


The Book of Tanks
French Section: 6/18/2000

Schneider	France	1916
Gun: short 75mm	Weight: 14 tons	
MG: 2 x 8mm		
Speed: 5 mph	Crew: 6	
UpHullFr: 12/60°		
LowHullFr: 12/50°		
HullSide: 12/0°		
LowHull: 12/0°		
HullRoof: 10/80°		
HullRear: 12/0°		

Notes: First French tank design to see combat. Developed from an American Holt agricultural tractor. Short low-velocity 75mm gun in a limited-traverse mount on the right side. About 400 built. The bar sticking up from the nose was for cutting barbed wire. Not a particularly successful design.




Char D'Assault Schneider CA.1

Renault FT17	France	1918
Gun: 37mm L21	Weight: 6 tons	
MG: 1 x 8mm (see notes)		
Speed: 5 mph	Crew: 2	
UpHullFr: 16/70°	TurFr: 16/13°	
LowHullFr: 16/29°	GunMant: 16/0°	
HullSide: 16/0°	TurSide: 16/15°	
LowHull: 16/0°	TurRear: 16/15°	
HullRoof: 6/67°	TurRoof: 8/65°	
HullRear: 16/0°		


Notes: First tank with fully-revolving turret to see combat. Whereas the Schneider and St. Chamond tanks were not successful designs, the Renault FT was the first "modern" tank to appear in combat and was a strong influence in tank design around the world for years to follow. It remained in French service until 1940, when several hundred were captured by the Germans and used as security vehicles until the end of the war. Italy, the United States, and the Soviet Union built near-copies of the FT. The French built over 3000 FT's during and just after WWI, 1600 of those still being in service when the Germans invaded. Nearly all French FT's were armed with *either* the short-barrelled 37mm cannon or the machinegun, *not both!* During the 1930's an upgrade program replaced the 8mm with a newer 7.5mm machinegun, becoming the **FT31**. Some non-French variations of the FT17 had both cannon and machinegun. **FT18**: Minor manufacturing improvements. **Char-canon Renault BS**: FT with slightly larger turret, short 75mm gun in place of the 37mm. No machinegun. Only a handful built, none finished by the end of WWI. Several of these were encountered by US forces in Operation Torch in 1942.

St. Chamond	France	1916
Gun: long 75mm	Weight: 23 tons	
MG: 4 x 8mm		
Speed: 5 mph	Crew: 8	
UpHullFr: 17/35°		
LowHullFr: 17/60°		
HullSide: 12/0°		
LowHull: 12/0°		
HullRoof: 10/80°		
HullRear: 12/30°		

Notes: Second French tank to see combat, also based on a Holt tractor chassis. Like the Schneider, it tended to get its nose stuck while crossing trenches. About 400 built.



Char D'Assault St. Chamond



Canon de 194 Mle GPF sur Chenilles.
194mm artillery piece mounted on an open, unarmoured St. Chamond chassis. A few of these were still in service in the French army in 1940.

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Char 2C	France	1919
Gun: 75mm	Weight: 68 tons	
MG: 4 x 8mm		
Speed: 8 mph	Crew: 12	
UpHullFr: 45/45°	TurFr: 35/15°	
LowHullFr: 45/15°	GunMant: 35/25°	
HullSide: 30/0°	TurSide: 30/10°	
LowHull: 20/0°	TurRear: 30/10°	
HullRoof: 12/90°	TurRoof: 12/85°	
HullRear: 20/30°		
Notes: First tank design with multiple turrets. France's only heavy tank of WWI. Ten built just before the end of WWI, six of which were still in use by the French army in 1940 when they were destroyed by Stukas.		
Char 2C-bis: One of the ten Char 2C's modified with a short 155mm gun in place of 75mm, and slightly thicker armour.		

