

A Compendium of Medium Armoured Vehicles

 <p>Length: 7.30 metres Width: 2.90 metres Height: 2.99 metres Combat weight: 22.0 tonnes Maximum speed: 100 km/h Operating radius: 800 km Fuel capacity: 325 litres Amphibious: yes (<22 tonnes) Engine: 360 kW Scania DC12</p>	 <p>Length: 6.07 metres Width: 2.56 metres Height: 2.59 metres Combat weight: 13.4 tonnes Maximum speed: 105 km/h Operating radius: 700 km Fuel capacity: n.a. Amphibious: no Engine: 171 kW Cummins 6CTA8.3</p>	 <p>Length: 6.30 metres Width: 2.95 metres Height: 2.80 metres Combat weight: 17.3 tonnes Maximum speed: 70 km/h Operating radius: 400 km Fuel capacity: 600 litres Amphibious: yes Engine: 355 kW Detroit Diesel 6V92TA</p>	 <p>Length: 6.10 metres Width: 3.13 metres Height: 2.25 metres Combat weight: 13.6 tonnes Maximum speed: 70 km/h Operating radius: 500 km Fuel capacity: n.a. Amphibious: yes Engine: 450 hp 2V-06-2</p>	 <p>Length: 6.72 metres Width: 3.30 metres Height: 2.30 metres Combat weight: 18.9 tonnes Maximum speed: 70 km/h Operating radius: 600 km Fuel capacity: n.a. Amphibious: yes Engine: 478 kW UTD-32</p>	 <p>Length: 7.93 metres Width: 2.99 metres Height: 2.37 metres Combat weight: 33.0 tonnes Maximum speed: 103 km/h Operating radius: 1050 km Fuel capacity: 300 litres Amphibious: no Engine: 530 kW</p>	 <p>Length: 7.76 metres Width: 2.55 metres Height: 3.04 metres Combat weight: 21.0 tonnes Maximum speed: 110 km/h Operating radius: 690 km Fuel capacity: n.a. Amphibious: yes Engine: 298 to 365 kW</p>	 <p>Length: 7.70 metres Width: 2.95 metres Height: 2.95 metres Combat weight: 14.5 tonnes Maximum speed: 90 km/h Operating radius: 600 km Fuel capacity: 300 litres Amphibious: yes Engine: 191 kW Kamaz 7403</p>
<p>AMV Patria, Finland</p> <p>Four customers have bought almost 1000 in 6 x 6 and 8 x 8 forms. The type is used as the basis for South African Hoefysters. Poland's mount a Hitfist turret.</p>	<p>ASV Textron, USA</p> <p>The US Army plans to buy 2559 Armored Security Vehicles and 531 Armored Knight derivatives. A stretched APC configuration has been supplied to Iraq.</p>	<p>Bionix Mk II ST Kinetics, Singapore</p> <p>The Bionix Mk I was introduced in 1997 and the Mk II in 2006. The Mk II includes a digital battle management system, improved armour, air conditioning and the ATK Mk 44 30 mm Bushmaster cannon.</p>	<p>BMD-4 Kurganmashzavod, Russia</p> <p>The Bakhcha-U was developed to provide direct fire support for Russian airborne forces with its 100-mm cannon/AT missile launcher and 30-mm coaxial cannon.</p>	<p>BMP-3 Kurganmashzavod, Russia</p> <p>Since entering Russian service in early 1990s has been exported to Cyprus, Kuwait and UAE. The new BMP-3M model carries the KBP 100-mm cannon/AT missile launcher universal turret. UAE's to undergo major upgrade.</p>	<p>Boxer Artec, Germany</p> <p>After a protracted development programme which saw the British Army withdraw, deliveries of 272 vehicles to Germany began in 2009 and shipment of 200 to the Netherlands will start in 2011.</p>	<p>BTR-4 Parus Kharkiv Morozov, Ukraine</p> <p>Personnel carrier exhibited at IDEX 2009, sporting a BM-7 Parus turret; offered with Russian Yamz-7511.10 and Cummins QSM11 (298 kW), Iveco Cursor 10 (320 kW) and Deutz TCD2015V06 (365 kW) engines. Ordered by the Ukrainian Army.</p>	<p>BTR-80A JSC Arzamaz, Russia</p> <p>Based on the 1980s BTR-80 and introduced for the export market in the mid-1990s, the 'A' has a KBP 2A72 30-mm turret.</p>
