

Load Handling System Compatible Water Tank Rack (Hippo)

Provides a mobile, hardwall water tanker to perform bulk distribution of potable water to the division and brigade areas.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

Description & Specifications

The Load Handling System Compatible Water Tank Rack (Hippo) represents the latest technology in bulk water distribution systems. It replaces the 3K and 5K Semi-trailer Mounted Fabric Tanks (SMFTs). Hippo consists of a 2,000 gallon potable water tank in an ISO frame with an integrated pump, engine, alternator, filling stand, and 70-foot hose reel with bulk suction and discharge hoses. It has the capacity to pump 125 gallons of water per minute.

Hippo is fully functional mounted or dismounted and is transportable when full, partially full, or empty. It is designed to operate in cold weather environments and can prevent water from freezing at -25 degrees Fahrenheit. Hippo can be moved and set up rapidly. In addition, it can be established using minimal assets and personnel.

Program Status

- **4QFY06:** New contract awarded; conditional materiel release

Projected Activities

- **FY07:** Full materiel release
- **FY07:** First unit equipped
- **FY08:** Continue production and fielding
- **FY09:** Continue production and fielding

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Load Handling System Compatible Water Tank Rack (Hippo)

FOREIGN MILITARY SALES

None

CONTRACTORS

Mil-Mar Century, Inc. (Dayton, OH)
WEW Westerwalder Eisenwerk (Weitefeld,
Germany)