AMR 33	France	1933
Gun: None	Weight: 5 tons	
MG: 1 x 7.5mm		
Speed: 40 mph	Crew: 2	
UpHullFr: 13/20°	TurFr: 13/5°	
LowHullFr: 13/25°	GunMant: 13/0°	
HullSide: 8/0°	TurSide: 13/15°	
LowHull: 8/0°	TurRear: 13/15°	
HullRoof: 5/90°	TurRoof: 5/80°	
HullRear: 8/35°		
Notes: Light fast cavalry tank, about 125 built.		
AMR 35: Slightly improved version, about 200 built. Armed with a 7.5mm machinegun, or a 13.2mm machinegun, or both a 25mm cannon and coaxial 7.5mm machinegun. Some of the 25mm-armed versions had a fixed superstructure instead of the revolving turret, looking something like a small Semovente.		

Char NCI (NC27)	France	1927
Gun: 37mm L21	Weight: 8 tons	
MG: 1 x 8mm (see notes)		
Speed: 11 mph	Crew: 2	
UpHullFr: 30/35°	TurFr: 30/35°	
LowHullFr: 30/35°	GunMant: 30/10°	
HullSide: 16/0°	TurSide: 30/10°	
LowHull: 16/0°	TurRear: 30/10°	
HullRoof: 10/90°	TurRoof: 10/75°	
HullRear: 16/30°		
Notes: Based on the FT18, with thicker armour. Armed with either short 37mm gun or 8mm machinegun, not both. Not used by the French but sold to Japan, Yugoslavia, and Greece.		
Char NC2 (NC31): More powerful engine, slightly thicker armour, armed with only 2 mg.		

AMC 34	France	1934
Gun: short 37mm	Weight: 11 tons	
MG: 1 x 7.5mm		
Speed: 25 mph	Crew: 3	
UpHullFr: 20/25°	TurFr: 16/20°	
LowHullFr: 20/40°	GunMant: 20/10°	
HullSide: 12/0°	TurSide: 16/15°	
LowHull: 8/0°	TurRear: 16/15°	
HullRoof: 5/87°	TurRoof: 5/85°	
HullRear: 12/0°		
Notes: Similar to the AMR35 but heavier. Only a few produced.		

Char D1	France	1931
Gun: 47mm	Weight: 14 tons	
MG: 2 x 7.5mm		
Speed: 11 mph	Crew: 3	
UpHullFr: 35/45°	TurFr: 35/15°	
LowHullFr: 35/40°	GunMant: 30/20°	
HullSide: 16/0°	TurSide: 25/15°	
LowHull: 10/0°	TurRear: 25/15°	
HullRoof: 10/85°	TurRoof: 10/90°	
HullRear: 10/15°		
Notes: Medium tank developed from the Renault NCI light tank. About 160 built. Prone to frequent breakdowns.		
Char D2: Improved model of the D1, with slightly thicker armour and better engine and transmission. About 100 built. Max speed 14 mph.		

AMC 35	France	1935
Gun: short 47mm	Weight: 15 tons	
MG: 1 x 7.5mm		
Speed: 25 mph	Crew: 3	
UpHullFr: 25/45°	TurFr: 25/20°	
LowHullFr: 25/45°	GunMant: 25/10°	
HullSide: 12/0°	TurSide: 20/15°	
LowHull: 8/0°	TurRear: 15/15°	
HullRoof: 5/87°	TurRoof: 5/85°	
HullRear: 5/10°		
Notes: Also known as the ACG1 . Improved version of the AMC34 with new suspension and redesigned turret. Some were armed with a long 25mm gun in place of the 47mm, known as the ACG2 . About 100 built. Highly prone to breakdowns.		

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FCM 36	France	1936
Gun: 37mm L21	Weight: 12 tons	
MG: 1 x 7.5mm		
Speed: 15 mph	Crew: 2	
UpHullFr: 40/50°	TurFr: 40/20°	
LowHullFr: 40/45°	GunMant: 40/30°	
HullSide: 30/20°	TurSide: 30/20°	
LowHull: 20/0°	TurRear: 25/20°	
HullRoof: 13/85°	TurRoof: 13/85°	
HullRear: 13/15°		

Notes: Light tank intended for infantry support. Only about 100 built.

