# **M3**

### M3

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## BMW M3

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The BMW M3 is a high-performance version of the BMW 3 Series, developed by BMW's in-house motorsport division, BMW M GmbH. M3 models have been produced for every generation of 3 Series since the E30 M3 was introduced in 1986.

The initial model was available in a coupé body style, with a convertible body style made available soon after. M3 saloons were offered initially during the E36 (1994–1999) and E90 (2008–2012) generations. Since 2014, the coupé and convertible models have been rebranded as the 4 Series range, making the high-performance variant the M4. Variants of the 3 Series since then have seen the M3 produced as a saloon, until 2020, when the M3 was produced as an estate (Touring) for the first time, alongside the saloon variant.

#### Cubic metre

the unit of volume in the International System of Units (SI). Its symbol is m3. It is the volume of a cube with edges one metre in length. An alternative

The cubic metre (in Commonwealth English and international spelling as used by the International Bureau of Weights and Measures) or cubic meter (in American English) is the unit of volume in the International System of Units (SI). Its symbol is m3. It is the volume of a cube with edges one metre in length. An alternative name, which allowed a different usage with metric prefixes, was the stère, still sometimes used for dry measure (for instance, in reference to wood). Another alternative name, no longer widely used, was the kilolitre.

## Apple M3

Apple M3 is a series of ARM-based system on a chip (SoC) designed by Apple Inc., part of the Apple silicon series, as a central processing unit (CPU) and

Apple M3 is a series of ARM-based system on a chip (SoC) designed by Apple Inc., part of the Apple silicon series, as a central processing unit (CPU) and graphics processing unit (GPU) for its Mac desktops and notebooks and the iPad Air tablets. Released in late 2023, it is the third generation of ARM architecture intended for Apple's Mac computers after switching from Intel Core to Apple silicon, succeeding the Apple M2.

## M3 Lee

The M3 Lee, officially Medium Tank, M3, was an American medium tank used during World War II. The turret was produced in two different forms, one for US

The M3 Lee, officially Medium Tank, M3, was an American medium tank used during World War II. The turret was produced in two different forms, one for US needs and one modified to British requirements to place the radio next to the commander. In British Commonwealth service, the tank was called by two names: tanks employing US-pattern turrets were called "Lee", named after Confederate general Robert E. Lee, while those with British-pattern turrets were known as "Grant", named after Union general Ulysses S. Grant.

Design commenced in July 1940, and the first M3s were operational in late 1941. The US Army needed a medium tank armed with a 75 mm gun and coupled with the United Kingdom's immediate demand for 3,650 medium tanks, the Lee began production by late 1940. The design was a compromise meant to produce a tank as soon as possible and serve only until replaced by the following M4 Sherman tank. The M3 was reliable, had considerable firepower, good armor, and high mobility but had serious drawbacks in its general design and shape, including a high silhouette, an archaic sponson mounting of the main gun preventing the tank from taking a hull-down position, and riveted construction.

It was considered by Hans von Luck (a German army officer who wrote the post-war memoir Panzer Commander), to be superior in May 1942 to the Panzer IV and able to operate out of range of German 5 cm anti-tank guns. However, by mid-1943, with the introduction of upgunned Panzer IIIs and Panzer IVs, the tank had been withdrawn from combat in most theaters and replaced by the more capable M4 Sherman tank as soon as it became available in larger numbers.

Despite its being replaced elsewhere, the British continued to use M3s in combat against the Japanese in southeast Asia until 1945. Nearly a thousand M3s were supplied to the Soviet military under Lend-Lease between 1941 and 1943.

#### M3 Stuart

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The M3 Stuart/light tank M3, was a US light tank of World War II, first entered service in the British Army in early 1941 and saw action in the North African campaign in July 1941. Later, an improved version of the tank entered service as the M5 in 1942 to be supplied to British and other allied Commonwealth forces under lend-lease prior to the entry of the United States into the war.

The British service name "Stuart" came from the U.S. Civil War Confederate general J. E. B. Stuart and was used for both the M3 and the derivative M5 light tank. Unofficially, they were also often called "Honeys" by the British, because of their smooth ride. In U.S. use, the tanks were officially known as "light tank M3" and "light tank M5".

