

Type: Car, Armored, 4x4 Nomenclature: **Auto-mitrailleuse de Découverte (AMD) 35 (Panhard Model 178)**

Country: France Date of Introduction: 1936

Physical Data:

Weight emp (est) 17640 lb (8000 kg)
 Weight loaded 18743 lb (8500 kg)
 Length (OA) 188.5 in (4792 mm)
 Width (OA) 79 in (2010 mm)
 Height (OA) 91 in (2310 mm)
 Ground clr 13.7 in (350 mm)
 Wheel base 123 in (3120 mm)
 Wheel tread 68 in (1737 mm)
 Drive 4x4
 Armor .28-.79 in (7-20 mm)
 NBC protection Individual

Armament:

Main – Cal (1) 25mm cannon
 and (1) 7.5mm MMG
 Elevation -12 to +15 deg
 Traverse Power 360 deg
 Fire control Optical
 Aux wpns Crew side arms

Capacity:

Fuel Gasoline 39 gal
 (145 liters)
 Ammo/Qty 25mm (150 rds) and
 7.5mm (3750 rds)

Crew 4
 Cargo Vol/Wgt n/a

Engine:

Type Gasoline
 HP at Rev/Min 105 hp (77.5 kW)
 @ 2000 rpm
 Model ISK 4F II bis
 Mfr Panhard
 No. of Cyls 4 In-line
 Location Rear
 Cooling Liquid

Transmission:

Type Manual
 Gear Fwd/Rev 4/4
 Model unk
 Mfr Panhard

Suspension System:

Type Leaf spring
 Steering Front axle
 Turning radius 26 ft (8 m)
 No/wheels 4
 Tire Size 42x9

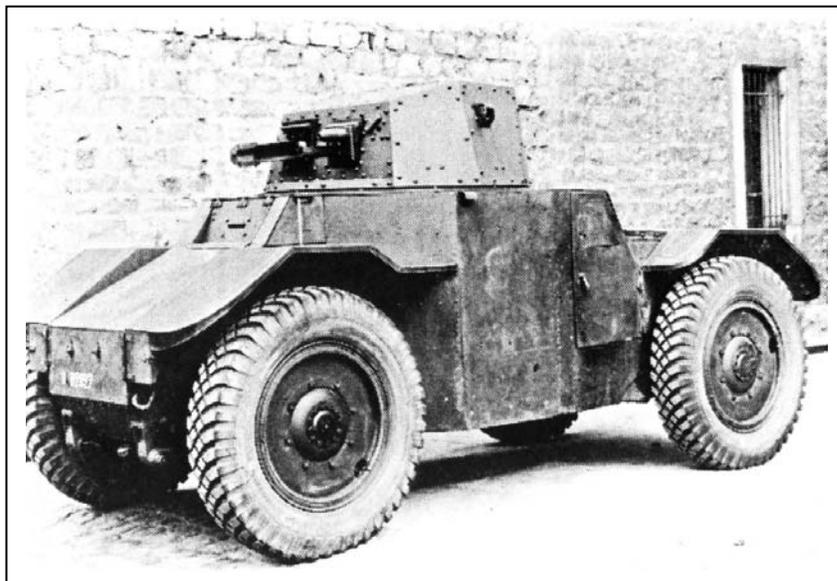
General Data:

Elec voltage 12V
 Radio As fitted by user

Night Vision: as fitted by user

Performance:

Speed/Land 45 mph (72 km/h)
 Speed/Water n/a
 Range 186 mi (300 km)
 Forcing depth 23.6 in (600 mm)
 Max grade 40%
 Trench 23.6 in (600 mm)
 Step 11.8 in (300 mm)



Top: One of the prototype Panhard 178s.
 Above: A 178 abandoned in 1940.

Remarks: The AMD 35, or as it more widely known, the Panhard Type 178; was developed to meet a French Army requirement for a light armored car. Accepted in October of 1933 the first production machines began to appear in 1935 and became generally available in 1936-37. By the time production ceased in 1940, approximately 1,000 vehicles had been delivered.

As a change from the usual method at the time, the frame and armored body were designed as one unit, instead of sticking an armored body on a commercial truck chassis. A rear engine design, provision was made for front and rear steering as well as a gearbox providing four speeds forward or reverse. Doors

were placed on either side of the crew compartment and an APX-3 turret with power traverse was fitted. The turret was armed with a Hotchkiss 25mm automatic cannon and Reibel 7.5 mm machinegun.

Considering the limited action seen by the Panhard during the German invasion, the car's performance was considered acceptable.

German forces also used 200 plus captured vehicles as the Panzerspähwagen P 204 (f), most seeing service on the Eastern Front.

Usage: Used by France and Germany.

Manufacturer: S.A.A.E. Panhard et Levassor.

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