Hotchkiss H35	France	1936
Gun: 37mm L21	Weight: 11 tons	
MG: 1 x 7.5		
Speed: 23 mph	Crew: 2	
UpHullFr: 34/30°	TurFr: 45/25°	
LowHullFr: 29/34°	GunMant: 25/30°	
HullSide: 34/20°	TurSide: 40/30°	
LowHull: 34/0°	TurRear: 40/30°	
HullRoof: 22/88°	TurRoof: 12/85°	
HullRear: 22/30°		

Notes: The standard light tank used by the French cavalry in 1940. About 800 built. Some had the same turret as the R35.
H38: More powerful engine, slightly faster.
H39: Longer 37mm L33 gun, slightly thicker armour.

Renault R35	France	1936
Gun: 37mm L21	Weight: 10 tons	
MG: 1 x 7.5mm		
Speed: 12 mph	Crew: 2	
UpHullFr: 40/15°	TurFr: 45/25°	
LowHullFr: 40/30°	GunMant: 45/30°	
HullSide: 40/10°	TurSide: 40/30°	
LowHull: 40/0°	TurRear: 40/30°	
HullRoof: 14/75°	TurRoof: 12/90°	
HullRear: 40/11°		

Notes: Light tank intended to support advancing infantry. Over 2000 built. Very smooth lines, and thick armour for a light tank.

R40: Armed with longer 37mm L33 gun.

Somua S35	France	1936
Gun: 47mm L34	Weight: 19 tons	
MG: 1 x 7.5mm		
Speed: 29 mph	Crew: 3	
UpHullFr: 36/22°	TurFr: 56/0°	
LowHullFr: 36/30°	GunMant: 56/30°	
HullSide: 35/22°	TurSide: 46/22°	
LowHull: 35/0°	TurRear: 46/22°	
HullRoof: 20/82°	TurRoof: 30/72°	
HullRear: 35/30°		

Notes: Considered by many at the time to be the best tank design in the world. About 500 built. The US Army considered producing these in 1940.
S40: More powerful engine.



Char Leger Renault R35

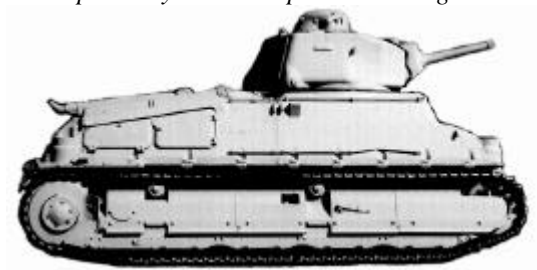


Char S35 Somua





The Somua S35 at Aberdeen, leaning to one side probably due to suspension damage.



Renault UE	France	1931
Gun: None	Weight: 2 tons	
MG: None		
Speed: 18 mph	Crew: 2	
UpHullFr: 7/50°		
LowHullFr: 7/35°		
HullSide: 7/0°		
LowHull: 7/0°		
HullRoof: 7/85°		
HullRear: 7/0°		

Notes: Small light tracked supply carrier, very similar to Carden-Loyd tankette. Most were not armed, but a few carried a machinegun. Often used for towing light artillery.

Chenillette Lorraine	France	1937
Gun: None	Weight: 6 tons	
MG: None		
Speed: 22 mph	Crew: 2	
UpHullFr: 6/45°		
LowHullFr: 6/10°		
HullSide: 6/0°		
LowHull: 6/0°		
HullRoof: 6/90°		
HullRear: 6/0°		

Notes: Fully tracked supply carrier, fitted to transport ammunition and fuel for armoured units. Often towed an armoured trailer. Carried no armament, other than the crew's personal weapons. Large numbers captured by the Germans in 1940 and converted to self-propelled guns, including the **Marder I** tank hunter.

Char B1	France	1934
Gun: 1 x 47mm L34 and 1 x 75mm L17	Weight: 31 tons	
MG: 2 x 7.5mm	Crew: 4	
Speed: 17 mph		
UpHullFr: 60/20°	TurFr: 56/0°	
LowHullFr: 60/45°	GunMant: 56/30°	
HullSide: 60/0°	TurSide: 46/22°	
LowHull: 60/0°	TurRear: 46/22°	
HullRoof: 22/80°	TurRoof: 30/72°	
HullRear: 55/15°	(Data for Char B1bis)	

Notes: Heavy tank with the same turret as the Somua S35. Long 47mm gun in the turret, short 75mm gun in a mount in the hull front next to the driver. The hull gun could elevate and depress, but could not traverse from side to side, so the entire vehicle had to be turned in order to aim the hull gun. The armour was thick for its day, but the Char B1 was not a particularly successful design. Only 35 of the original model were produced, with hull armour only 40mm thick.

