



M88A2 Hercules

Heavy Recovery Vehicle

The M88A2 HERCULES is a combat-proven, fully-tracked, steel-armored recovery vehicle that performs hoisting, winching, and towing operations for today's heaviest combat systems. It is equipped to assist in the repair of disabled vehicles under general field conditions and to recover vehicles under hostile fire.

All winches are hydraulically operated. The vehicle is equipped with an auxiliary power unit (APU) that provides backup hydraulic and electrical power. The APU also provides power for refueling and fuel transfer. The vehicle carries a crew of three: commander, operator and mechanic. It has compartment space for four members of the recovered vehicle.

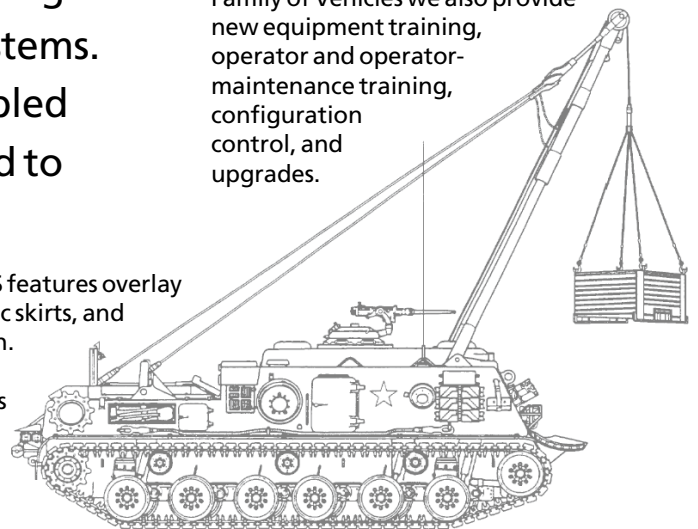
Survivability – HERCULES features overlay armor protection, ballistic skirts, and NBC face mask protection.

Recovery – HERCULES has a longer 35-ton (31.75 metric ton) boom; a 70-ton (63.5 metric ton) constant pull main winch

with 280 feet (85.3 meters) of cable; and an auxiliary 3-ton (2.7 metric ton) winch to aid main winch cable deployment.

Mission – Specifically designed with the tractive power to safely tow and winch mired or disabled vehicles, and the hoisting capability to upright overturned vehicles, change powerpacks, or remove main battle tank turrets.

Support – As the designer and Original Equipment Manufacturer (OEM) of the M88 Family of Vehicles we also provide new equipment training, operator and operator-maintenance training, configuration control, and upgrades.



Status – Currently fielded with on-going production for the U.S. Army, U.S. Marine Corps, and foreign governments.



Specifications

Gross vehicle weight	140,000 lbs/63,500 kg
Personnel capacity	7
Gross horsepower	1050@2400 rpm
Speed	26-30 mph/42-48 km/h
Braking distance	
With load	15 mph: 50 ft 24 km/h: 15.2 m
Without load	20 mph: 35 ft 32 km/h: 10.6 m
Estimated cruising range	300 miles/483 km
Slope	60%
Trench crossing	103 inches/2.6 m
Vertical wall crossing	42 inches/1.0 m
Overall length	338 inches/8.5 m
Width	144 inches/3.6 m
Height	124 inches/3.1 m
Ground clearance	16 inches/0.4 m



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