

High Mobility Engineer Excavator (HMEE) I and III

INVESTMENT COMPONENT

- Modernization
- Recapitalization
- Maintenance

MISSION

Provides the Army with earth-moving vehicles that support self-deployability, mobility, and speed to keep pace with the Brigade Combat Teams (BCTs).

HMEE-III Backhoe Loader (BHL) provides the Army with general excavation and earth-moving capabilities for general engineer construction units.

DESCRIPTION

The High Mobility Engineer Excavator Type I (HMEE-I) is a non-developmental, military-unique vehicle fielded to the Armys BCTs and other selected engineer units. The HMEE-I can travel up to 60 miles per hour on primary roads and up to 25 miles per hour on secondary roads. The high mobility of the HMEE-I provide earthmoving machines capable of maintaining pace with the Army’s current combat systems. All HMEE-Is will be capable of accepting armor in the form of an armor cab (Crew Protection Kit), are C-130 transportable without armor, and are diesel driven. HMEE-I replaces

Small Emplacement Excavators (SEEs) in BCTs and Intern HMEEs in Stryker BCTs (SBTCs). The HMEE-I is employed in IBCTs, Heavy BCTs, SBCTs, Multi Role Bridge Companies, and Engineer Support Companies.

The HMEE-III Backhoe Loader (BHL) is a commercial-off-the-shelf backhoe loader with military modifications to include an armored cab intended for units that are relatively stationary and do not require speed and rapid deployability. Its maximum speed is 23 miles per hour on improved roads, and seven miles per hour off-road. The HMEE-III Backhoe Loader is used by Combat Support Brigades in general construction tasks. It is employed by Horizontal and Vertical Construction Units, and other non-engineer units such as Military Police and Quartermaster Units.

Tasks performed by the HMEE-I/III include repair and improvement of roads, trails, bridges, and airfields.

SYSTEM INTERDEPENDENCIES

In this Publication
HMEE III: M983 LET/M870 Trailer for highway transportability

PROGRAM STATUS

- **Current:** In fielding

PROJECTED ACTIVITIES

- **Continued:** Fielding is ongoing for both HMEE-I and III and should complete FY15

ACQUISITION PHASE

- Technology Development
- Engineering & Manufacturing Development
- Production & Deployment
- Operations & Support

High Mobility Engineer Excavator (HMEE) I and III

FOREIGN MILITARY SALES

HMEE-I:

Australia, Germany, New Zealand,

CONTRACTORS

HMEE-I OEM:

JCB Inc. (Pooler, GA)

Armor:

ADSI (Hicksville, NY)

Logistics:

XMCO (Warren, MI)

HMEE-III Backhoe Loader OEM:

Case New Holland (Racine, WI)

Armor:

BAE (Columbus, OH)

Logistics:

XMCO (Warren, MI)

