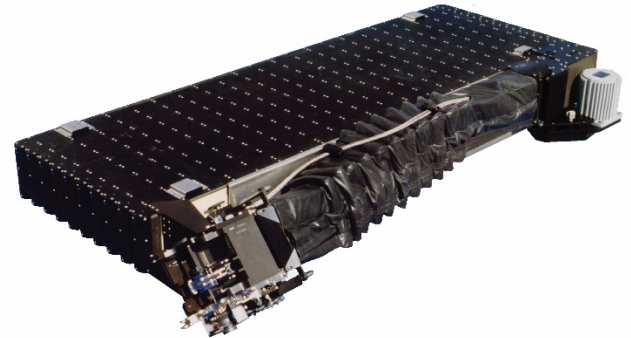


DATA SHEET

# Phalanx Deckloader System

## Phalanx CIWS



### 01 Description

The Phalanx Deckloader System (PDS) is a compact, high density rapid replenisher designed specifically to reload the Phalanx CIWS. The PDS allows total turnaround of the Phalanx CIWS replenishment in less than 4 minutes with only a crew of two.

The PDS mounts on top of the Phalanx ELX with no modifications and provides a flat, non-skid surface that functions as a work platform for reloading operations as well as weapon system maintenance.

The PDS consists of a linear linkless magazine, electric motor and controller, flexible chuting, and an improved loadhead eliminating the need for troublesome timing pins and marks with the use of a Self-Timing Ammunition Rotor (STAR). This product proven ammunition system technology is also found in similar applications on the U.S. Army AH-64 A Apache, the U.S. Air Force AC-130U Gunship, and the U.S. Navy's LALS II Aircraft Replenishment System.

Extensive sea trials have demonstrated the PDS to have an unsurpassed reliability and ease of operation. The system is presently entering the NATO inventory.

### 02 Key features and benefits

- No modifications to CIWS or Ship
- Installation time of less than 4 hours
- Unrestricted CIWS operational envelope
- Elimination of reload timing problems

### 03 Applications

- Phalanx CIWS
- Sea platforms

### 04 Contact

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**DATA SHEET**

**Phalanx Deckloader System, Phalanx CIWS**

**05 Specifications**

Phalanx Block	0 and 1 compatible
Ammunition Capacity (20mm)	1508
Phalanx Loading Rate (Maximum gun reload rate)	Up to 500 RPM
PDS Replenishing Rate	300 RPM
Operational Reliability	165,000 MRBF
Crew Required for Phalanx Reloading	2
Power Requirements	440V 60hz - 3 Phase
Total System Weight (Empty)	515 Lbs

**06 Outline details**

