

HOSE REEL SYSTEM (HRS)

TAMCN: B11397B

I.D: 10596A

NSN: 4930-01-462-1304



Functional Description

The Hose Reel System (HRS) provides bulk fuel transfer capability within the MAGTF. Each system has a total of five miles of 6-inch lay flat lightweight fuel hose on eleven hose reels. Each reel contains 2,400 feet of hose or four sections of 6-inch by 600 feet of lay flat lightweight fuel hose. The HRS consists of two base units, two power units, eleven hose reels and ancillary components necessary to interconnect to other tactical fuel systems. The HRS has a manual deployment capability of 5 mph and a powered deployment and retrieval capability of 2 to 2.5 mph. The HRS can be deployed as a complete system or tailored to meet specific mission requirements.

Technical Description

Information

Manufacturer: MCLC
 Model: 98006A0000

Dimensions

Base with Reel and Power Unit

Length (in): 78.0
 Width (in): 96.0
 Height (in): 81.0
 Weight (lbs): 6,820.0
 Square (ft²)/Cube (ft³): 52.0/351.0

Base (Empty)

Length (in): 72.0
 Width (in): 96.0
 Height (in): 25.0
 Weight (lbs): 2,000.0
 Square (ft²)/Cube (ft³): 48.0/100.0

Transportability: Treat as cargo.

Dimensions (Cont.)

Power Unit

Weight, Fits on Base (lbs): 240.0

Reel Unit

Length (in): 88.0
 Width (in): 888.00
 Height/Diameter(in): 74.0
 Weight, empty (lbs) 1,900.0
 Weight, with 2,400 feet of hose (lbs): 4,820
 Square (ft²)/Cube (ft³): 542.7/3,346.4

Performance

Deployment:
 Powered: 2 to 2.5 mph
 Manual: 5 mph
 Retrieval: .5-1.5 mph
 Braking: Manually operated disc brake
 Side Slope: 0° to 20°

NOTE: The HRS is mounted on the back of a D00047K, Medium Tactical Vehicle (MTV), MK 23, MK 25.