Char B1 bis: Main production model, about 350 built. Hull armour increased to 60mm.

Char B1 ter: Two engines, armour increased to 75mm, only 5 built.

Panhard AMD 178	France	1935
Gun: 25mm L72	Weight: 9 tons	
MG: 1 x 7.5mm		
Speed: 45 mph	Crew: 4	
UpHullFr: 20/21°	TurFr: 26/24°	
LowHullFr: 20/0°	GunMant: 26/30°	
HullSide: 15/0°	TurSide: 15/26°	
LowHull: 15/0°	TurRear: 15/30°	
HullRoof: 7/90°	TurRoof: 7/82°	
HullRear: 15/3°		

Notes: Four-wheeled armoured car. Widely considered one of the best armoured car designs at the start of WWII.

AMD 178 B: Production resumed in 1944 when Paris was liberated. New version featured a new turret with 47mm gun. Used by the French army until 1960.

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ARL 44	France	1947
Gun: 90mm	Weight: 53 tons	
MG: 2 x 7.5mm		
Speed: 23 mph	Crew: 5	
UpHullFr: 75/45°	TurFr: 75/20°	
LowHullFr: 65/50°	GunMant: 80/15°	
HullSide: 45/0°	TurSide: 45/10°	
LowHull: 45/0°	TurRear: 35/15°	
HullRoof: 22/85°	TurRoof: 22/85°	
HullRear: 35/15°		
Notes: Heavy tank designed secretly by the French during the German occupation. Design work began in 1938 as an upgrade to the Char B. About 60 built.		

AMX 13	France	1953
Gun: 75mm L57	Weight: 17 tons	
MG: 1 x 7.5mm		
Speed: 37 mph	Crew: 3	
UpHullFr: 15/55°	TurFr: 25/45°	
LowHullFr: 25/30°	GunMant: 25/25°	
HullSide: 20/0°	TurSide: 25/0°	
LowHull: 20/0°	TurRear: 20/0°	
HullRoof: 10/85°	TurRoof: 10/85°	
HullRear: 15/15°		
Notes: Very innovative light tank design. Engine and transmission in the front, oscillating turret in the rear. The main gun is fixed to the top half of the turret, the entire top half of the turret pivots up and down on trunnions in the lower turret half. Fixed main gun allows an automatic loader to be used, reducing number of crew members needed to 3. Over 4500 built. Later versions armed with 90mm L51 or 105mm L44 gun, some armed with SS-11 or HOT anti-tank guided missiles.		


AMX50	France	1950
Gun: 90mm	Weight: 56 tons	
MG: 2 or 3 x 7.5mm		
Speed: 22 mph	Crew: 5	
UpHullFr: 65/50°	TurFr: 75/45°	
LowHullFr: 65/45°	GunMant: 75/45°	
HullSide: 42/15°	TurSide: 40/20°	
LowHull: 42/0°	TurRear: 36/0°	
HullRoof: 20/85°	TurRoof: 20/90°	
HullRear: 25/15°		
Notes: Intended to be France's primary post-war tank, but only a few prototypes were built. Heavily influenced by the Panther. Used extensively for testing. Armament was increased to 100mm and 120mm gun. Gimbal turret concept later used on AMX13 was developed on the AMX50.		

AMX VCI	France	1956
Gun: None	Weight: 15 tons	
MG: 1 x 7.5mm or 12.7mm		
Speed: 40 mph	Crew: 1	
UpHullFr: 30/45°	TurFr: 10/45°	
LowHullFr: 30/15°	GunMant: 10/45°	
HullSide: 20/30°	TurSide: 10/45°	
LowHull: 20/0°	TurRear: 10/45°	
HullRoof: 10/80°	TurRoof: 16/87°	
HullRear: 10/0°		
Notes: Armoured personnel carrier based on a modified AMX13 hull. Carries up to 12 troops. About 3400 built. Variants include ATGM carriers, ambulances, mortar carriers, ammunition carriers, engineer vehicles, and command vehicles.		


