

A large, green and tan camouflaged tracked heavy recovery vehicle, the M88A3 Hercules, is shown in profile. It features a prominent crane arm extending upwards and to the left, supported by thick cables. The vehicle is equipped with various recovery tools, including a large winch and a hydraulic crane. The background consists of a clear blue sky with scattered white clouds and a line of green trees. The vehicle is parked on a paved surface.

Heavy Recovery Vehicle

# M88A3 HERCULES

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The M88A3 HERCULES is the next iteration to the M88 HERCULES Family of Vehicles. It enhances the performance, survivability and responsiveness of the combat-proven M88A2 and it restores single-vehicle recovery on tanks weighing up to 80 tons. The M88A3 performs hoisting, winching, and towing operations for today's heaviest combat systems, like the M1 main battle tank.



#### Performance

An upgraded liquid cooled powerpack provides improvements to mobility, reliability, diagnostic/prognostic capability and vehicle weight. The addition of a seventh road wheel also increases stability during recovery operations and improves ground pressure distribution.

#### Survivability

The M88A3 HERCULES features improved armor protection.

#### Responsiveness

Seven station hydro-pneumatic suspension units (HSUs) and hull modifications offers improvements to enable single-vehicle recovery; ground pressure distribution, integration weight and lockout capability. This locking capability enables greater stability and response during hoisting operations.

#### Specifications

Vehicle weight	80 Tons / 72.5 Tonnes
Personnel capacity	Driver, Mechanic, Commander + Recovered MBT Crew
Gross horsepower	1350 HP
Estimated speed	35 mph
Estimated cruising range	250 miles / 402 km
Slope performance	60%
Trench crossing	103 inches / 2.6 m
Vertical wall crossing	42 inches / 1.0 m
Overall length	338 inches / 8.5 m
Width	145 inches / 3.6 m
Height	124 inches / 3.1 m
Ground clearance	16+ inches / 0.4+ m
Hoisting capacity	80,000 lb / 36,287 kg
Pick & carry capacity	64,000 lb / 29,030 kg
Recovery capacity	160,000 lb (80 Tons / 72.5 Tonnes)

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