

Engineer Mission Module (EMM)

Enables engineers to tailor equipment to particular mission needs through modular components, saving critical transit time and improving distribution efficiency.



DESCRIPTION AND SPECIFICATIONS

Engineer Mission Module (EMM) components are designed to be used on the Palletized Load System (PLS) M1075 Truck and M1076 Trailer. The modules are mounted on flatracks, similar to those used with the PLS for hauling ammunition and other supplies.

Bituminous Distributor (EMM-BD) provides the capability to spread measured amounts of bituminous material for road preparation, repair, and other engineer applications. EMM-BD has a 2800 gallon capacity, and is powered by and operable from the PLS truck. It is transportable but not operable on the PLS trailer. Bitumen spray is computer-controlled and will automatically compensate for variations in speed, and is operated by a single soldier.

Concrete Mobile Mixer (EMM-CMM) transports raw concrete materials, mixes concrete as needed, and replaces the mixed concrete. EMM-CMM is self-powered, can be used on the PLS truck or trailer (mobile mode) or on the ground (standalone mode). Its bins store enough material for five cubic yards of mixed concrete in mobile mode and eight cubic yards in standalone mode.

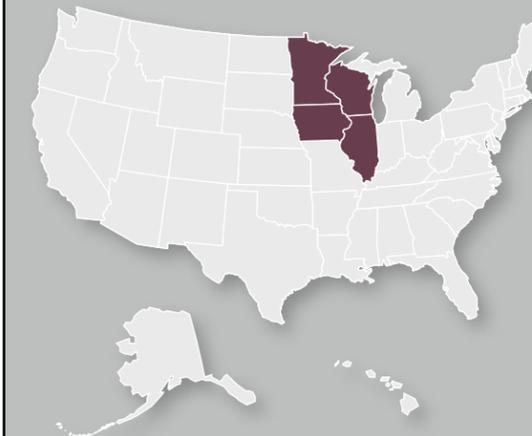
Dump Body (EMM-DB) hauls and spreads engineering construction material such as rocks, gravel, sand, and dirt. With a 12 to 14 cubic yard capacity by volume, 13 ton by weight, it is powered by the PLS truck, and can be operated on the PLS truck or trailer.

PROGRAM STATUS

- 1QFY05 Fielding to 463rd Engineers

PROJECTED ACTIVITIES

- 2QFY05-1QFY06 Continue production and fielding



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CONTRACTORS

Prime:

Oshkosh Truck (Oshkosh, WI)

Bituminous Distributor:

E.D. Etnyre (Oregon, IL)

Concrete Mobile Mixer:

Cementech, Inc. (Indianola, IA)

Dump Body:

Crysteel Manufacturing (Lake Crystal, MN)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Production and Deployment