EBR 75	France	1951
Gun: 75mm L57	Weight: 15 tons	
MG: 3 x 7.5mm		
Speed: 65 mph	Crew: 4	
UpHullFr: 15/50°	TurFr: 15/45°	
LowHullFr: 15/45°	GunMant: 15/30°	
HullSide: 8/10°	TurSide: 15/20°	
LowHull: 8/0°	TurRear: 15/0°	
HullRoof: 8/85°	TurRoof: 8/85°	
HullRear: 15/45°		
Notes: Eight-wheeled armoured car. About 1200 built. Oscillating turret similar to the AMX13. Two drivers, facing front and rear. Center two pairs of wheels were usually raised when running on roads, lowered to ground contact for rough terrain.		
EBR 90: Armed with a 90mm L33 gun in place of the 75mm.		

AML 90	France	1961
Gun: 90mm L33	Weight: 6 tons	
MG: 1 x 7.62mm		
Speed: 62 mph	Crew: 3	
UpHullFr: 12/50°	TurFr: 12/25°	
LowHullFr: 12/45°	GunMant: 12/15°	
HullSide: 8/0°	TurSide: 12/15°	
LowHull: 8/0°	TurRear: 12/10°	
HullRoof: 8/85°	TurRoof: 8/85°	
HullRear: 8/0°		
Notes: Four-wheeled armoured car. Similar to the British Ferret. Over 6000 built.		

<p>Hotchkiss Spz 11-2 France 1958 Gun: 20mm MG: None Speed: 36 mph UpHullFr: 15/65° LowHullFr: 15/40° HullSide: 10/30° LowHull: 10/0° HullRoof: 8/90° HullRear: 10/25°</p> <p>Notes: Light tracked reconnaissance vehicle, designed and built by the French and used only by the Germans. Spz 22-2: Command vehicle, same as the Spz 11-2 but without the turret and 20mm gun. Armed only with one 7.62mm mg.</p>	<p>France 1958 Weight: 9 tons Crew: 5 TurFr: 15/65° GunMant: 15/45° TurSide: 10/15° TurRear: 10/15° TurRoof: 8/80°</p>
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Hotchkiss Spz 11-2 (20mm barrel missing)



Hotchkiss Spz 22-2

<p>AMX30 Gun: 105mm L56 MG: 1 x 7.62mm, 1 x 20mm or 12.7mm Speed: 40 mph UpHullFr: 50/60° LowHullFr: 50/45° HullSide: 40/25° LowHull: 38/0° HullRoof: 15/90° HullRear: 30/15°</p> <p>(Armour values are guesses)</p> <p>Notes: Main battle tank of the French army for many years. Originally a joint project by Germany, France, and Italy to design a common main battle tank, but Germany built the Leopard instead and Italy used the Leopard and several US types. Good gun and mobility, but thin armour for a modern MBT. Saw combat with French and Saudi Arabian forces in 1991. The coaxial 20mm L130 cannon is designed to be capable of engaging low-flying helicopters and attack aircraft. Over 2000 built, exported to a dozen other countries. AMX32: 1978 update with laser rangefinder, improved suspension, engine, and night vision gear. Some fitted with reactive armour. AMX30B2: New fire-control system, laser rangefinder. Main version since 1980.</p>	<p>France 1967 Weight: 40 tons Crew: 4 TurFr: 50/55° GunMant: 50/45° TurSide: 40/45° TurRear: 35/45° TurRoof: 25/80°</p>
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<p>VP-90 Gun: see notes MG: see notes Speed: 56 mph Notes: Small unarmoured tracked multipurpose vehicle. Could be armed with Milan anti-tank missile, 60mm mortar, or 12.7mm machinegun. Intended for export, probably never put in production.</p>	<p>France 1960 Weight: 3 tons Crew: 1 to 4</p>
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<p>AMX 105 Gun: 105mm MG: 1 x 7.5mm Speed: 37 mph UpHullFr: 30/50° LowHullFr: 30/30° HullSide: 20/0° LowHull: 20/0° HullRoof: 10/85° HullRear: 15/15°</p> <p>Notes: Self-propelled gun based on AMX13 chassis. Three versions: one with turret, one with fixed superstructure, one open mount.</p>	<p>France 1952 Weight: 18 tons Crew: 5</p>
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<p>AMX DCA Gun: 2 x 30mm MG: None Speed: 30 mph UpHullFr: 50/60° LowHullFr: 50/45° HullSide: 40/25° LowHull: 38/0° HullRoof: 25/85° HullRear: 30/15°</p> <p>Notes: Anti-aircraft weapon system, twin 30mm guns in a large domed turret on AMX30 chassis. 53 built for Saudi Arabia.</p>	<p>France 1970 Weight: 35 tons Crew: 3 TurFr: 30/15° GunMant: 30/30° TurSide: 25/15° TurRear: 25/15° TurRoof: 25/80°</p>
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Panhard M3	France	1971
Gun: None	Weight: 7 tons	
MG: 1 x 7.62mm		
Speed: 62 mph	Crew: 2	
UpHullFr: 12/60°	TurFr: 12/45°	
LowHullFr: 12/45°	GunMant: 12/30°	
HullSide: 8/45°	TurSide: 12/15°	
LowHull: 12/0°	TurRear: 12/45°	
HullRoof: 8/90°	TurRoof: 6/80°	
HullRear: 12/10°		
(Armour values are guesses)		
Notes: Four-wheeled armoured personnel carrier. Can be armed with various machinegun or light cannon combinations, or HOT anti-tank missiles. Carries 10 troops. About 1200 built, most for export.		

