

*The*  
**Marvin Group**

# MAU-50

LIGHT DUTY EJECTOR RACK

Dual piston pyrotechnic ejection system for carriage and release of weapons and stores up to 2,000 lbs



[www.marvingroup.com](http://www.marvingroup.com)

[sales@marvineng.com](mailto:sales@marvineng.com)

+1 310.674.5030

## MAU-50

### LIGHT DUTY EJECTOR RACK

The MAU-50/A is a light-duty, dual-piston pyrotechnic ejector rack designed for carrying and releasing stores up to 2,000 pounds. It utilizes electrically fired dual impulse cartridges to generate gas pressure, actuating the release and eject mechanism for both forced ejection and free-fall release of conventional stores (non-nuclear) and external fuel tanks within a 9-inch to 30-inch diameter range. This rack offers similar performance to the larger MAU-12 and features a 14-inch suspension system with twin hooks.



### BENEFITS

- **Enhanced Mission Flexibility:** Ability to handle diverse payloads. Allows for a wide range of mission profiles, adapting to both conventional and specialized operations. Similar performance to the larger MAU-12 ejector rack.
- **Unmatched Reliability:** Proven performance ensures consistent and dependable operations in the most challenging environments.
- **Safety Assurance:** Manual release mechanism adds an extra layer of safety, allowing for the manual deployment of stores if necessary.
- **High Durability:** Built to withstand harsh operational environments, ensuring long-term durability and minimal maintenance requirements.
- **Load Management:** Versatile suspension system allows for optimal load distribution and efficient handling of different payloads including conventional weapons or fuel tanks.

### PARAMETER

### DETAILS

PARAMETER	DETAILS
LENGTH	27.75 inches
WIDTH	3.00 inches
WEIGHT	6.125 inches
WEIGHT	45 lbs
PLATFORM INTEGRATION	A-10

### FEATURES

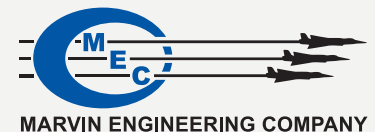
- Release or Ejection Stores Up to 2,000 lbs
- Twin Cartridge Pyrotechnic Ejection System
- 14" Suspension System
- Variable Pitch Settings
- Proven Track Record



MARVIN ENGINEERING CO., INC.

261 West Beach Avenue, Inglewood, California 90302 USA

T: +1 310.671.5030 • F: +1 310.673.9472 • sales@marvineng.com



MARVIN ENGINEERING COMPANY