 <p>Length: 8.05 metres Width: 3.05 metres Height: 3.05 metres Combat weight: 20.9 tonnes Maximum speed: 100 km/h Operating radius: 800 km Fuel capacity: 290 litres Amphibious: yes Engine: 368 kW 2B-06-2C</p>	 <p>Length: 7.09 metres Width: 2.50 metres Height: 2.65 metres Combat weight: 15.0 tonnes Maximum speed: 120 km/h Operating radius: 800 km Fuel capacity: 340 litres Amphibious: no Engine: 300 hp Cat 3126 ATAAC</p>	 <p>Length: 7.85 metres Width: 2.95 metres Height: 2.74 metres Combat weight: 21.0 tonnes Maximum speed: 105 km/h Operating radius: 700 km Fuel capacity: 300 litres Amphibious: no Engine: 382 kW Iveco TCA</p>	 <p>Length: 6.74 metres Width: 2.94 metres Height: 2.57 metres Combat weight: 25.0 tonnes Maximum speed: 70 km/h Operating radius: 600 km Fuel capacity: 840 litres Amphibious: no Engine: 445 kW Scania DS14</p>	 <p>Length: 8.00 metres Width: 3.00 metres Height: 2.82 metres Combat weight: 24.0 tonnes Maximum speed: 105 km/h Operating radius: 800 km Fuel capacity: 300 litres Amphibious: no Engine: 382 kW Iveco MTCA</p>	 <p>Length: 6.83 metres Width: 2.98 metres Height: 2.42 metres Combat weight: 22.0 tonnes Maximum speed: 96 km/h Operating radius: 700 km Fuel capacity: 300 litres Amphibious: yes Engine: 315 kW MTU 6V 199 TE20</p>	 <p>Length: 6.60 metres Width: 2.70 metres Height: 2.10 metres Combat weight: 16 to 17.5 t Maximum speed: 100 km/h Operating radius: 800 km Fuel capacity: n.a. Amphibious: yes Engine: 313 kW</p>	 <p>Length: 6.93 metres Width: 2.60 metres Height: 1.96 metres Combat weight: 16.3 tonnes Maximum speed: 100 km/h Operating radius: 450 km Fuel capacity: 300 litres Amphibious: no Engine: 350 kW Cat 3126B</p>
<p>BTR-90 JSC Arzamaz, Russia</p> <p>A 'beefed up' and more powerful BTR-80, introduced in 1995, the BTR-90 features a BMP-2 turret with Konkurs AT missiles, but it is also available with 100 mm and 30 mm turrets.</p>	<p>Bushmaster Thales Australia</p> <p>After successful deployment of the 4 x 4 Bushmaster Infantry Mobile Vehicle, Australia has boosted its buy to 737 while the Netherlands and Britain have bought it for use in Afghanistan.</p>	<p>Centauro Iveco/Oto Melara, Italy</p> <p>The 105 mm Centauro is in service with the Italian (400) and Spanish (84) armies. Oman has ordered nine armed with a 120-mm smoothbore gun.</p>	<p>CV90 BAE Hägglunds, Sweden</p> <p>Developed for the Swedish Army with a 40-mm gun the CV90 has been sold to Finland, Norway and Switzerland with a 30-mm gun, and Denmark and the Netherlands with a 35-mm gun.</p>	<p>Freccia Iveco/Oto Melara, Italy</p> <p>Based on Centauro running gear, Italy has ordered 54 of an expected total of 249 in various configurations, all with the Siccona system to integrate the Soldato Futuro.</p>	<p>Fuchs 2 Rheinmetall, Germany</p> <p>Following the success of the original Fuchs 1 in the NBC reconnaissance role with the German, British and American (as the Fox) armies, production of the Fuchs 2 was launched in 2007 with the sale of 32 to the UAE.</p>	<p>KW1 Hyundai Rotem, South Korea</p> <p>One prototype built. The KW1 is one of three Korean contenders for the Korean Army's requirement for its future medium army brigade vehicles. Some 2000 vehicles in various configurations (including 90 mm turret) are at stake.</p>	<p>LAV III GLDS, USA & Canada</p> <p>Impressed by Canadian Army LAV IIIs New Zealand bought 105 and the US Army used it as the basis for the Stryker.</p>
