



DUTY
HONOR
SERVICE

MINNESOTA
NATIONAL GUARD
ESTABLISHED 1856

RESPECT
INTEGRITY
EXCELLENCE

M1070 HEAVY EQUIPMENT TRANSPORTER (HET)

Mission

Transport, deploy, recover and evacuate combat-loaded main battle tanks and other heavy tracked and wheeled vehicles to and from the battlefield

Entered Army Service

1993



Description and Specifications

The Heavy Equipment Transport System (HETS) consists of the M1070 Truck Tractor and the M1000 Heavy Equipment Transporter Semi-trailer. The HETS transports payloads up to 70 tons – primarily Abrams tanks. It operates on highways worldwide (with permits), secondary roads, and cross-country. The HETS has a number of features that significantly improve the mobility and overall performance of the system in a tactical environment. The M1070 tractor has front- and rear-axle steering, a central tire-inflation system, and cab space for six personnel to accommodate the two HETS operators and four tank crewmen. The M1000 semi-trailer has automatically steerable axels and a load-leveling hydraulic suspension.

Tractor Length:	358 in
Tractor Width:	102 in
Trailer length:	622 in
Trailer width (rear bumper):	144.8 in
Tractor curb weight:	41,000 lbs
Trailer curb weight:	50,000 lbs
Payload:	140,000 lbs
Engine:	500 horsepower Detroit Diesel
Transmission:	5-speed automatic
Speed:	40-45 mph on highway (25-30 mph with 70-ton payload)
Range:	300 mi
Fording:	28 in
Air transportability:	C-5A and C-17

Information courtesy Army.mil

Manufacturer

Tractor : Oshkosh Truck
Semitrailer: Systems & Electronics, Inc.

FOR MORE INFORMATION, CONTACT: Minnesota National Guard Public Affairs at public.affairs@mn.ngb.army.mil or go to www.MinnesotaNationalGuard.org/press_room/fact_sheets/military_equipment.php for a list of equipment used by the Minnesota National Guard.