



LIBERATOR 4000

16,000 ft-lbs Crane Rating



Designed
to a
Higher Standard

Better by design

ETI is committed to designing and manufacturing the best electric hydraulic crane value in the industry. Our cranes are innovatively designed to perform to a higher standard of durability and reliability, and to provide the maximum duty cycle possible in an electric crane. We've backed that commitment with our limited lifetime structural warranty and factory direct technical support. You can be assured that your new Liberator crane will provide many years of dependable service.

ETI
A **PALFINGER** Company



Distributed by:

Equipment Technology LLC
 341 NW 122nd
 Oklahoma City, OK 73114
 Toll-Free: 1-888-748-3841
 Fax: 1-405-755-6829
 www.eti1.com

LIBERATOR 4000

Liberator 4000 cranes come complete with 25 foot power cable, crane ground cable, a 225 amp fuse, a 4 foot frame grounding cable, 25' remote control pendant and owner's manual.

All Liberator 4000 cranes are shipped assembled, factory tested and ready to go to work.

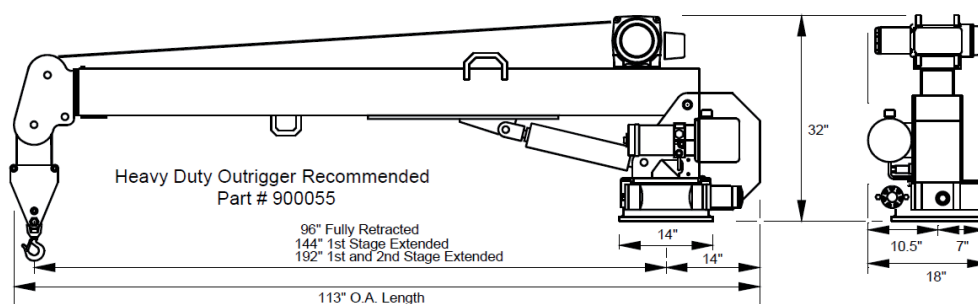
Minimum chassis size, 10,500 GVW. 1000 amp CCA, deep cycle battery is required. A 150 amp alternator is recommended.

Maximum lifting capabilities

4000 lbs	4'
3200 lbs	5'
2666 lbs	6'
2286 lbs	7'
2000 lbs	8'
1777 lbs	9'
1600 lbs	10'
1333 lbs	12'
1143 lbs	14'
1000 lbs	16'

Features

- Self-contained 12 Volt DC hydraulic system supplies 2.2 gallons per min, powered by high-output extended on time series wound motor.
- Automatic overload protection prevents hoist up, boom extension and boom down.
- Anti two-block system standard on all cranes with power extension .
- Large diameter, self-locking, all steel worm gear rotation drive mounted on steel slewing ring crane bearing provides 360 degree continuous power rotation.
- Load cushioning counterbalance/check valves on all cylinders for precise load holding and handling.
- Safety valves on all cylinders prevents load drop if hose fails.
- 100% Solid-state control system with arc-suppression circuitry for extended life of switches, contactors and motors.
- 4,000 lb. max. capacity, 16,000 ft-lb moment rating.
- Hydraulic boom elevation from -5° to 75°.
- 25' remote control pendant with "Quik-Turn" connector.
- Planetary gear hoist is designed for maximum power, efficiency and hook speed.
- Industrial grade electrical contactors, no automotive type solenoids.
- 80' of 1/4" wire rope. Hoist drum and wire rope are on the outside of the boom where they are visible to the operator.
- Permanently lubricated polymer wire rope pulleys reduce wire rope wear.
- Boom extensions slide on low friction self-lubricating polymer slide pads.
- Meets OSHA 1910.180 requirements and ANSI B30.5. safety standards
- Powder coat finish for high gloss and durability.
- Mounting bolts provided (4 ea. 3/4" dia. gr 8).



Model	Power Boom	Power Extend	Manual Extend	Weight	O.A. Length Retracted	O.A. Width
LIB 4000 XTW-PR	Yes	No	8' to 12'	792 lbs	9' - 4"	18"
LIB 4000 XTW16-PR	Yes	No	8' to 16'	829 lbs	9' - 4"	18"
LIB 4000 PXTW-PR	Yes	8' to 12'	No	872 lbs	9' - 6"	18"
LIB 4000 PXTW16-PR	Yes	8' to 12'	12' to 16'	920 lbs	9' - 6"	18"