

# High Mobility Engineer Excavator (HMEE) I and III

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

## MISSION

Provides the Army with earthmoving vehicles that support self-deployability, mobility, and speed to keep pace with the Brigade Combat Teams (BCTs). The HMEE-III Backhoe Loader (BHL) provides the Army with general excavation and earthmoving 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 Army's 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 provides 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 diesel driven. HMEE-I replaces Small Emplacement Excavators (SEEs) in BCTs and IHMEEs in Stryker BCTs. The HMEE-I is employed in

IBCTs, HBCTs, SBCTs, Multi-Role Bridge Companies, and Engineer Support Companies.

The HMEE-III Backhoe Loader (BHL) is a commercial-off-the-shelf backhoe loader with minor military modifications intended for units that are relatively stationary and do not require the speed and rapid deployability of an HMEE-I. Its maximum speed is 23 miles per hour on improved roads, and 7 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 Quarter Master Units. Tasks performed by the HMEE-I/III include repair and improvement of roads, trails, bridges, and airfields.

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- Currently in fielding

## PROJECTED ACTIVITIES

- Fielding is ongoing for both HMEE-I and III

## ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and 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)

