



MOOG RECONFIGURABLE SELF-LOADING EQUIPMENT DOCK (MR SLED)

MR SLED is a modular, mission-ready solution that combines proven precision engineering and integration with program of record commonality to provide the Army with a scalable, futureproof Air Defense / Counter-UAS solution. Moog's Lightweight Reconfigurable Integrated-weapons Platform (RIWP®) is the centerpiece within the SLED capability while integrating partner-enabling active/passive sensor and electronic warfare capabilities for a streamlined affordable solution.

Modular payload platform: MR SLED is a self-contained common frame with integrated key components of the air-defense system including as sensors, radar, fire-control, and effectors (guns, missiles, and other C-UAS payloads).

Platform agnostic: Designed for installation on many vehicle types without needing a specific dedicated chassis. Much like a "plug-and-play" system, MR SLED is not tied to any one vehicle design.

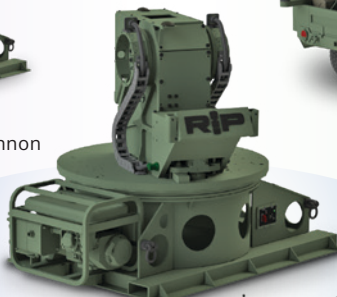
Ground/Robotic/Future Platforms Example Configurations



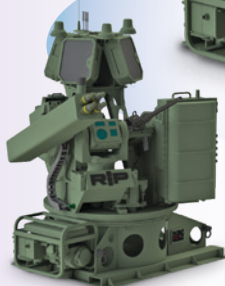
Missile Platform
Dual Coyote, Active Radar



KE Platform
SVUL, APKWS, 30mm Cannon



MR SLED
Base
Assembly



Radar Platform
4 x Active Radars, Passive Radar,
APKWS, .50cal Gun



Gun Vehicle
30mm Cannon, APKWS



Missile Vehicle
SVUL (or APKWS),
.50cal Gun



Radar / EW Vehicle
EW, Active Radar, Passive Radar,
7.62 Coax Gun

ISV Platform Example Configurations

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MISSION ADAPTABILITY

MR SLED is engineered to meet M-SHORAD Increment 4 and Unit Common Requirements:

- One system with Soldier reconfigurability to tailor sensor and effectors
- Growth in firepower capacity based on modular design
- Single agnostic platform application from ISV to robotics
- Commonality with improvements to existing SGT Stout and MLIDS programs of record



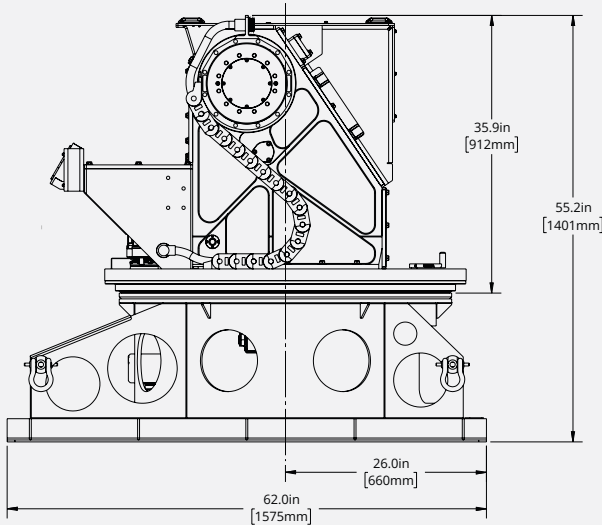
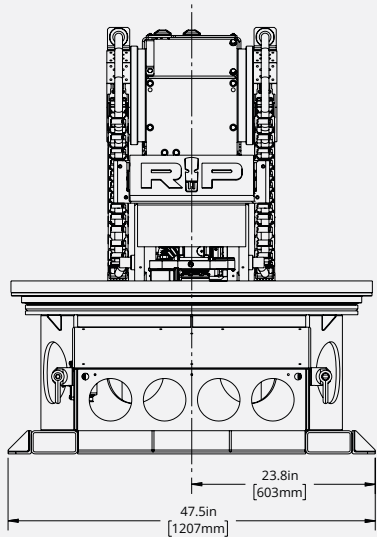
INTEGRATED CAPABILITIES

Feature	Specifications
Direct Fire	7.62mm, .50 cal, 30mm (30x113mm)
Missile/Rocket	Stinger, Coyote, APKWS
Active/Passive Radar	Echoshield, Spark, SURGE
Sight	MX-GCS, MX-10D RSTA
Electronic Warfare	Protean 6
C2	FAAD-C2, IBCS-M/Lattice

SPECIFICATIONS

Feature	Specifications
Voltage	28 VDC supply per MIL-STD-1275
Power Requirements	0.25 kW (Quiescent), 0.70 kW (Scanning), 3.20 kW [16 kW peak] (Target Engagement)
Weight (Base Assembly)	820 lbs (372 kg)
Structure	Aluminum
Communications Interface	Wired (ethernet) or Wireless (radio)
User Interface	Handheld Tablet or Smart Display with Separate Hand Controller

ARCHITECTURAL AND DIMENSIONAL DRAWINGS



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