AMX 10P MICV	France	1973
Gun: 20mm	Weight: 15 tons	
MG: 1 x 7.62mm		
Speed: 40 mph	Crew: 2	
UpHullFr: 45/30°	TurFr: 14/45°	
LowHullFr: 35/30°	GunMant: 14/45°	
HullSide: 30/0°	TurSide: 14/45°	
LowHull: 28/0°	TurRear: 14/30°	
HullRoof: 14/85°	TurRoof: 14/85°	
HullRear: 15/0°		
(Armour values are guesses)		
Notes: Tracked amphibious Mechanized Infantry Combat Vehicle, replaced the AMX VCI. Small turret mounts the 20mm cannon and coaxial machinegun. Carries up to 9 soldiers. Over 1800 built.		

Giat VAB	France	1972
Gun: None	Weight: 19 tons	
MG: 1 x 7.62mm or 12.7mm		
Speed: 57 mph	Crew: 2	
UpHullFr: 12/45°		
LowHullFr: 12/45°		
HullSide: 12/20°		
LowHull: 12/0°		
HullRoof: 8/90°		
HullRear: 12/10°		
(Armour values are guesses)		
Notes: Two versions of amphibious wheeled armoured personnel carrier, four-wheeled and six-wheeled. Carries 10 troops. Over 5000 built, most for export.		

AMX GCT	France	1977
Gun: 155mm L40	Weight: 44 tons	
MG: 1 x 7.62mm		
Speed: 37 mph	Crew: 4	
UpHullFr: 50/60°	TurFr: 30/15°	
LowHullFr: 50/45°	GunMant: 30/30°	
HullSide: 40/25°	TurSide: 20/15°	
LowHull: 38/0°	TurRear: 15/10°	
HullRoof: 25/85°	TurRoof: 15/85°	
HullRear: 30/15°		
(Armour values are guesses)		
Notes: Self-propelled gun, 155mm mounted in fully-revolving turret. Over 400 built, 85 sold to Iraq prior to the Gulf War.		

Berliet VXB170	France	1973
Gun: See notes	Weight: 14 tons	
MG: See notes		
Speed: 53 mph	Crew: 1 or 2	
UpHullFr: 7/45°		
LowHullFr: 7/45°		
HullSide: 7/25°		
LowHull: 7/0°		
HullRoof: 7/90°		
HullRear: 7/20°		
(Armour values are guesses)		
Notes: Four-wheeled amphibious multi-role vehicle. Personnel carrier version can carry up to 10 troops. Armament varies by role, and can include 7.62mm and 12.7mm machineguns, 20mm cannon, or 60mm mortar. Somewhere around 200 built. Used by the French Gendarmerie.		