 <p>Length: 6.45 metres Width: 2.67 metres Height: 2.06 metres Combat weight: 15.0 tonnes Maximum speed: 100 km/h Operating radius: 600 km Fuel capacity: 295 litres Amphibious: yes Engine: 265 or 302 kW</p>	 <p>Length: 7.68 metres Width: 2.67 metres Height: 2.06 metres Combat weight: 20.0 tonnes Maximum speed: 100 km/h Operating radius: 550 km Fuel capacity: 287 litres Amphibious: yes Engine: 298 kW 6-cyl</p>	 <p>Length: 7.70 metres Width: 2.70 metres Height: 2.44 metres Combat weight: 19.5 tonnes Maximum speed: 100 km/h Operating radius: 700 km Fuel capacity: n.a. Amphibious: yes Engine: 373 to 448 kW</p>	 <p>Length: 7.97 metres Width: 2.82 metres Height: 2.44 metres Combat weight: 27.0 tonnes Maximum speed: 100 km/h Operating radius: 700 km Fuel capacity: n.a. Amphibious: yes Engine: 373 to 448 kW</p>	 <p>Length: 7.58 metres Width: 2.66 metres Height: 1.98 metres Combat weight: 18.0 tonnes Maximum speed: 100 km/h Operating radius: 750 km Fuel capacity: 300 litres Amphibious: optional Engine: various, up to 450 hp</p>	 <p>Length: 7.24 metres Width: 2.20 metres Height: 2.80 metres Combat weight: 25.0 tonnes Maximum speed: 100 km/h Operating radius: 750 km Fuel capacity: ~400 litres Amphibious: no Engine: 400 kW MTU 544</p>	 <p>Length: 7.30 metres Width: 2.80 metres Height: 2.25 metres Combat weight: 18.0 tonnes Maximum speed: 100 km/h Operating radius: 550 km Fuel capacity: n.a. Amphibious: no Engine: 441 kW</p>	 <p>Length: 7.40 metres Width: 3.70 metres Height: 3.10 metres Combat weight: 41.0 tonnes Maximum speed: 70 km/h Operating radius: 600 km Fuel capacity: 800 litres Amphibious: no Engine: 800 kW MTU 890</p>
<p>Pandur II 6x6 Steyr-Daimler-Puch, Austria</p> <p>Compared with the Pandur I, the II has been totally overhauled mechanically and electronically, the 6 x 6 II can carry a 90-mm turret as maximum calibre.</p>	<p>Pandur 8x8 Steyr-Daimler-Puch, Austria</p> <p>Following the sale of the 330 Pandur I 6 x 6s to six customers the 8 x 8 Pandur II is being produced for the Czech Republic and Portugal. It can be armed with a 105-mm gun.</p>	<p>Pars 6x6 FNSS, Turkey</p> <p>The 6 x 6 version of the Pars is competing for the Turkish Land Forces Special Purpose Tactical Wheeled Armoured Vehicles programme, which looks at the acquisition of 336 6 x 6 reconnaissance vehicles in five versions.</p>	<p>Pars 8x8 FNSS, Turkey</p> <p>So far FNSS has built two pre-production Pars, with one in 8 x 8 version having already been demonstrated in at least two countries.</p>	<p>Piranha III 8x8 Mowag, Switzerland</p> <p>The Piranha III has been widely sold in Europe in the 8 x 8 configuration. Although no 6 x 6 models have been sold, Sweden has acquired the 10 x 10 variant for specialist roles.</p>	<p>Piranha IV Mowag, Switzerland</p> <p>Unveiled at DSEI 2001, the fourth and most ambitious iteration by its size and capabilities unfortunately treads on nationalistic attitudes on the export market.</p>	<p>Piranha V Mowag, Switzerland</p> <p>Following the withdrawal of the Piranha IV-based Piranha Evolution as the preferred candidate for the British Fres programme, there is no clue as to when – or even if – a successor to the Mowag Piranha IV will eventually be devised.</p>	<p>Puma PSM, Germany</p> <p>The German Army ordered 405 in July 2009 with first deliveries in 2010. Production for Germany is expected to run until 2020.</p>
