

Palletized Load System (PLS)

Rapidly moves combat-configured loads of ammunition and all classes of supply, shelters, and containers.



DESCRIPTION AND SPECIFICATIONS

The Palletized Load System (PLS) truck models are the M1075 and the M1074 with Materiel Handling Crane. The system also includes the PLS Trailer (M1076) with capacity equal to that of the truck, a PLS Container Handling Unit for transporting 20-foot International Standards Organization (ISO) containers, and the M3 container roll-in/out platform (CROP).

Specifications:

Payload: 33 tons (truck and trailer)

Speed: 55 miles per hour on road or 5-15 miles per hour cross-country

Curb weight: 48,845 pounds

PLS trucks have a self-load/off-load capability with demountable cargo bed (CROP), a central tire inflation system (CTIS) to enhance mobility, and are air transportable via C-141, C-5, and C-17, as well as deployable by rail and sea. PLS's reliability, availability, and maintainability are equal to or better than previous systems, or greater than 90 percent. CROP is NATO-interoperable and fits inside a single ISO container. The PLS container handling unit transports ISO containers.

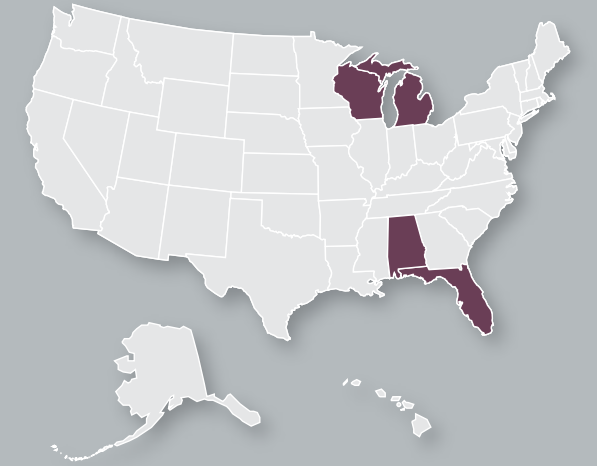
Capable of one person operation, PLS's rapid movement of ammunition, on and off road; supports decisive fires, and CTIS provides improved mobility not found in the Heavy Expanded Mobility Tactical Truck (HEMTT).

PROGRAM STATUS

- **Currently** in production

PROJECTED ACTIVITIES

- **4FY06** M1076A1 PLS-T low-rate initial production
- **2QFY07** Milestone C
- **2QFY07** First unit equipped



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CONTRACTORS

Oshkosh Truck (Bradenton, FL; Oshkosh, WI)
Summa Technology (Cullman, AL)
Oshkosh Truck Kewanee Fabrication LLC (Kewanee, WI)
Detroit Diesel (Detroit, MI)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Production and Deployment