



# TECHNICAL DATA SHEET

MANUFACTURING EXCELLENCE FOR TODAY'S SOLDIER

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## HOOK LIFT SYSTEM



### GENERAL

- SYSTEM WEIGHT:** 4284 lb (1943 kg)
- SAFETY:** System includes an emergency shut-off switch
- MAXIMUM PAYLOAD CAPACITY:** 36000 lb (16329 kg)
- DESIGN:** Composed of high strength steel, utilizing Nylatron wear pads

### DIMENSIONS

- OVERALL LENGTH:** 230 Inches (584 cm)
- OVERALL WIDTH:** 47 Inches (119 cm)
- OVERALL HEIGHT:** 87 Inches (221 cm)
- HEIGHT FROM BED:** 83 Inches (211 cm)

### SUBSYSTEM

- PRIMARY CYLINDERS (2):** Max operating pressure of 4500 psi. 71" of travel with overload protection.
- JIB CYLINDER (1):** Dual acting cylinder, 46" of travel in primary direction, 14" of travel in 'overextend' mode with overload protection.

### OPERATING SPECIFICATIONS

- HYDRAULICS:** Hydraulic motor can be tailored to PTO ratios to meet our flow rate requirement
- CONTROLS:** All hydraulic controls can be operated from the exterior panel on the left hand side of the vehicle and from the cab.
- COMPATIBILITY:** This system is capable of loading and unloading M15, M14, and M1077 pallets, as well as commercial flatracks both from the ground to the truck, and from a trailer to the truck.
- OPERATION:** System is capable of loading mode, and a 45 deg dump mode