 <p>Length: 6.10 metres Width: 2.80 metres Height: 2.20 metres Combat weight: 23.0 tonnes Maximum speed: 100 km/h Operating radius: 600 km Fuel capacity: n.a. Amphibious: no Engine: two 225 kW</p>	 <p>Length: 6.10 metres Width: 2.80 metres Height: 2.20 metres Combat weight: 27.0 tonnes Maximum speed: 100 km/h Operating radius: 600 km Fuel capacity: n.a. Amphibious: no Engine: two 225 kW</p>	 <p>Length: 6.10 metres Width: 2.80 metres Height: 1.90 metres Combat weight: 25.0 tonnes Maximum speed: 85 km/h Operating radius: n.a. Fuel capacity: n.a. Amphibious: n.a. Engine: two 225 kW</p>	 <p>Length: 6.98 metres Width: 2.72 metres Height: 2.22 metres Combat weight: 25.0 tonnes Maximum speed: 105 km/h Operating radius: 800 km Fuel capacity: n/a Amphibious: yes Engine: 368 or 412 kW</p>	 <p>Length: 7.92 metres Width: 2.78 metres Height: 2.22 metres Combat weight: 25.0 tonnes Maximum speed: 105 km/h Operating radius: 800 km Fuel capacity: n/a Amphibious: yes Engine: 368 or 412 kW</p>	 <p>Length: 6.80 metres Width: 2.70 metres Height: 2.10 metres Combat weight: 25.0 tonnes Maximum speed: 120 km/h Operating radius: 800 km Fuel capacity: 400 litres Amphibious: yes Engine: 298 kW Caterpillar C9</p>	 <p>Length: 6.99 metres Width: 3.15 metres Height: 1.76 metres Combat weight: 29.0 tonnes Maximum speed: 70 km/h Operating radius: 500 km Fuel capacity: 860 litres Amphibious: no Engine: 441 kW MTU 8V 183 TE22 8 V-90</p>	 <p>Length: 7.80 metres Width: 2.98 metres Height: 2.25 metres Combat weight: 25.0 tonnes Maximum speed: 100 km/h Operating radius: 750 km Fuel capacity: 450 litres Amphibious: no Engine: 405 kW Renault</p>
<p>Sep 6x6 BAE Hägglunds, Sweden</p> <p>The Sep in all its three versions is still at prototype stage and is eyeing a number of acquisitions programmes.</p>	<p>Sep 8x8 BAE Hägglunds, Sweden</p> <p>The Sep in all its three versions is still at prototype stage and is eyeing a number of acquisitions programmes.</p>	<p>Sep tracked BAE Hägglunds, Sweden</p> <p>The Sep in all its three versions is still at prototype stage and is eyeing a number of acquisitions programmes.</p>	<p>Stryker GDLs, USA & Canada</p> <p>The US Army is fielding the 8 x 8 Stryker, based on the LAV III, to seven brigade combat teams. Additional Strykers are expected to be fielded in other roles.</p>	<p>Super AV Iveco, Italy</p> <p>Unveiled in Spring 2009, the Super AV is based on the Freccia driving gear but uses commercial Astra truck engines. It is eyeing the US Marine Corps' Marine Personnel Carrier programme as well other opportunities, particularly in Central Europe.</p>	<p>Terrex ST Kinetics, Singapore</p> <p>Entered production for the Singaporean Army in October 2009; equipped with a battlefield management system that allows it to connect with other land and air platforms.</p>	<p>Ulan/Pizarro Ascod, Austria & Spain</p> <p>Spain has ordered 356 (as Pizarro) and Austria 112 (as Ulan). The latter is up-armoured with a beefed up engine and is offered on the market as the Ascod 2.</p>	<p>VBCI Nexter, France</p> <p>The French Army began replacing its tracked AMX10P with the 8 x 8 VBCI IFV (550 planned) and command (150) vehicles in 2008. The army is planning further specialist variants.</p>