Panhard ERC Sagaie 1	France	1977
Gun: 90mm L52	Weight: 9 tons	
MG: 2 x 7.62mm		
Speed: 59 mph	Crew: 3	
UpHullFr: 12/65°	TurFr: 12/45°	
LowHullFr: 12/50°	GunMant: 12/45°	
HullSide: 12/0°	TurSide: 12/0°	
LowHull: 12/0°	TurRear: 12/10°	
HullRoof: 8/90°	TurRoof: 8/85°	
HullRear: 12/0°		
(Armour values are guesses)		
Notes: Six-wheeled amphibious armoured car. About 570 produced, most for export. Used extensively by the French Rapid Deployment Force.		

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Panhard VCR	France	1977
Gun: None	Weight: 8 tons	
MG: 1 x 7.62mm or 12.7mm		
Speed: 56 mph	Crew: 3	
UpHullFr: 12/60°		
LowHullFr: 12/45°	(Armour values are	
HullSide: 12/0°	guesses)	
LowHull: 12/0°		
HullRoof: 8/90°		
HullRear: 12/0°		

Notes: Two versions of armoured personnel carrier, four-wheeled and six-wheeled. Some versions carry 20mm cannon. Used by Iraq during the Gulf War. About 260 produced, all for export.

Panhard VBL	France	1983
Gun: None	Weight: 4 tons	
MG: 1 x 7.62mm		
Speed: 58 mph	Crew: 2 or 3	
UpHullFr: 12/65°		
LowHullFr: 12/5°	(Armour values are	
HullSide: 12/15°	guesses)	
LowHull: 12/5°		
HullRoof: 5/90°		
HullRear: 12/20°		

Notes: Four-wheeled light scout car. The recce version carries a Milan ATGM.


AMX10RC	France	1980
Gun: 105mm L48	Weight: 17 tons	
MG: 1 x 7.62mm		
Speed: 53 mph	Crew: 4	
UpHullFr: 12/70°	TurFr: 12/60°	
LowHullFr: 12/45°	GunMant: 12/45°	
HullSide: 12/0°	TurSide: 12/20°	
LowHull: 12/0°	TurRear: 12/5°	
HullRoof: 8/90°	TurRoof: 8/80°	
HullRear: 12/20°		

(Armour values are guesses)

Notes: Six-wheeled amphibious armoured car intended for reconnaissance work. Developed from the AMX10P tracked MICV but doesn't look anything like it. Designed in 1970 but not put into production until 1980. Over 500 produced, some for export.

Renault Alliance	France	1986
Gun: None	Weight: 2 tons	
MG: None		
Speed: 65 mph	Crew: 1	

Notes: Author's car, 1986 to 1990. Highly prone to mechanical breakdowns. Author still traumatized.



Actual Renault display at Aberdeen, 1986

Renault VBC-90	France	1981
Gun: 90mm L52	Weight: 19 tons	
MG: 2 x 7.62mm		
Speed: 70 mph	Crew: 3	
UpHullFr: 12/65°	TurFr: 12/50°	
LowHullFr: 12/50°	GunMant: 12/30°	
HullSide: 12/15°	TurSide: 12/15°	
LowHull: 12/0°	TurRear: 12/15°	
HullRoof: 8/90°	TurRoof: 8/80°	
HullRear: 12/0°		

(Armour values are guesses)

Notes: Six-wheeled armoured car intended for anti-tank use. Based on VAB chassis. Less than 50 built.

AMX40	France	1987
Gun: 120mm L52	Weight: 55 tons	
MG: 1 x 7.62mm, 1 x 12.7mm		
Speed: 34 mph	Crew: 3	

Notes: Intended to be the replacement for the AMX30 series. A few prototypes built. Replaced by Leclerc.

Leclerc	France	1993
Gun: 120mm L52	Weight: 60 tons	
MG: 1 x 7.62mm, 1 x 12.7mm		
Speed: 44 mph	Crew: 3	

Notes: France's new main battle tank, based somewhat on AMX30 series. About 420 planned to be built.