Stuarts were first used in combat in the North African campaign; about 170 were used by the British forces in Operation Crusader (18 November – 30 December 1941). Stuarts were the first American-crewed tanks in World War II to engage the enemy in tank versus tank combat when used in the Philippines in December 1941 against the Japanese. Outside of the Pacific War, in later years of WWII, the M3 was used for reconnaissance and screening.

# M3 motorway

M3 motorway may refer to: M3 motorway or Riverside Expressway, part of the Pacific Motorway in Brisbane, Queensland, Australia M3 motorway (Great Britain)

M3 motorway may refer to:

M3 motorway or Riverside Expressway, part of the Pacific Motorway in Brisbane, Queensland, Australia

M3 motorway (Great Britain), a motorway in England

M3 motorway (Hungary), a motorway in Hungary

M3 motorway in the Republic of Ireland, part of the N3 national primary road

M3 motorway (Northern Ireland), an urban motorway in Belfast, Northern Ireland

M3 motorway (Pakistan)

M3 submachine gun

M3 is an American .45-caliber submachine gun adopted by the U.S. Army on 12 December 1942, as the United States Submachine Gun, Cal. .45, M3. The M3 was

The M3 is an American .45-caliber submachine gun adopted by the U.S. Army on 12 December 1942, as the United States Submachine Gun, Cal. .45, M3. The M3 was chambered for the same .45 ACP round fired by the Thompson submachine gun, but was cheaper to mass produce and lighter, at the expense of accuracy. The M3 was commonly referred to as the "Grease Gun" or simply "the Greaser", owing to its visual similarity to the mechanic's tool.

The M3 was intended as a replacement for the Thompson, and began to enter frontline service in mid-1944. By late 1944, the M3A1 variant was introduced, which also saw use in the Korean War and later conflicts.

The M14 rifle, adopted in 1959, was intended to replace the M3A1 (as well as the M1 Garand, M1918 Browning Automatic Rifle and the M1 carbine) but the recoil of the M14's 7.62×51mm NATO cartridge proved too powerful for the submachine gun role. The M14 was in turn replaced by the M16 rifle in 1964, and this weapon and its subsequent shorter iterations (XM-177, firing the intermediate 5.56×45mm NATO cartridge) was a better replacement for the M3A1. M3A1 submachine guns were retired from U.S. frontline service after 1959, but continued to be issued, for example as backup weapons for armored vehicle crews as late as the Gulf War (1990–1991). Many overseas US military bases continued to issue these for certain crews into the mid to late 1990s.

# M3 Bradley

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The M3 Bradley cavalry fighting vehicle (CFV) is an American tracked armored reconnaissance vehicle manufactured by BAE Systems Platforms & Services (formerly United Defense). A member of the Bradley Fighting Vehicle family, the M3 CFV is used by heavy armored cavalry units in the United States Army.

## M3 half-track

The M3 half-track is an American armored personnel carrier half-track widely used by the Allies during World War II and in the Cold War. Derived from the

The M3 half-track is an American armored personnel carrier half-track widely used by the Allies during World War II and in the Cold War. Derived from the M2 half-track car, the M3 was extensively produced, with about 15,000 standard M3s and more than 38,000 variant units manufactured.

The M3 was extensively modified with several dozen variant designs produced for different purposes. During World War II, the M3 and its variants were supplied to the U.S. Army and Marines, as well as British Commonwealth and Soviet Red Army forces, serving on all major fronts throughout the war. The M3 and its variants were produced by many manufacturers including Diamond T, White Motor Company, and Autocar.

They were adapted for a wide variety of uses, such as a self-propelled anti-aircraft weapon or self-propelled artillery. Although initially unpopular due to its lack of significant armor or a roof to protect the passengers and crew from shrapnel, it was used by most of the Allies during the war.

In the Cold War era, the vehicle was used by a variety of state and non-state operators in conflicts in South America, the Middle East, Africa, and Asia, remaining in service until as late as the mid-1990s.

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