 more in store)		
	APC (W): 30 VAL Cashuat (mod); 8 UR-416		
Guatemala	RECCE: (7 M8 in store)		
	APC (T): 10 M113 (5 more in store)		
	APC (W): 30 Armadillo; 7 V-100 Commando		
Guyana	RECCE: 6 EE-9 Cascavel (reported); 3 S52 Shorland		
Honduras	LT TK: 12 FV101 Scorpion		
	RECCE: 1 FV105 Sultan (CP); 3 FV107 Scimitar; 40 FV601 Saladin; 13 RBY-1		
Jamaica	AUV: 12 Bushmaster		
Mexico	RECCE: 19 DN-5 Toro; 127 ERC-90F1 Lynx (7 trg); 40 M8; 37 MAC-1; 32 VBL	ARV: 3 M32 Recovery Sherman; 4 VCR ARV	
	APC (T): 390 DNC-1 (mod AMX-VCI); 40 HWK-11; 33 M5A1 half-track		
	APC (W): 95 BDx; 16 DN-4; 2 DN-6; 28 LAV-100 (Pantera); 26 LAV-150 ST; 25 MOWAG Roland; 44 VCR (3 amb; 5 cmd post)		
Mexico (Marines)	APC (W): 3 BTR-60 (APC-60); 26 BTR-70 (APC-70)		
Nicaragua	MBT: 62 T-55 (65 more in store); 20 T-72B1	AEV: T-54/T-55	
	LT TK: (10 PT-76 in store)	VLB: TMM-3	
	RECCE: 20 BRDM-2		
	IFV: 17+ BMP-1		
	APC (W): 41 BTR-152 (61 more in store); 45 BTR-60 (15 more in store); 4+ BTR-70M		
Paraguay	MBT: 3 M4A3 Sherman		
	RECCE: 28 EE-9 Cascavel		
	APC (W): 12 EE-11 Urutu		
Peru	MBT: 165 T-55; (75 in store)	ARV: M578	
	LT TK: 96 AMX-13		
	RECCE: 30 BRDM-2; 15 Fiat 6616; 50 M9A1		
	APC (T): 120 M113A1		
	APC (W): 150 UR-416; 25 Fiat 6614		
Peru (Marines)	APC (W): 32 LAV II; V-100 Commando; 15 V-200 Chaimite		
Peru (Paramilitary-National Police)	APC (W): 20 BMR-600; 100 MOWAG Roland		
Suriname	RECCE: 6 EE-9 Cascavel		
	APC (W): 15 EE-11 Urutu		
Uruguay	MBT: 15 Tiran-5	AEV: MT-LB	
	LT TK: 16 M24 Chaffee; 22 M41A1UR		
	RECCE: 15 EE-9 Cascavel		
	IFV: 18 BMP-1		
	APC (T): 24 M113A1UR; 3 MT-LB		
	APC (W): 54 Condor; 48 GAZ-39371 Vodnik; 53 OT-64; 47 OT-93; 147 Piranha		
Venezuela	MBT: 81 AMX-30V; 92 T-72B1	ARV: 3 AMX-30D; BREM-1; 2 Dragoon 300RV; Samson	10 TPz-1 Fuchs NBC
	LT TK: 31 AMX-13; 78 Scorpion-90	VLB: Leguan	
	RECCE: 42 Dragoon 300 LfV2; 79 V-100/V-150		
	IFV: 123 BMP-3 (inc variants); 114 BTR-80A (inc variants)		
	APC (T): 25 AMX-VCI; 12 AMX-PC (CP); 8 AMX-VCTB (Amb)		
	APC (W): 36 Dragoon 300		

COUNTRY	ARMoured FIGHTING VEHICLES	ENGINEERING & MAINTENANCE VEHICLES	NBC VEHICLES
Venezuela (Marines)	LT TK: 10 VN-16	AEV: 1 AAVR7	
	IFV: 11 VN-1; 10 VN-18	ARV; 1 VN-16 ARV	
	APC (W): 37 EE-11 Urutu		
	AAV: 11 LVTP-7		
Venezuela (National Guard)	APC (W): 24 Fiat 6614; 20 UR-416		

